# CZECH HEALTHCARE SOLUTIONS

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### The Czech Republic =

one of the best **healthcare systems** in the European Union

## The Czech Republic has one of the best healthcare systems in the European Union

- + Excellent Range and Reach of Healthcare Services
- High Standard of Medical Treatment
- Teams of Top Medical Experts
- Medical Equipment of the Highest Quality

## The Czech Republic is among the world leaders in these fields:

- Neonatology
- Paediatrics
- Burn Centres
- Traumatology
- Transplantology
- Emergency medicine

## The Czech Republic offers complete healthcare solutions:

- + Equipment and technologies of the highest quality
- + Complete system of service including education of doctors and medical staff
- + Complete supplies of investment units
- + Delivery service and staff training
- + Consultancy in the area of healthcare system
- Supplies of medical consumables

# **Czech companies** are able to supply various kinds of **investment units**:

- + Hospitals
- Modular Hospitals
- Pharmacies and Pharmacology Facilities
- + Health Centres and public or private One-day Care Centres (including ones specialized in ophthalmology and dental medicine)
- + Blood and Tissue Bank
- PET Centres
- + Emergency Healthcare during Crisis Situations
  - Field Hospitals
  - Mobile Emergency Units
- Public Health Protection Authority
- Exercise and training centres
- Infection departments/wards
- Endoscopy department

## **Association of Manufacturers** and Suppliers of Medical Devices

- + The only association that unites the most significant Czech manufacturers of medical devices
- + We associate more than 100 companies from the area of healthcare
- + Members of the Association produce and supply highly innovative products for the most important medical fields and healthcare areas
- + Over 83 % of the production is exported abroad

#### The Association cooperate on export projects with:



Ministry of Foreign Affairs of the Czech Republic



MINISTRY OF INDUSTRY AND TRADE OF THE CZECH REPUBLIC



Česká rozvojová agentura



# CZECH HEALTHCARE SOLUTIONS

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# 1 HOSPITALS





BLOCK CRS a.s. U Kasáren 727, 757 01 Valašské Meziříčí Czech Republic

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

## Turnkey implementations of complete hospitals

BLOCK is international group of companies with focus on cleanroom solution. Since 1991, we have been designing, manufacturing and delivering solutions to projects with high demands on environment cleanliness and with a focus on advanced technology.

## On turnkey basis we provide complex services and realizations in full:

Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and staff training. Warranty and post-warranty service.

## We solve all parts of buildings within our deliveries of medical facilities:

- Building shell and fabric
- + HVAC (heating, air-conditioning, cooling)
- Media and medicinal gases
- Electrical wiring and equipment, Measurement & Regulation
- Built-in (clean) rooms
- ✤ Medical furniture
- Video management
- Medical technology
- Isolator technology
- + Design and protection elements
- Signalling system
- + Landscape architecture, groundworks 4



Advanced Medical Solutions

#### Advanced Medical Solutions s.r.o.

Vídeňská 101/119, 619 00 Brno Czech Republic

+420 547 137 612 bohrn@amsolutions.cz www.amsolutions.cz

#### Arterial Venous Lymphatic

Hospitals and clinics focused in Angiology, Preventive Cardiology, Phlebology, Lymphology, Internal Medicine, Telemedicine, Diabetes, Rehabilitation

Advanced Medical Solutions develops, produces and distributes integrative solutions (devices, sw + services) for the early and non-invasive diagnostics and therapy of peripheral perfusion (arterial, venous and lymphatic) with a specific focus on diabetic patients. The aim is to prevent more serious vascular difficulties thanks to an early detection and application of non-invasive therapies in time with therapy support systems. Our solutions help to prevent the vascular problems like diabetic foot, lower limb ischemia and other perfusion problems.

#### **Our Solutions**

- Integrated portable non-invasive diagnostic systems for arterial and venous functions with high sensitivity and specificity (Vlab); for more information you are welcome to visit the web www.amsolutions.cz/en
- Pressotherapy for peripheral perfusion (Pneuven) www.pneuven.cz/en/
- Telemedicine solutions for screening of vascular disease with a specific focus on patients with

diabetes that enable the prevention of the diabetic foot and a considerable reduction of the overall healthcare costs

 Integrated solutions for home monitoring and adherence to therapies

#### Key customers:

Hospitals and Clinics both municipal and rural – Angiology, Preventive Cardiology, Phlebology, Lymphology, Internal Medicine, Telemedicine, Diabetes, Rehabilitation.

Doctors active in Angiology, Preventive Cardiology, Phlebology, Lymphology, Internal Medicine, Telemedicine, Diabetes.



Pharmacies interested in preventive programmes focused on chronic disease like diabetic patients.

Healthcare providers focused on prevention of vascular disease and peripheral perfusion.

#### In addition, we also provide solutions for:

#### **Relaxation facilities:**

Pressotherapy and vacutherapy, microdermabrasion, for regenerative purposes, wellness, fitness, and relaxation facilities.

#### Cosmetic services:

8

Vacuum massage, diamond microdermabrasion, cellulite prevention, special facial treatments.





#### Comedeq s.r.o.

Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.

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**Flídr medical s.r.o.** Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

Flídr medical s.r.o. is a recognized Czech manufacturer and supplier of reliable medical









instruments and dedicated gas equipment. We also perform warranty and post-warranty service (regular safety and technical inspection) of medical instruments in accordance with the instructions of manufacturers and other legal regulations.

equipment (terminal units, ceiling arms, ceiling bridges, wall-mounted supply systems) installed at ICUs, departments of anaesthesiology and resuscitation, operating theatres, patient rooms and other areas. All medical equipment supplied meets strict requirements and regulations for placing on the market. Their advantage is great variability, allowing the medical equipment to be tailored to the customer.

We create complete project documentation for the distribution lines of medical and technical gases and then also install them. The deliveries of piping also include connection to all medical instruments, installation and commissioning of the required equipment.

Through our inspection technicians, we provide gas and electrical inspections for the lines of technical and medical gases, medical

# Gatema

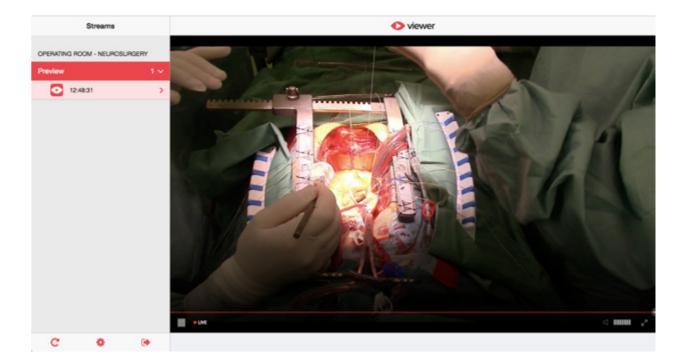
Gatema Medical s.r.o. Olomoucká 3419/7, 618 00 Brno **Czech Republic** 

Jan Patloka +420 702 272 835 jan.patloka@gatema.cz www.gatema.com/audiovisual-system

#### Apollon

Medical audio-visual system APOLLON as educational and consulting instrument for medical students and doctors. Apollon provides user-friendly instruments for capturing and further processing of audio-visual data from

a surgery. Possibilities of real-time surgical videoconferencing of audio-visual data to remote locations such as hospital offices, lecture halls and conference rooms brings opportunities for implementation of modern and highly effective methods of teaching medical students and training young doctors thus improving their learning curve. Senior doctors or main physicians can supervise the operation on-line from their







office computer, specialist doctors can consult and advise their colleagues in the operating room from a remote location and surgeons can share their knowledge and most up-todate techniques with their colleagues during specialized surgical congresses. Storage of data is always available for further analysis, debriefing and evaluation of various performances, especially more difficult and nonroutine ones.











Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We produce modular furniture for all types of applications according to customer requirements.







# LINET

LINET spol. s r.o. Želevčice 5, 274 01 Slaný **Czech Republic** 

Jiří Plecitý jiri.plecity@linet.cz www.linet.com/en/

LINET is a major European manufacturer of hospital and nursing beds. The company's portfolio includes solutions designed for intensive care, products for regular in-bed treatment and also special beds for old people's homes and long-term care facilities. The LINET range also includes a wide range of accessories such as anti-pressure ulcer



mattresses, mobile equipment, healthcare furniture, etc.

LINET is maintaining its position out in front of its competitors in hospital bed manufacture. The firm regularly introduces products and services with innovative features and functions that reduce physical demands on staff, enhance the efficacy of care provided and increase patient comfort. LINET works intensively on developing such products in collaboration with healthcare professionals and respected experts in various scientific fields, enabling the firm to keep abreast of new trends in the area of medical care.

#### Hospital beds:

LINET is a major European manufacturer of hospital and nursing beds. The company's portfolio includes solutions designed for intensive care and products for regular in-bed treatment.







#### Eleganza 1

A fully adjustable electric bed. The Eleganza 1 hospital bed is designed for standard hospital wards and long-term care units. The bed has a simple construction with a wide range of above-standard features and sophisticated functions delivered at low cost, thus providing customers with great value for money.

#### Eleganza 2

The Eleganza 2 hospital bed pushes the boundaries of safety standards, quality of workmanship and design. As the first bed of its kind it has become the definition of the truly modern healthcare bed. It is equipped with many sophisticated functions, including smart properties, and is easily accessible to the broad spectrum of healthcare. This healthcare bed is highly practical and stylish and thanks to its properties meets all the requirements of each hospital ward. Eleganza 2 makes demanding day-to-day patient care easier and due to its modern design moves the quality of provided care to a higher level.

#### Eleganza 3

The Eleganza 3 bed has a positive effect on the treatment and recovery of patients and ensures that the work of healthcare staff working in acute units is more effective and easier with the help of the unique functional features.

#### Latera acute

Positioning to prevent pressure ulcers, making the bed, taking care of the patient's hygiene and



skin care needs, changing incontinence pads, post-operative drains – all of these procedures require turning patients onto their sides. However, doing so manually can be considerably physically demanding and might result in long term injuries for both the patient and the medical staff. Therefore, we have developed Latera Acute – a fully adjustable electric bed with a lateral tilt assisting staff with turning the patient.

#### Image 3

The Image 3 electrically adjustable hospital bed respects growing demands of patients and nursing staff. The design of the bed is timeless and suitable for a broad spectrum of health care and nursing care.

#### Intensive care beds:

#### Eleganza 4

Eleganza 4 is an electrically positionable bed designed especially for Critical Care settings. The bed platform gives you flexible and customized solutions to keep all care activities and all special patient needs together with an open architecture of different technical features. You can choose the right bed for each care and medical application, patient conditions and budget.

#### Eleganza 5

The bed helps to maintain vital signs of the patient and enables staff to treat the patient safely and with minimal effort with the help of

highly sophisticated features and functions. The Eleganza 5 is a symbiosis of a top-level innovative technologies and human approach used to create an optimum working and healing environment for the ICU caregivers and patients. The Eleganza 5 as a result of the mutual cooperation of the clinical professionals and experienced R&D team brings numerous progressive features applicable in daily ICU activities.

#### Multicare

The Multicare intensive care and therapy bed is an ideal solution for the demanding special requirements of critically ill patients. The bed uses innovative technologies to create an ideal combination of clinical benefits for patients and staff – medical, nursing and therapy. Unique features support vital patient functions and provide excellent working conditions for staff to help minimize the risks associated with caring for high acuity patients. This ensures that the patient can be treated safely and effortlessly. Multicare is a set of distinctive features and leading technology which provides solutions for many of the challenges faced in the high acuity environment.

#### **Special beds:**

#### Image 3-w

The bed is available in a version suitable for cleaning and disinfection in automatic hospital washing machines according to AK-BWA. The bed construction undergoes a special technological modification that increases its service life and durability.

#### Image 3 XXL

Image 3 XXL is a hospital bed specifically designed for bariatric patients looking for a comfortable, practical and safe healthcare bed with high standards. The main advantage of the Image 3 XXL bed is a high safe working load of 320 kg. Due to its versatility, this bariatric bed can be used in a wide range of hospital departments.





MZ Liberec, a.s. Rudník 4. 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Medical gas source stations

Products and services of our company ensure a trouble-free supply of medical gases within distribution systems thanks to their top quality while meeting the most demanding requirements of legal regulations and specialized working places.

#### Gas distribution and auxiliary elements

Wall-mounted MZ panels, gas quick outlets and adaptors, flowmeters, reduction valves, etc. enabling easy and efficacious connection and disconnection of two distribution sections, but also humidification, manual pressure adjustment of flowing-through fluid media among others.







ZAT a.s. K Podlesí 541, 261 01 Příbram Czech Republic

Roman Plavec +420 736 519 482 zat@zat.cz www.zat.cz

Company ZAT, a leader in the field of e-health and telemedicine, develops and supplies smart systems designed following clients' individual



requirements. These mobile applications enable users to have permanent control of his/her health state and complete control of medical care concerning his/her health. This unique software solution is based on the latest technologies, thanks to which the approach to health care is faster and more comfortable.

#### Mobile applications

Mobile applications of company ZAT for client's portals of health insurance companies provide the persons insured with the possibility to

get information from their accounts, to find contractual partners, and get displayed the benefits provided by their health insurance company.



E-platform SimONet provides data on activity in individual rooms and informs the personnel on non-standard events. It does not replace qualified medical personnel. However, it can help in such a way to achieve more effective care of the patients. What can be monitored?

- Temperature, humidity, noise, CO2, VOC
- Position and motion of patients in the rooms
- ✤ Fall of a person detection
- Open window and door detection





#### **Operating Theatres** 1.1



Beznoska, s.r.o. Dělnická 2727, 272 01 Kladno Czech Republic

+420 312 660 670 export@beznoska.cz www.beznoska.com

We supply implants for emergency orthopaedic. It is widely used especially for older patients in case of femoral neck fracture. This femoral stem allows to solve problem of fracture immediately. So far, there were almost 250.000 of all modifications of this femoral stem implanted.



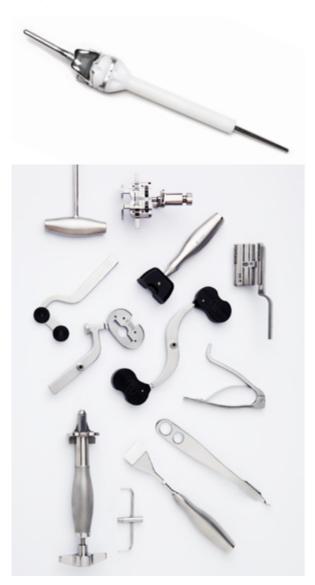






#### **Oncology departments**

We supply implants for oncological orthopaedic. You can find knee, hip, elbow or shoulder endoprosthesis with partial replacement of bones such as femur, tibia or humerus in our portfolio. Also, we produce individual pelvic replacement or total femur endoprosthesis. All implants are custom made.



#### Orthopaedic implants

Our company is manufacturer of orthopaedic implants and instruments for orthopaedic surgery. We specialize in large bone joints such as knee and hip, but you can also find shoulder, elbow or trapezio-metacarpal joint implants in our portfolio.



BLOCK CRS a.s. U Kasáren 727, 757 01 Valašské Meziříčí Czech Republic

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

### Turnkey implementations of operating theatres

We deliver operating theatres on a turnkey basis. We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

For the built-in operating theatres, we develop and manufacture our own system. The system is based on horizontal panel segmentation in three lines and allows the removal of the middle and bottom lines and a simple integration of technology, cabinets and other elements whenever the need arises. The system offers broad combinations and varieties of colours and materials.





CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky Czech Republic

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.

CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems – Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2





- Functional clothes with high visibility for paramedics according to EN ISO 20471
- + Absorbent pads and aids
- Rental linen and textile for commercial laundries and the rental system
- ✤ Patient clothing
- Bedlinen and textile for the health care system and the hotel environment.



#### EP Rožnov, a.s. Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz

EP Rožnov, a.s. has longtime specialization in the field of health service in the design, realization and service of operating rooms and background, intensive care units, departments of anaesthesiology and resuscitation.



During more than 25 years of activity in the area of complex operating room built-in we have gained enough knowledge and experience to develop and manufacture EP MEDICAL multifunctional system of operating rooms.

#### **EP MEDICAL operating rooms** are characterized by

- + High variability and compact solution
- + Easy integration of internal equipment
- + Accessories for even higher comfort of the personnel's work (preview monitor, hinged keyboard, operating lights with LED sources







and video system, multifunctional panel, audio systems, clock, furniture etc.).

- + Easy access to equipment in the operating room
- + Easy cleaning and disinfection of surfaces
- Modern design highlighting compactness, cleanness and functionality of operating rooms
- Simple assembly and possibility of future improvement

The design and realization of operating rooms includes complex solution of the building or built-in of the operating rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.

We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room. 🚽



Flídr medical s.r.o. Široký Důl 200, 572 01 **Czech Republic** 

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### SM-P and SM-Z ceiling bridges

- + They allow medical gases and electrical media to be brought into the doctor's workspace
- + Light, sufficiently rigid and not applying excessive load to the ceiling structure
- + Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position







+ Colours and selection of accessories according to customer requirements

#### SR ceiling arms

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- + Produced either without an arm, with one arm or with two arms, with the option of adding a modular or width supply head
- + They can be rotatable, swinging or combination thereof – adjustable on site
- Colours and selection of accessories according to customer requirements



# Gatema

#### Gatema Medical s.r.o.

Olomoucká 3419/7. 618 00 Brno Czech Republic

Jan Patloka +420 702 272 835 jan.patloka@gatema.cz www.gatema.com/audiovisual-system

#### Apollon

a medical audiovisual system in 4K resolution, integrating a wide range of equipment and peripheral systems in operating theatres. Apollon provides user-friendly instruments for capturing and further processing of audio-visual data from a surgery, multiple storage options, live streaming, in-room signal routing and complex videomanagement. Easy compatibility with any type of video source such as endoscopic camera, surgical robot, surgical light, IP camera, microscope or radiological devices brings a lot of benefits to public hospitals and private clinics. Possibilities of real-time surgical





videoconferencing provides hospitals with modern and highly effective methods of teaching medical students or organization of specialized congresses and enable remote consulting and analysis of difficult surgical interventions.

#### Key benefits:

- + Connectivity to any type of video signal
- Modularity simple configurations with easy upgrades
- + Simplicity easy installation and maintenance, intuitive operation
- Cost effectiveness unique price/ performance ratio
- ✤ "Real-time" transmission of video
- + Easy live streaming to mobile devices
- Remote consulting of difficult interventions
- + Educational instrument for medical students
- Analysis and debriefing performances

#### **ApCAM**

External preview camera suitable for capturing an unevenly lit operating field with high contrast lighting scenes. ApCAM is installed on a separate ceiling arm and can be operated and positioned independently from the surgical light.



#### Key benefits:

- Wide Dynamic Range function
- Multiple focus options: manual / automatic / OnePush
- + Automatic image stabilization

- Mechanical rotation up to 350°
- Control of the camera both locally within OR and remotely through IP stream
- + Unique combination of video outputs: HDMI/3G-SDI, IP stream
- Live streaming outside OR and multiple storage options
- Universal mounting system for all types of arms
- + Fully desinfectable cover removable for sterilization
- Cheirón ...we breathe for you.

#### CHEIRÓN a.s.

Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.



- Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan



INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

info@insio.cz +420 773 777 779 www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders





and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

#### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

#### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.



#### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



JIVA-Jirák spol. s r.o. K Jahodárně 170, 252 50 Vestec Czech Republic

Ondřej Duchač +420 774 539 395 duchaco@jiva.cz www.jiva.cz/sluzby/zdravotnictvi

Our company JIVA - JIRAK Ltd., with a tradition since 1935, offers an extensive range of stainless steel products for the healthcare and food





industries, as well as commercial outdoor furniture for parks and public areas.

#### Stainless-steel equipment for operating rooms

+ Depending on the customer's needs we supply stainless steel equipment for operating rooms, surgeries, hospital stores, etc.





Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky **Czech Republic** 

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw





on the rich experience and knowledge based on our long presence on the market.

We offer a complete range of stainless steel furniture, carts and accessories suitable for operating theatres.







MEDIATRADE s.r.o. č.p. 34, 757 01 Poličná Czech Republic

+420 737 784 177 business@mediatrade.cz www.mediatrade.cz

#### Pulse generators for the heart stimulation

- + Biphasic stimulation impulse
- + Continuously adjustable width of the stimulation impulse
- + More convenient and save for the heart muscle
- QRS detection
- + Any polarity of battery for inserting
- Stimulation modes: SSI, S00
- ✤ Width of the stimulus: 0.05-1ms
- + Amplitude of the stimulus: 0-28mA
- Inhibitor sensitivity: 0.5-20mV
- Frequency: 20-200ppm
- Overdrive frequency: 100-1000ppm
- Battery life: 30 days
- Proportion: 56x142x28mm, 137g

#### **EPG 10PD BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation, it is also designed for TAVI. The display shows the resistance of the inserted epicardialor transvenous electrode and intracardiac ECG.



#### EPG 10B **BIPHASIC**

#### Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery. Also ideal for TAVI - transcatheter aortic valve implantation).

#### EPG 10MO MONOPHASIC

Monophasic single chamber external pacemaker that preserves the required pulse of the patient thanks to monophasic stimulation intended for use in cardiology and cardiac surgery.



#### EPG 10M **MULTIFOCAL**

Multifocal single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology. Multifocal pacemaker is used for oesophageal pacing.



#### MEDIN. a.s. Vlachovická 619, 592 31 Nové Město na Moravě **Czech Republic**

+420 566 684 336 export@medin.cz www.medin.eu

MEDIN, a.s. is a Czech company focusing on production and distribution of medical instruments and implants for traumatology,



surgery, orthopaedics and dentistry. Our product portfolio comprises of nails, plates, screws and implants. Top systems including DGU 2018 award-winning and patented C-NAIL solution for calcaneal fractures, calcaneal distractor, preshaped pelvic plate OMEGA, screwdriver with screw fixation and rib plates are a part of the product range.







#### **Basic surgery**

Surgical instruments have a wide range of use in the surgeries and in operating theatres.



#### Radial plates volar distal

Plates are intended for osteosynthesis of intra-articular and extra-articular fractures of the distal radius on the volar side. The aim of osteosynthesis is the reconstruction of the articular surface, stable fixation of fragments, and restoration of radial length and angle.



MZ Liberec. a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.



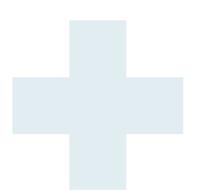


#### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.

#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.





ProSpon, spol. s r.o. Jiřího Voskovce 3206, 272 01 Kladno **Czech Republic** 

+420 312 247 763 prospon@prospon.cz www.prospon.cz

The company ProSpon is focused on the development, production and distribution of medical devices. It is holder of certificates IQNET, CQS, ISO 13 485 and, of course, CE certification for implant production of classes IIb and III.

ProSpon is a Czech company, which was founded in 1992 and since then it is focused



on the development, production and sale of medical devices and replacements for orthopaedics, traumatology and oncology. In addition, the company also manufactures external fixators, tools and implants for the reconstruction of the anterior cross-ligament, spinal fixators and others. The company



specializes in 3D printed custom-made implants, mainly for oncology patients. Replacements for both large and small joints such as Vektor knee implant, hip implants, screws and plates for maxillofacial surgeries are also major.

Furthermore, the company's strategy is to develop, manufacture and distribute high quality but affordable medical devices. The company has developed vast majority of the products that are currently produced. The research projects that ProSpon has completed are very well applied on determined target markets. R&D is also a priority part of the corporate strategy.



Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range of automatic sanitary equipment to the hospitals





and stainless steel products as well. In our assortment you can find e.g. touchless automatic washbasin tap, suitable for medical facilities, automatic disinfection dispenser or stainless steel washing trough, modified to the customer's specification.









**Special Medical** Technology Co. Ltd. Papírenská 5, 160 00 Praha 6 Czech Republic

+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/

SMT Company offers for more than 20 years own and innovative solutions for Electrosurgery and Cryosurgery for different hospital use. SMT products are widely known for outstanding quality, excellent (heavy-duty) performance, user friendly solution, and modern innovative design.

#### SMT BMM PF - Compact Electrosurgical Unit – efficient & compact device

This model line with maximum power of 400W offers powerful solution for wide range of medical applications and allows excellent room to room transfer ability due its light and compact modern design.

- + Low weight, small dimensions, and easy cleaning solution
- + Easy switching between monopolar and bipolar using footswitches or cut/coag handpiece



- + Optional modes for operation in saline and vessel sealing
- 12 programmable user settings
- Efficient cooling system allowing extremely long operation time on high power
- Automatic self control
- + Compatibility with wide range of instruments

#### **Cryospray SMT CS**

Small nonelectric cryosurgical devices using liquid nitrogen (-196 degrees of Celsius) are designed for effective treatment of a wide range of skin



lesions such as Common verruca, seborrheic keratosis, actinic keratosis, papilloma, lentiga, and other common lesions, inclusive haemorrhoids in surgery for inst.

- + No or minimal pain
- Applicable even in critical localities
- Minimal post-operative bleeding risk and minimal complications
- Excellent cosmetic result
- No side effects
- + The healing process after cryo-destruction takes place respecting the original anatomical states
- Quick, easy, and cost-effective solution





Synthesia, a.s. Semtín 103, 530 02 Pardubice Czech Republic

+420 466 824 503 oxycellulose@synthesia.eu www.okcel.eu

The company Synthesia, a.s. is the original manufacturer of biodegradable, bioresorbable and biocompatible oxidized cellulose based haemostats marketed under OKCEL® trademark. These professional haemostats are produced from extra-long staple cotton of the finest quality and are designed to control internal bleeding during a wide range of surgical procedures, including minimally invasive procedures.

#### Key OKCEL® products parameters:

- + Control of internal capillary, venous and minor arteriolar bleeding
- + Haemostasis within 1.5 minutes
- + Fast biodegradability (absorbed within 14 days)
- + 100% natural material
- ✤ No allergic reactions
- ✤ Antimicrobial effect





- Superior post-surgical wound healing
- Easy (re)positioning on the tissue with no memory effect
- Easy handling
- Sophistically designed packaging for easy opening with excellent protection against microbial penetration
- ✤ Wide portfolio range

#### Available portfolio range:

**OKCEL® H-T:** Knitted textile version of the absorbable haemostatic material with regular density. It is used to control capillary, minor venous and minor arteriolar diffuse bleeding.



**OKCEL® H-D:** Higher density knitted textile version of the absorbable haemostatic material with greater thickness, improved endurance and better efficiency. It is used to control haemostasis in higher volume capillary, venous or arteriolar bleeding.



**OKCEL® F:**Non-woven multi-layered and lightweight version of the absorbable haemostatic material with improved flexibility and extreme

absorbency. It is used to achieve haemostasis over large areas, at irregularly shaped bleeding sites or in areas that are difficult to access.

**OKCEL® S:** New innovative non-woven reinforced version of the absorbable haemostatic material with reduced weight and increased strength. It is designed to control capillary, venous and minor arteriolar diffuse bleeding in a wide range of surgical procedures. Its compactness, suction capacity and easy handling applies during open surgeries, while its higher strength at the same time enables an easier application through a laparoscopic trocar.



TSE spol. s r.o. Mánesova 74, 371 52 České Budějovice Czech Republic

+420 386 721 195 medical@tse.cz www.tse-medical.cz

#### Radiant Infant Warmer Natally

Safe and comfortable environment for newborn children in delivery rooms and during subsequent intensive care.

#### Key features

- Preheating mode, manual mode and body temperature mode
- Two-side rotating of the emitter by 90°
- Electrical bed tilting
- Positionable 9" colour LCD monitor
- + Vital sings monitoring by Masimo Rainbow SET
- Integrated weighing scale
- + Height-adjustable chassis with two-side control
- Phototherapeutic module
- Wide selection of accessories



#### Transport incubator TI-401

The solid structure of the Baby Active incubator is designed to resist the strains of transportation and to absorb impacts. Safety belts and a special anti-stress mattress guarantee the child's safety and comfort.

#### Key features

 It maintains stable climatic conditions (air and skin temperature, oxygen concentration, relative humidity) during patient transport





- Double transparent cover
- Optical and acoustic signalling of key parameters via alarm system
- Power from the internal energy source of the incubator (for at least 4 hours), possibility to be powered from a car battery or from standard mains
- Automatic charging of internal batteries when connected to a network
- Possibility of fitting with additional devices such as vital signs monitor, ventilator etc.
- Undercarriages for transportation by ambulance or for transport within hospital facilities

# **VUP**MEDICAL

#### VUP Medical, a.s. Šujanovo nám. 3, 602 00 Brno Czech Republic

+420 543 160 444 sales@vup.cz www.vup.cz

VUP Medical is a leading producer of medical devices for vascular surgery and hernia treatment. All products are developed, designed and produced in own facility in the Czech Republic and delivered all over the world. The company is fully compliant with ISO 9001, ISO 13 485 and all medical devices have CE label.

#### Vascular Surgery - Vascular prostheses:

Vascular prostheses are made of polyester filament yarn using a warp-knitting technology to obtain excellent strength and elasticity. Unique knitting pattern allows easy length adjustments without fraying, colour guiding line helps to surgeon precisely control prosthesis orientation during implantation. A continuous layer of chemically modified bovine collagen



ensures extremely low impermeability and fast tissue ingrowth after implantation. Knitted vascular prostheses have been specifically designed to treat abdominal aortic aneurysm (AAA), aortoiliac occlusive disease and peripheral arterial disease. Medical device is available in various modifications such as linear, bifurcated, incompressible and patch.



#### Hernia solutions - PP meshes

Hernia meshes are made of polypropylene monofilament and offered with different porosity and density to meet different needs per indication. PP mesh is nonabsorbable, designed as permanent support, with optimal elasticity, self-fixating behaviour and excellent handling characteristics. Hernia meshes are suitable for open inguinal hernioplasty as well as for laparoscopic surgery, specifically TEP and TAPP techniques. Medical device is available in multiple designs from standard, through light weighted up to extra-large pore mesh.





CLINITEX CLOTHING / CLINITEX

1.2 **Patient** Rooms





CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.

CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems -Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

#### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Eusable surgical gowns
- Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- + Functional clothes with high visibility for paramedics according to EN ISO 20471
- Absorbent pads and aids
- + Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- + Bedlinen and textile for the health care system and the hotel environment







Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### NR-H and NR-U wall-mounted supply systems

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Proven and popular products with the possibility of adding a wide range of accessories
- High-quality lighting
- Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Colours and selection of accessories according to customer requirements





#### SM-P and SM-Z ceiling bridges

- + They allow medical gases and electrical media to be brought into the doctor's workspace
- + Light, sufficiently rigid and not applying excessive load to the ceiling structure



- Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- + Colours and selection of accessories according to customer requirements



#### CHEIRÓN a.s.

Kukulova 24, 169 00 Prague 6 **Czech Republic** 

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.





- Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan



JIVA-Jirák spol. s r.o. K Jahodárně 170, 252 50 Vestec Czech Republic

#### Ondřej Duchač +420 774 539 395 duchaco@jiva.cz www.jiva.cz/sluzby/zdravotnictvi

#### Transport and handling equipment

A wide range of mobile handcarts and cabinets that find various uses for transporting all kinds of goods from laundry to delivering meals. You can also choose handcarts depending on the needs of the internal environment i.e. neutral, chilled, or heated. 🚽







Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.





We offer individual solutions for patient rooms. Our products are characterized by a high degree of variability.



MEDIATRADE s.r.o. č.p. 34, 757 01 Poličná **Czech Republic** 

+420 737 784 177 business@mediatrade.cz www.mediatrade.cz

#### Pulse generators for the heart stimulation

- Biphasic stimulation impulse
- Continuously adjustable width of the stimulation impulse
- + More convenient and save for the heart muscle
- QRS detection
- Any polarity of battery for inserting
- Stimulation modes: SSI. S00
- ✤ Width of the stimulus: 0.05-1ms
- Amplitude of the stimulus: 0-28mA
- Inhibitor sensitivity: 0.5-20mV
- + Frequency: 20-200ppm

**EPG 10PD BIPHASIC** Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation, it is also designed for TAVI. The display shows the resistance of the inserted epicardial or

#### **EPG 10B BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery. Also ideal for TAVI - transcatheter aortic valve implantation.



#### EPG 10MO MONOPHASIC

Monophasic single chamber external pacemaker that preserves the required pulse of the patient thanks to monophasic stimulation intended for use in cardiology and cardiac surgery.

#### Overdrive frequency: 100-1000ppm

- Battery life: 30 days
- Proportion: 56x142x28mm, 137g



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#### **EPG 10M MULTIFOCAL**

Multifocal single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology. Multifocal pacemaker is used for oesophageal pacing.



MZ Liberec. a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Vertical source column "ZS07"

Designed for high-standard rooms or intermediate care rooms and standard





bedrooms; especially in areas where it is not possible to install horizontal BHU.

#### Bed head units "RN"

Unmistakable design, variability and modularity; termination element supply of medical gases, electricity grids and low voltage distribution; for standard rooms, high-standard rooms or intermediate care rooms.



#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.





TSE spol. s r.o. Mánesova 74, 371 52 České Budějovice Czech Republic

+420 386 721 195 medical@tse.cz www.tse-medical.cz

#### Neonatal incubator Shelly

The SHELLY Incubator is already the fourth generation of newborn stationary incubators of TSE production. It is intended for both intermediate and intensive care. As a modern medical product, it provides high comfort for both the patient and healthcare personnel. Incubators are very variable and can be supplemented with a number of optional accessories.

#### Key features

- Control panel with colour 9" LED display visible from long distances
- + Absolute safety is provided by two independent processors and a sophisticated alarm system



- + The noise level in the newborn space is only 38 dB
- + Easy cleaning and disinfection, possibility of sterilization of the humidifier chamber by autoclave
- Adjustable bed, extensible to both sides, can be rotated by 45° at the patient's head
- + Air curtain, drawer for X-ray cassette, dual temperature probes
- Vital sings monitoring by Masimo Rainbow SET

#### Radiant Infant Warmer Natally

Safe and comfortable environment for newborn children in delivery rooms and during subsequent intensive care.

#### Key features

- Preheating mode, manual mode and body temperature mode
- Two-side rotating of the emitter by 90°
- Electrical bed tilting
- Positionable 9" colour LCD monitor
- + Vital sings monitoring by Masimo Rainbow SET
- Integrated weighing scale
- + Height-adjustable chassis with two-side control





- + Phototherapeutic module
- Wide selection of accessories

#### LED phototherapy lamp Lilly

The Phototherapy lamp Lilly represents the top of the class. The state-of-the-art LED technology is used for neonatal hyperbilirubinemia treatment. A unique apparatus combines safe therapy, ultra-long life of radiators, treatment effectiveness and economical operation.

#### Key features

- Long LED life
- + Automatic or manual intensity control
- White examination light allows correct identification of the infant's skin colour
- Pointer function activation of two red light points for radiator positioning
- Device programmable with buttons or PC
- Patient temperature control via alarm
- + Low noise level and easy to maintain
- + Use the lamp freely on an incubator or with a stand over the infant bed or warmer
- + Height adjustable stand and flexible positioning of the radiator in all directions







# Medical

VR medical s.r.o. Karlovarská 451/70, Severní Předměstí, 323 00 Plzeň Czech Republic

Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

VR Medical is certified medical devices (MDR Class 1 certification) using virtual reality in rehabilitation. It is a VR headset equipped with software and more than 30 applications specially developed in collaboration with therapists, doctors and patients.

Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.

#### VR Medical:

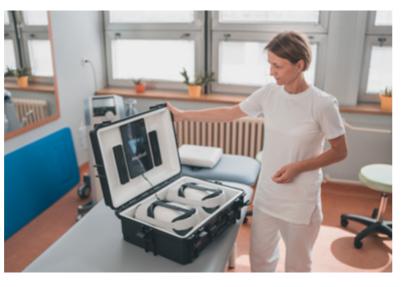
- Simplifies monitoring and analyzing patient progress
- + Helps determine the ideal rehabilitation programme
- + Can be used in both neurorehabilitation and orthopedic therapy
- + Allows patients to exercise easily, with fun and painlessly

Every application is built in cooperation with experts from each area and then tested on patients in clinical tests and trials.

#### VR Medical platform is focused on 3 main use-cases:

#### Modern and universal rehabilitation

- + Focusing on physiotherapy, occupational therapy and nursing care
- + Helps with a wide variety of diagnoses such as simple orthopedic exercises to







complex atrophying muscles or neurological disorders

Implemented in Hospitals, Clinics, Social Care Homes and Spa Facilities

#### Patient monitoring and analysis

- VR Medical system makes patient progress monitoring and analysis easier and helps with setting the best rehabilitation programme for every individual
- + Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- The system meets the highest cyber security criteria

#### Patient motivation

- Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies
- Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.



ZAT a.s. K Podlesí 541, 261 01 Příbram Czech Republic

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

✤ CONTACT FREE MEASUREMENT OF THE ENVIRONMENT AROUND PATIENTS' BED



- ➡ TRANSPARENT APPLICATION FOR PERSONNEL
- ➡ EFFECTIVE TIME MANAGEMENT
- ✤ NOTIFICATION



#### **Platform SimONet**

We ensure supervision over patients during personnel's absence. We simply install sensors in the rooms out of patients' reach without the necessity of construction modifications.

#### Notifications on non-standard state

You can display current values from individual rooms or receive notification on an event on any PC, phone or smartwatch.

#### Monitoring of climate in rooms (temperature, humidity, CO2)

We ensure automatic control e.g. room heating or A/C.

#### Monitoring according to your requirements

We can monitor rooms and notify hospital



personnel of leaving the room, opening/closing door and windows, patients' position within the room, e.g. in bed or out of bed, level of noise in the room, patients' possible fall from the bed, a change of patient's daily/weekly mode, all according to your requirements.

On portal www.simonet.eu. with protected access, you can any time display history of measurement and export data e.g. for analyses or insurance events.

#### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

#### Ozone benefits:

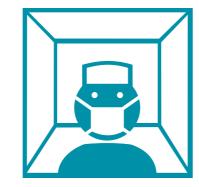
- + Antioxidant
- Improves circulation
- + Pain reliever Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- + Immune system stimulant
- Improves tissue oxygenation 🚽

-



CLEAN ROOMS / BLOCK CRS

#### 1.3 **Clean Rooms**





BLOCK CRS a.s. U Kasáren 727, 757 01 Valašské Meziříčí Czech Republic

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

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#### Turnkey implementations of clean rooms

We deliver clean rooms on a turnkey basis.

We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service. For the built-in clean rooms, we develop and manufacture our own systems. Their single components are designed in mutual compatibility



and so enable to create a cleanroom according to specific customer wishes. The systems are composed from: Wall systems and covings, Wall system glazing, Flooring including covings, Doors and door framing, Suspended ceilings, Lighting equipment, Filtration adapters, HVAC adapters and grilles, Medical furniture, Protection elements, Graphic panels, Accessories.



**EP Rožnov, a.s.** Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz

EP Rožnov, a.s. - comprehensive services in design and implementation of clean rooms in health service (operating rooms, laboratories, central sterilization, pharmacies and pharmacology facilities etc.), in pharmacy and in production of medical devices.

Our company has longtime specialization in clean rooms and has own production and assembly of components for construction of clean rooms (multifunctional wall system, ceiling system, doors, integrated furniture, laminar field, other airconditioning components, lights etc.)

The design and realization of clean rooms includes complex solution of the building or built-in of the clean rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.









We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room.



**JIVA-Jirák spol. s r.o.** K Jahodárně 170, 252 50 Vestec Czech Republic

Ondřej Duchač +420 774 539 395 duchaco@jiva.cz www.jiva.cz/sluzby/zdravotnictvi

#### Transport and handling equipment

A wide range of mobile handcarts and cabinets that find various uses for transporting all kinds of goods from laundry to delivering meals. You can also choose handcarts depending on the needs of the internal environment i.e. neutral, chilled, or heated.









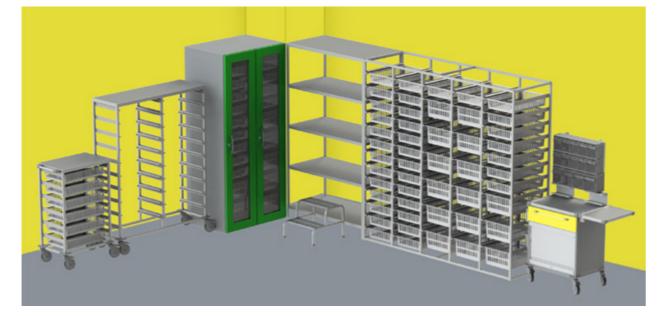


**Klaro, spol. s r. o.** Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the





rich experience and knowledge based on our long presence on the market.

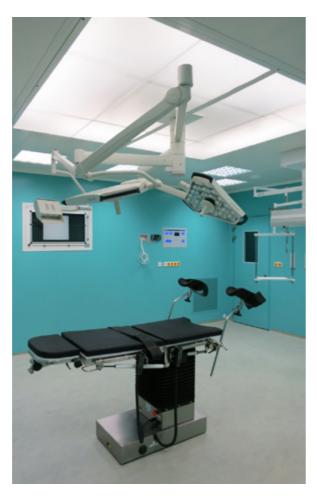
We offer clean room furniture with a strong emphasis on keeping surfaces clean and sterile.



**PD clean s.r.o.** Bílkova 855/19, 110 00 Praha 1 Czech Republic

+420 775 252 102 info@pdclean.cz www.pdclean.cz

PD clean s.r.o. (Ltd.) is a specialist in implementation of clean rooms for health service and for pharmacy, particularly in the form of complete turn-key deliveries. We implement job orders, including all stages of designing, deliveries of structures for the clean rooms, technologies, installations,



starting-up, warranty service, validations in accordance with GMP regulations, and possible permanent servicing of the plants delivered by us.



## 1.4 Critical Care Units/Intensive Care Units



ArdeaPharma a.s. Třeboňská 229, 373 63 Ševětín Czech Republic

Zbyněk Musil +420 725 570 386 sales@ardeapharma.cz www.ardeapharma.cz/en/



ArdeaPharma a.s. is a traditional producer of injection, infusion and other parenteral solutions filled into glass containers. The main production are local anesthetics, concentrates for solutions for infusions and solutions affecting the electrolyte and acid-base balance.





ARDEAPHARMA

ArdeaPharma is a holder of a number of certificates (SVP GMP, ISO, laboratory for quality assurance of medical and auxiliary substances) and provides chemical, microbiological and biological tests for other pharmaceutical and medical manufacturers.



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky Czech Republic

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.

CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.



The company has been certified with ISO 9001 (Quality management systems - Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

#### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- + Functional clothes with high visibility for paramedics according to EN ISO 20471
- Absorbent pads and aids
- + Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the and the hotel environment



Contipro a.s. č. p. 401, 561 02 Dolní Dobrouč **Czech Republic** 

+420 465 519 530 sales@contipro.com www.aktivnihojeni.cz www.hyaluronanhealing.com

#### Sorelex

SORELEX is wound dressing designed to speed up the healing process, remove wound slough and decrease exudate production. It is suitable



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for the healing of secreting, sloughy, infected, chronic and acute wounds (e.g. leg or diabetic ulcers). It contains the antimicrobial component octendine and hyaluronic acid, which activates regeneration processes in the wound. Its complex effect provides a great environment for moist wound healing.

#### Hyiodine

HYIODINE is an antimicrobial healing gel designed to speed up the healing of deep wounds and remove infection. Due to the gel



form and high safety, it is suitable especially for deep wounds after surgery, diabetic ulcers, fistulas, chronic wounds, acute complicated wounds, etc. Contains natural iodine which manages infection and impurities and hyaluronic acid, which activate natural regeneration processes in the wound.





ELLA-CS, s.r.o. Milady Horákové 504/45, Třebeš 500 06 Hradec Králové 6 Czech Republic

+420 495 279 111 info@ellacs.eu www.ellacs.eu

ELLA-CS developed and manufactures worldwide unique type of implant - the Danis stent, which stops acute or refractory bleeding from oesophageal varices. The stent can be implanted without X-rays, potentially even without endoscopy, and allows the patient to be released early from the ICU. The Danis Stent also allows the patient to drink and eat. It can stay inside the patient for up to 7 days.

ELLA-CS has also developed a unique ELLA Extractor - a patient-friendly tool for easy and safe removal of the implanted stent from the oesophagus.





EP Rožnov, a.s. Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz

EP Rožnov, a.s. has longtime specialization in the field of health service in the design, realization and service of operating rooms and background, intensive care units, departments of anaesthesiology and resuscitation.

During more than 25 years of activity in the area of complex operating room built-in we have gained enough knowledge and experience to develop and manufacture EP MEDICAL multifunctional system of operating rooms.

#### EP MEDICAL operating rooms are characterized by

- + High variability and compact solution
- + Easy integration of internal equipment
- + Accessories for even higher comfort of the personnel's work (preview monitor, hinged keyboard, operating lights with LED sources and video system, multifunctional panel, audio systems, clock, furniture etc.).
- + Easy access to equipment in the operating room
- + Easy cleaning and disinfection of surfaces
- Modern design highlighting compactness, cleanness and functionality of operating rooms







Simple assembly and possibility of future improvement

The design and realization of operating rooms includes complex solution of the building or built-in of the operating rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.

We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room. 🚽





Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### SM-P and SM-Z ceiling bridges

- + They allow medical gases and electrical media to be brought into the doctor's workspace
- Light, sufficiently rigid and not applying excessive load to the ceiling structure
- Optimal ratio of performance and cost



- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Colours and selection of accessories according to customer requirements





#### SR ceiling arms

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Produced either without an arm, with one arm or with two arms, with the option of adding a modular or width supply head
- + They can be rotatable, swinging or combination thereof – adjustable on site
- + Colours and selection of accessories according to customer requirements



CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- + 6year warranty on the vacuum pump

- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan



in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

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Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

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Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



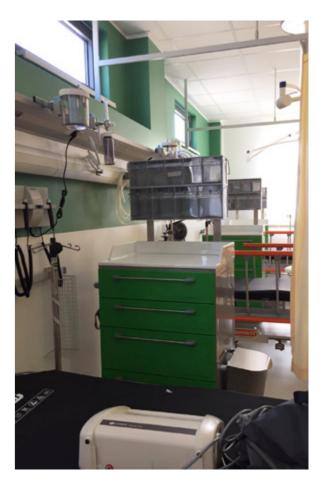






Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en



Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards





development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer equipment suitable for intensive and critical care units.



MEDIATRADE s.r.o. č.p. 34, 757 01 Poličná Czech Republic

+420 737 784 177 business@mediatrade.cz www.mediatrade.cz

#### Pulse generators for the heart stimulation

- + Biphasic stimulation impulse
- + Continuously adjustable width of the stimulation impulse
- + More convenient and save for the heart muscle
- QRS detection
- + Any polarity of battery for inserting
- Stimulation modes: SSI, S00
- ✤ Width of the stimulus: 0.05-1ms
- + Amplitude of the stimulus: 0-28mA
- Inhibitor sensitivity: 0.5-20mV

- Frequency: 20-200ppm
- Overdrive frequency: 100-1000ppm
- Battery life: 30 days
- Proportion: 56x142x28mm, 137g



Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation, it

**EPG 10PD BIPHASIC** 

is also designed for TAVI. The display shows the resistance of the inserted epicardial or transvenous electrode and intracardiac ECG.

#### **EPG 10B BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery. Also ideal for TAVI - transcatheter aortic valve implantation.

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#### EPG 10MO MONOPHASIC

Monophasic single chamber external pacemaker that preserves the required pulse of the patient thanks to monophasic stimulation intended for use in cardiology and cardiac surgery.

EPG 10M MULTIFOCAL Multifocal single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology. Multifocal



pacemaker is used for oesophageal pacing.

Charing Cross Scientific a.s. Koubkova 228/13, 120 00 Praha 2 Czech Republic

Zbyněk Musil +420 725 570 386 sales@nutrego.cz www.nutrego.eu

Nutrego is a Czech company which, together with its partners, provides services in the fields of nutrition therapy, gynaecology, internal medicine, practical medicine, dermatovenerology, clinical





psychology and others. We help to ensure comprehensi-ve services in the area of nutritional care for malnourished patients or patients with eating disorders, oncological diseases, patients before or after a surgery, patients after gastrointestinal surgeries and last but not least, for geriatric patients.

Clinical nutrition Nutrego is produced in the Czech Republic and complies with the highest quality standards. All our products are registered by the State Institute for Drug Control as foods for special clinical purposes. Nutrego can also be got from a network of pharmacies as an overthe-counter medicine.



MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.

#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.



#### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.





Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range of automatic sanitary equipment to the hospitals and stainless steel products as well.

- + Shower control with thermostatic mixer
- + Automatic soap and disinfection









- Shower head
- + Stainless steel folding chair
- Stainless steel shower trays
- Automatic washbasin taps
- Automatic toilet flushing units
- + Automatic wall-mounted thermostatic mixer
- Waste bins
- + Mirrors
- Stainless steel toilets and urinals
- Stainless steel toilet accessories
- Supply bin for paper towel and toilet paper
- Stainless steel washbasins and wash troughs 🚽

# **))**TSE

TSE spol. s r.o. Mánesova 74, 371 52 České Budějovice Czech Republic

+420 386 721 195 medical@tse.cz www.tse-medical.cz



#### **Neonatal incubator Shelly**

The SHELLY Incubator is already the fourth generation of newborn stationary incubators of TSE production. It is intended for both intermediate and intensive care. As a modern medical product, it provides high comfort for both the patient and healthcare personnel. Incubators are very variable and can be supplemented with a number of optional accessories.

#### Key features

- + Control panel with colour 9" LED display visible from long distances
- Absolute safety is provided by two independent processors and a sophisticated alarm system



- The noise level in the newborn space is only 38 dB
- + Easy cleaning and disinfection, possibility of sterilization of the humidifier chamber by autoclave
- + Adjustable bed, extensible to both sides, can be rotated by 45° at the patient's head
- + Air curtain, drawer for X-ray cassette, dual temperature probes
- Vital sings monitoring by Masimo Rainbow SET



#### **Radiant Infant Warmer Natally**

Safe and comfortable environment for newborn children in delivery rooms and during subsequent intensive care.

#### Key features

- Preheating mode, manual mode and body temperature mode
- Two-side rotating of the emitter by 90°
- Electrical bed tilting
- Positionable 9" colour LCD monitor
- Vital sings monitoring by Masimo Rainbow SET
- Integrated weighing scale
- + Height-adjustable chassis with two-side control
- + Phototherapeutic module
- + Wide selection of accessories

#### LED phototherapy lamp Lilly

The Phototherapy lamp Lilly represents the top of the class. The state-of-theart LED technology is used for neonatal hyperbilirubinemia treatment. A unique apparatus combines safe therapy, ultra-long life of radiators, treatment effectiveness and economical operation.

#### Key features

- ✤ Long LED life
- + Automatic or manual intensity control
- + White examination light allows correct identification of the infant's skin colour
- Pointer function activation of two red light points for radiator positioning
- Device programmable with buttons or PC
- Patient temperature control via alarm
- Low noise level and easy to maintain
- + Use the lamp freely on an incubator or with a stand over the infant bed or warmer
- + Height adjustable stand and flexible positioning of the radiator in all directions



Virtual Lab, s.r.o. Lipová 1789/9, 370 05 České Budějovice Czech Republic

#### Leoš Kubíček

+420 724 250 603 leos@virtual-lab.cz www.vricu.tech, www.virtual-lab.cz

Virtual Lab. s.r.o. was established in 2019 as a subsidiary and technology start-up of Holistic management, s.r.o., a strategic development and corporate management consulting firm (founded in 2005).

We create meaningful applications in virtual or augmented reality (VR/AR), which earn money, reduce costs, simplify work, and make processes more efficient for our customers.

VR ICU® - safe real lives with virtual training

VR ICU® is automatic training platform in virtual reality which simulates ICU procedures without real patients and devices.





#### VRI CU<sup>®</sup> unique skills-based training

- + Ensures delivery of only appropriate care
- Simulation of critical situations
- Significantly reduces the error rate
- Complex scenarios for medical devices
- Long-term performance monitoring
- + All languages

#### Multiplayer platform

- Collaborative and remote cooperation
- Team training
- Process automation
- Remote connect with experts
- Trainer assists directly in VR

#### Analytic of the training

- Procedure
- Skills
- Fails
- Behaviour
- + Time

connected with HR system and shift planner through FHIR or API

#### Artificial Intelligence (AI)

Scenarios using AI to practice, troubleshooting and patient-device interactions

VR ICU<sup>®</sup> is suitable for medical device manufacturers, hospitals, universities, schools, and centres of simulation medicine 4.







ZAT a.s. K Podlesí 541. 261 01 Příbram Czech Republic

Roman Plavec +420 736 519 482 zat@zat.cz www.zat.cz

#### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

#### Ozone benefits:

- + Antioxidant
- Improves circulation
- + Pain reliever
- Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue oxygenation





#### 1.5 Laboratories

Advanced Medical Solutions

**Advanced Medical** Solutions s.r.o. Vídeňská 101/119, 619 00 Brno **Czech Republic** 

+420 547 137 612 bohrn@amsolutions.cz www.amsolutions.cz



#### VLab-4000

Computer aided occlusion plethysmography for screening and early detection

The Vascular Laboratory 4000 is designed for the screning and evaluation of the quality of perfusion on the periphery, based on limb segments according to the methods of optical and occlusal plethysmography.



The system allows to perform a complete arterial, venous and lymphatic diagnostics based on proven protocols elaborated according to applicable guidelines.

#### The device implements these main methods:

- + "Arterial Inflow" measurement
- "Venus Reflux" measurement
- + "Arterial Pulse Analysis" measurement of plethysmographic pulse wave
- + "Finger Pressure" measurement
- ✤ "Plethysmography of Upper Limb Fingers with Cold Test" measurement

The main advantage of the device is an integration of these methods in one device for complex diagnotics, especially in preventive care.

The conception of the system allows an easy and autometed procedure to be performed by nurse or even bacically trained non-healthcare staff. Presently the system is successfully operated not only in the expert Cardio and Angiology centers but also within telemedical programmes for rural regions with a weak healthcare services network.





#### Indication:

- Suspicion to limb artery occlusion (PAD)
- Suspicion to chronic venous insufficiency (CVI)
- Monitoring the effect of treatment of venous and arterial diseases
- + Differential diagnosis of pain and swelling of the lower limbs
- Preventive screening diagnostics for vascular diseases of the lowe limbs
- Preventive screening diagnostics for vibration disease



#### BLOCK CRS a.s.

U Kasáren 727, 757 01 Valašské Meziříčí Czech Republic

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

#### Turnkey implementations of laboratories

We deliver laboratories on a turnkey basis. We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

For the implementations of laboratories, we develop and manufacture our own systems of cleanrooms. We are the producer of laboratory furniture and laboratory fume hoods, as well under the KÖTTERMANN brand-name.





#### Isolators for modern and gene therapy; Isolator for cytostatics

The isolator ensures a high protection of the personnel working with cytostatics and other dangerous substances. They are used for the preparation (dilution and dosing) of cytostatics, processing of tissues and cells, production of vacciness and processing of other clean processes and handling with hazardous materials, e.g. in pharmacies, health research and experimental centres as well as in clean rooms in hospitals. They work in the "A" Cleanliness Class vacuum atmosphere with laminar air flow of 0.45 m/s ±20%. We develop, design, and manufacture our own isolators.

#### Microbiological safety cabinet

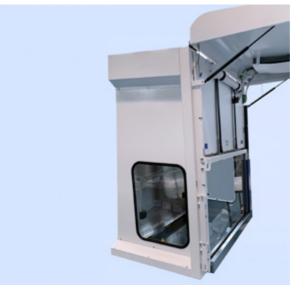
Microbiological Safety Cabinet Class II for product and personnel protection, suitable for all types of laboratories.

The SafeMate ECO+ series uses optimized airflow technology using only one fan instead of the usual two. This solution enables energy savings during operation and at the same time a higher level of safety due to better predictability of the cabinet behavior and a simpler setup.

#### Description

- Electrically operated front glass
- ✤ Tight seal closure system
- V-shaped anti obstruction front grill
- Low energy consumption DC motor blower
- + State of the art microprocessor control system
- Digital display with indicator of basic parameters
- + Alarms for low air flow and wrong front window position
- + Sloped front and back wall for the most comfortable access
- + Front access for filter maintenance and service
- + Full stainless-steel working area
- Side glasses for better lighting working area
- + Four sizes: 9000, 1200, 1500, 1800 mm





#### Parts

- Start/stop switch
- Soft touch keypad with display
- Alarm pilot light
- Side windows
- + Connection for flammable gas tap, Connection for inert fluids-vacuum tap
- Service sockets
- + Front intake grille
- Slots for rear suction
- Working surface



#### BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno

**Czech Republic** 

+420 545 537 111 mail@bmt.cz www.bmt.cz



#### Laboratory drying ovens

High-tech systems for heating and drying of materials with an accurate and reliable run of individual processes, suitable for use in research, development, production, business activities, or for quality control. The sectional principle that applies to the design of laboratory ovens allows a wide range of optional equipment and accessories. The basic model is available - depending on the oven



type – in volume size range from 22 to 707 litres, with either natural or forced air circulation and possibility to connect the vacuum.

#### Laboratory incubators

High-tech systems for incubation – both heating and cooling, humidity and light control – intended for use in research, development, production, business activities, or quality control. The





sectional principle that applies to the design of laboratory ovens allows a wide range of optional equipment and accessories. The basic model is available – depending on the oven type – in volume size range from 22 to 1212 litres, with either natural or forced air circulation, natural heating and cooling, controlled humidity and controlled CO2 atmosphere. The parameters inside the unit chamber are monitored and documented with the help of a PC, using a special SW WarmComm (optional equipment).

#### Steam sterilizers

An integral line of large steam sterilizers for the health service and laboratories. The sterilization



effect is achieved through the action of saturated water steam subject to a specified temperature, pressure and sterilization exposure time. Usually, a temperature of 121°C or 134°C is applied during the sterilization exposure time, which ranges from 4 – 60 minutes, depending on the nature of use. A module design allows variants to be put together according to customers' individual requirements. Most units can be ordered in a single- or double-door (open-through) design. 🖪



your way to electron microscopy...

#### **DELONG INSTRUMENTS a.s.**

Palackého třída 3019/153 b, 612 00 Brno Czech Republic

+420 549 123 511 info@delong.cz www.delong.cz

The compact and powerful LVEM 5 and LVEM 25 electron microscopes do not need any special facilities for installation and can be placed in a standard laboratory. This, combined with high contrast from biological samples, quick sample exchange, and user-friendly software and controls, makes the LVEM instruments perfect tools for medical laboratories.



EP Rožnov, a.s. Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz

EP Rožnov, a.s. - comprehensive services in design and implementation of clean rooms in



health service (operating rooms, laboratories, central sterilization, pharmacies and pharmacology facilities etc.), in pharmacy and in production of medical devices.

Our company has longtime specialization in clean rooms and has own production and assembly of components for construction of clean rooms (multifunctional wall system, ceiling system, doors, integrated furniture, laminar field, other airconditioning components, lights etc.)

The design and realization of clean rooms includes complex solution of the building or built-in of the







clean rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.

We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room.



# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.





#### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

#### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

#### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



**JIVA-Jirák, spol. s r.o.** K Jahodárně 170, 252 50 Vestec Czech Republic

Ondřej Duchač +420 774 539 395 duchaco@jiva.cz www.jiva.cz/sluzby/zdravotnictvi



#### Laboratory equipment

 We make custom-made and highly atypical products to the exact measurements and needs of laboratories and workplaces of research institutes.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich

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experience and knowledge based on our long presence on the market.

We offer individual solutions for laboratory equipment from our range of modular furniture.



## **PROFIL**

PROFIL NÁBYTEK. a.s.

Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

Laboratory equipment suitable for hospitals, blood laboratories and operations with high demands on resistance to chemical and



mechanical loads. Used hardware with lifetime warranty. High pressure laminates or laminated finish. Wide choice of colours. Dimensions of individual elements of the assembly can be designed and adjusted according to the customer's wish.



Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun **Czech Republic** 

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our stainless steel furniture is used in laboratories, operating theatres, emergency rooms, central sterilization or in another premises where high demands are placed on cleanliness and hygiene. All products are produced from stainless steel according to EN 1.4301 (AISI 304) or to EN 1.4404 (AISI 316L). The furniture is sorted into TOPline a CLEANline. Each project is solved individually in compliance with specific customer requirements.







#### **Central Sterilization** 16



BLOCK CRS a.s. U Kasáren 727, 757 01 Valašské Meziříčí **Czech Republic** 

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

Turnkey implementations of central sterilizations

We deliver central sterilizations on a turnkey basis. We provide complex services and realizations in full: Tailor-made design solutions, Financing,



Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

For the built-in central sterilizations, we develop and manufacture own systems. The systems are composed from: Wall systems and covings, Wall system glazing, Flooring including covings, Doors and door framing, Suspended ceilings, Lighting equipment, Filtration adapters, HVAC adapters and grilles, Medical furniture, Protection elements, Graphic panels, Accessories.



BM **MMM Group** 

BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno **Czech Republic** 

+420 545 537 111 mail@bmt.cz www.bmt.cz

#### Steam sterilizers

Complete turnkey central sterilizations delivery. We offer large-volume steam sterilizers of

the UNISTERI HP, STERIVAP, STERIVAP HP, STERIVAP SL series with a usable volume of 1 -18 STJ. They are intended for use on the surgery and central sterilisations in hospitals, medical and laboratory practice, and generally in all the fields where surgical operations are performed. Sterilizers can be equipped with a shelf system or transport carts and loading carts according to the order.

The steam generators are integrated into the device and are equipped with an automatic desalination unit as standard. If no compressed air respectively demi-water is available, it is possible to offer supply of a compressor, respectively a water treatment plants. A wide range of optional equipment allows customers to build their sterilizer on individual basis.

User support and service are fully provided by a worldwide network of contracting organizations of the company BMT Medical Technology s.r.o.





# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

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#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function. 🖪



JIVA-Jirák, spol. s r.o. K Jahodárně 170, 252 50 Vestec Czech Republic

Ondřej Duchač +420 774 539 395 duchaco@jiva.cz www.jiva.cz/sluzby/zdravotnictvi

We supply stainless steel equipment for central sterilisation in hospitals. There are a whole range of standardised products, both mobile and stationary.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky **Czech Republic** 

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer stainless steel equipment suitable for sterilization facilities. Furniture and other equipment can be individually adapted to meet the customers' requirements.













MEDIN, a.s. Vlachovická 619, 592 31 Nové Město na Moravě **Czech Republic** 

+420 566 684 336 export@medin.cz www.medin.eu

#### Containers for sterilization services

The container system represents the best choice for modern sterilizing centres. The flexible nature of the extremely large range of available containers offers to the operators an answer for every requirement in matters of packaging and transporting surgical apparatus.







Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range of automatic sanitary equipment to the hospitals and stainless steel products as well. In our assortment you can find e.g. touchless automatic washbasin tap, suitable for medical facilities, automatic disinfection dispenser or stainless steel washing trough, modified to the customer's specification.











DOCTOR'S OFFICE "PRAKTIK II" / PROFIL NÁBYTEK

#### **Diagnostic Rooms** 1.7



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical





gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.

CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all



partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems – Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

#### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- Functional clothes with high visibility for paramedics according to EN ISO 20471
- + Absorbent pads and aids
- Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the environment



#### Comedeq s.r.o. Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is ONE-DAY SURGERY/COMEDEQ

fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.



#### F medical s.r.o.

Jana Krušinky 1737/6, 500 02 Hradec Králové Czech Republic

+420 604 784 617 sales@fmedical.cz www.fmedical.cz

F medical s.r.o. is Czech dealer of **X-ray devices and complex IT solutions including PACS**. F medical s.r.o. provides complete customer











support from project creation to implementation and servicing of supplied technologies.

We can design a solution exactly to the customer needs. Our customers include both large faculty hospitals and small private offices including veterinary surgeries.





Our portfolio is large, we cooperate with several of the world's top suppliers.

- Digital X-ray systems
- Direct digitalization of existing X-ray devices
- PACS solutions and diagnostic stations
- Reliable service available 24/7
- Professional approach involving hundreds of installations
- Collaboration with leading global suppliers



#### CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.



- Extremely silent run
- + 6year warranty on the vacuum pump
- Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- + Reliable and vibration-free run
- Vacuum pump is cooled by extra fan

## in⁄jio

#### INSIO software s.r.o.

Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.



#### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

#### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.



#### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.





Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.





We offer a large range of multifunctional and specialised carts suitable for a variety of healthcare applications.

### **PROFIL**

PROFIL NÁBYTEK. a.s. Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

#### DOCTOR'S OFFICE "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a corner working table with optional desk, card file container, mobile container and kitchen. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.



#### PEDIATRICIAN'S EXAMINATION ROOM "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a double-sided workbench, a medicine cabinet, card file cabinet with eight drawers, examination bed and two mobile containers. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

We also offer (for detailed information please refer to the chapter 3. Pharmacies and Pharmatology Facilities):

#### PHARMACY CABINET

- sophisticated two-door drug preparation and storage cabinet.





#### PHARMACY CABINET "PRAKTIK"

- cabinet with optional interior equipment; opiate safe, glass shelves, diffusing glass in the door, master key system lock and other.

#### CARD FILES CABINET "PRAKTIK"

- card files cabinet four drawers A4 format.

#### MEDICAL WORKING DESK "MOVE ME" -

original design of single-sided working table or double-sided working table bench.

#### MOBILE CONTAINER "MOVE ME"

- office desk drawer with three drawers and pencil tray.

#### **BABY CHANGING UNIT**

- baby changing table with storage space for doctors' offices.

#### EXAMINATION BED WITH METAL SIDE -

compact examination stable bed with hinged headrest and storage cabinet.

#### **EXAMINATION BED "PRAKTIK"**

- examination stable bed with storage cabinet. 🚽

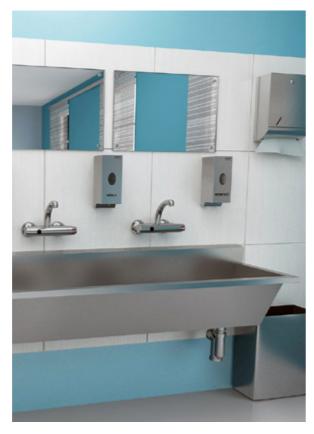




Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz





Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range of automatic sanitary equipment to the hospitals and stainless steel products as well. In our





assortment you can find e.g. touchless automatic washbasin tap, suitable for medical facilities, automatic disinfection dispenser or stainless steel washing trough, modified to the customer's specification.



VR medical s.r.o. Karlovarská 451/70, Severní Předměstí, 323 00 Plzeň **Czech Republic** 

Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

VR Medical is certified medical devices (MDR Class 1 certification) using virtual reality in rehabilitation. It is a VR headset equipped with software and more than 30 applications specially developed in collaboration with therapists, doctors and patients.

Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.

#### VR Medical:

 Simplifies monitoring and analyzing patient progress







- + Helps determine the ideal rehabilitation programme
- + Can be used in both neurorehabilitation and orthopedic therapy
- + Allows patients to exercise easily, with fun and painlessly

Every application is built in cooperation with experts from each area and then tested on patients in clinical tests and trials.

#### VR Medical platform is focused on 3 main use-cases:

#### Modern and universal rehabilitation

+ Focusing on physiotherapy, occupational therapy and nursing care





- + Helps with a wide variety of diagnoses such as simple orthopedic exercises to complex atrophying muscles or neurological disorders
- ✤ Implemented in Hospitals, Clinics, Social Care Homes and Spa Facilities

#### Patient monitoring and analysis

- + VR Medical system makes patient progress monitoring and analysis easier and helps with setting the best rehabilitation programme for every individual
- + Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- The system meets the highest cyber security criteria

#### Patient motivation

- + Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies
- + Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.



ZAT a.s. K Podlesí 541. 261 01 Příbram **Czech Republic** 

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

#### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

#### Ozone benefits:

- Antioxidant
- Improves circulation
- ✤ Pain reliever
- Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue
- oxygenation 4.



#### Rehabilitation 1.8 Centres



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz



CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.



CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems – Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

#### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- Functional clothes with high visibility for paramedics according to EN ISO 20471
- + Absorbent pads and aids
- Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the and the hotel environment



ERILENS s.r.o. Papírenská 114/5, 160 00 Praha 6 Czech Republic

Jana Dupalová +420 777 336 912 jdupalova@erilens.cz www.erilens.com ERILENS s.r.o. was established in 1992 and it develops, produces and distributes locomotion aids and medical materials such as crutches, walking sticks and finger splints.

#### Forearm crutch - FD 93

Upgraded forearm crutch FD 93 with a modern design. Improved ergonomic handles and extended forearm pad provide greater patient comfort. The crutches feature increased weight capacity and anti-click system for long-term use. Crutch is adjustable with 10 settings.



#### Forearm crutch with soft handle - VERA

Forearm crutch with a modern, improved ergonomic design. The crutch features an extended forearm pad and soft hand grip for maximum patient comfort. Thanks to the new anti-click system, these crutches stay silent, even during longterm use. Crutch is adjustable with 10 settings. High weight capacity.

#### Forearm crutch for kids - FDD 91

Upgraded children's forearm crutch FDD 91 with improved ergonomic and optimized performance. The crutch is characterized by high security and modern design. Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.



### Forearm crutch for kids with soft handle ELLA

Upgraded children's forearm crutch ELLA with improved ergonomic and soft hand grip for maximum patient comfort. The crutch is characterized by high security and modern design. Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.

#### Underarm duralumin crutch DPB 10

A very lightweight, height adjustable duralumin underarm crutch with high bearing capacity. The replaceable foam covers for the pads and hand grips are soft, hygienic, and easily maintained. Accessories include replacement hand grip and pad cover or a rubber crutch tip.





#### Finger splint type A

Quickly and easily treat finger injuries (especially of the extensor apparatus and torn ligaments). The splint is liahtweight and mouldable, while at



the same time sufficiently rigid. It features a foam lining and may be applied with a bandage or wrap. These splints come in three sizes.



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Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



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+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

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including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer tailor-made solutions for rehabilitation facilities that we create for our customers.

When designing furniture and accessories, we take into account the corresponding spatial layout specified by the customer or measured by our technicians at the customer's premises.

### ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

The company ORTEX (Ltd.) offers wide range of serious produced braces and bandages for the rehabilitation treatment of damaged joints and ligaments in various sizes and modifications. For the rehabilitation treatment we offer braces









with adjustable movement and support braces for gradual rehabilitation of damaged joints and tissues. We also offer wide range of lumbar and abdominal belts.





Parabel s.r.o. Padělky 192, 763 17 Lukov Czech Republic

+420 577 112 060 info@parabel.cz www.parabel.cz

#### Electro-mechanical gait simulating device

LokoHelp Model: LH 400M, LH 300M

The LokoHelp gait trainer was developed by Parabel s.r.o. as a complement to the treadmill for automated locomotor therapy. In connection with the treadmill and the device that helps relieve the patient, it enables a wide clientele of patients to benefit from automated locomotor therapy.



### Medical

VR medical s.r.o. Karlovarská 451/70. Severní Předměstí, 323 00 Plzeň Czech Republic

Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

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Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.

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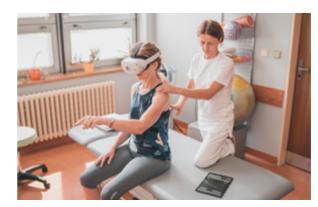
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The company has a long-term technological and strong financial background.



ZAT a.s. K Podlesí 541, 261 01 Příbram **Czech Republic** 

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

ZAT develops and produces a therapeutic device based on transcranial stimulation intended to be applied in rehabilitation centres and spa.





All processes are performed in accordance with the ISO 13485 requirements. We also provide a platform for collection, saving, evaluation and visualization of information through IoT technology. In general we provide the manufacturing, installation and service processes based on individual requirements.

#### Stimsmart

The electrotherapy device is intended for the application of therapeutic procedures of mesodiencephalic modulation (MDM). It works based on selective electrical stimulation of brain centres to trigger the release of biologically active substances into the blood circulation. The desired result affects the immune system of the patient's damaged organs or tissues and brings substantial relief.

#### **Key features:**

- + Usage during hospitalization or ambulatory treatment
- Possibility to treat 6 patients simultaneously
- Suitable for patients aged 18+

- Individual adjustment of each output channel
- Simple operation (after training the operation) of the device is possible by trained nursing staff)
- Multilingual versions (at present in Czech, English, Russian)
- Electronic User's Manual is the part of the basic equipment
- + Build-in IOT device for monitoring of use and facilitating service
- Multilevel security assurance

#### Ozosmart

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. ....

#### Ozone benefits:

- + Antioxidant
- Improves circulation
- + Pain reliever Antiinflammatory
- effects + Germicide (bacteria,
- viruses, fungi) Immune system
- stimulant
- Improves tissue oxygenation



#### 1.9 **Inpatient Wards**



ArdeaPharma a.s. Třeboňská 229, 373 63 Ševětín Czech Republic

Zbyněk Musil +420 725 570 386 sales@ardeapharma.cz www.ardeapharma.cz/en/

ArdeaPharma a.s. is a traditional producer of injection, infusion and other parenteral solutions filled into glass containers. The main







production are local anesthetics, concentrates for solutions for infusions and solutions affecting the electrolyte and acid-base balance.

ArdeaPharma is a holder of a number of certificates (SVP GMP, ISO, laboratory for quality assurance of medical and auxiliary substances) and provides chemical, microbiological and biological tests for other pharmaceutical and medical manufacturers.



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky Czech Republic

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

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- Absorbent pads and aids
- Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the hotel environment



**Comedeq s.r.o.** Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com



Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.



**Contipro a.s.** č. p. 401, 561 02 Dolní Dobrouč Czech Republic

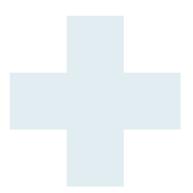
+420 465 519 530 sales@contipro.com www.aktivnihojeni.cz www.hyaluronanhealing.com

#### Sorelex

SORELEX is wound dressing designed to speed up the healing process. remove wound







slough and decrease exudate production. It is suitable for the healing of secreting, sloughy, infected, chronic and acute wounds (e.g. leg or diabetic ulcers). It contains the antimicrobial component octendine and hyaluronic acid, which activates regeneration



processes in the wound. Its complex effect provides a great environment for moist wound healing.

#### Hyiodine

HYIODINE is an antimicrobial healing gel designed to speed up the healing of deep wounds and remove infection. Due to the gel form and high safety, it is suitable especially for deep wounds after surgery, diabetic ulcers, fistulas, chronic wounds, acute complicated wounds, etc. Contains natural iodine which manages infection and impurities and hyaluronic acid, which activate natural regeneration processes in the wound.







Flídr medical s.r.o. Široký Důl 200, 572 01 **Czech Republic** 

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### NR-H and NR-U wall-mounted supply systems

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Proven and popular products with the possibility of adding a wide range of accessories
- High-quality lighting







- Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Colours and selection of accessories according to customer requirements

#### SM-P and SM-Z ceiling bridges

- + They allow medical gases and electrical media to be brought into the doctor's workspace
- + Light, sufficiently rigid and not applying excessive load to the ceiling structure
- + Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Colours and selection of accessories according to customer requirements



**GRADE MEDICAL s.r.o.** K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

#### NON-ADHESIVE COMPRESS

StopBac STERILE Compress is designed especially for moderate and medium secenating wounds such as venous ulcers, etc. It is not suitable for dry wounds as it could stick. It must be in fixed position. In case of a larger secenation, it can be covered with a secondary dressing. It has already been tested in burn centres, also with very good results, and can also be used to clean decubitus.



The material can be cut in any way to fill the wound cavity. Apply dark side (down) to wound.

With their unique properties, StopBac STERILE products constitute a new category, between simple, unmodified dressing and wet-to-dry healing. Compared to a simple dressing, they represent a more cost-effective form of treatment thanks to their barrier preventive effect, which protects the wound from complications during the healing process. The compress, in particular, may act as a suitable replacement for a wet gauze dressing containing silver, providing a long-term antimicrobial effect, comparable in terms of its effectiveness, but at a much more affordable price.





CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.



- Extremely silent run
- + 6year warranty on the vacuum pump
- Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan





# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

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Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

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We offer multifunctional furniture suitable for inpatient wards.









MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí **Czech Republic** 

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Bed head units "RN"

Unmistakable design, variability and modularity; termination element supply of medical gases, electricity grids and low voltage distribution; for standard rooms, high-standard rooms or intermediate care rooms.





#### Vertical source column "ZS07"

Designed for high-standard rooms or intermediate care rooms and standard bedrooms; especially in areas where it is not possible to install horizontal BHU.



#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.





Charing Cross Scientific a.s. Koubkova 228/13, 120 00 Praha 2 Czech Republic

Zbyněk Musil +420 725 570 386 sales@nutrego.cz www.nutrego.eu

Nutrego is a Czech company which, together with its partners, provides services in the fields of nutrition therapy, gynaecology, internal medicine, practical medicine, dermatovenerology, clinical psychology and others. We help to ensure comprehensive services in the area of nutritional care for malnourished patients or patients with eating disorders, oncological diseases, patients before or after a surgery, patients after gastrointestinal surgeries and last but not least, for geriatric patients.

Clinical nutrition Nutrego is produced in the Czech Republic and complies with the highest quality standards. All our products are registered by the State Institute for Drug Control as foods for special clinical purposes. Nutrego can also be got from a network of pharmacies as an overthe-counter medicine.



# ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

The company ORTEX (Ltd.) offers wide range of serious produced braces and bandages for individual inpatient wards - Traumatology, Orthopaedics, Neurology and Rehabilitation departments in various sizes and modifications. For these inpatient wards we offer rigid braces or braces with adjustable movement and support braces and bandages.







## PROFIL

PROFIL NÁBYTEK, a.s. Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

#### **INPATIENT ROOM STANDARD**

Simple functional equipment for inpatient rooms suitable for hospitals, nursing homes and senior houses. The assembly shown includes an adjustable bed with mechanical or electrical control, a bedside table with a hinged dining board, a chest of drawers and a shelf with LED lighting. Laminated version. Wide choice of colours or wood pattern including decorative print.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish.

Assembly elements are also sold separately.





#### INPATIENT ROOM VIP

Equipment of higher standard inpatient rooms suitable for hospitals or medical facilities with a higher standard of patient care. Depicted furniture wall or other elements of room equipment according to the customer's request are made in natural veneer or laminated wood. Dimensions and internal arrangement of individual elements of the assembly can be adjusted according to the customer's requirements. We offer custom production according to individual customer requirements, including architectural design of any room layout.

The bed and the bedside cabinet are supplied by the partner company LINET.

#### **INPATIENT ROOM**

Simple functional equipment for inpatient rooms suitable for nursing homes and senior houses. The assembly shown includes an adjustable bed with mechanical or electrical control, a bedside table with a hinged dining board, a chest of drawers and a shelf with

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#### VR medical s.r.o. Karlovarská 451/70. Severní Předměstí, 323 00 Plzeň

Czech Republic Konstantin Novikov

+420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

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 VR Medical system makes patient progress monitoring and analysis easier and helps with



setting the best rehabilitation programme for every individual

- + Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- + The system meets the highest cyber security criteria





#### Patient motivation

- Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies
- + Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.



CEILING PENDANTS "OK07" / MZ LIBEREC

#### 1.10 Anaesthesiological--Resuscitation Units



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.



CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems - Requirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

#### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- + Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- + Functional clothes with high visibility for paramedics according to EN ISO 20471
- Absorbent pads and aids
- + Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- + Bedlinen and textile for the health care system and the hotel environment



EP Rožnov, a.s. Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz

EP Rožnov, a.s. has longtime specialization in the field of health service in the design,



realization and service of operating rooms and background, intensive care units, departments of anaesthesiology and resuscitation.

During more than 25 years of activity in the area of complex operating room built-in we have gained enough knowledge and experience to develop and manufacture EP MEDICAL multifunctional system of operating rooms.





#### **EP MEDICAL operating rooms** are characterized by

- + High variability and compact solution
- + Easy integration of internal equipment
- + Accessories for even higher comfort of the personnel's work (preview monitor, hinged keyboard, operating lights with LED sources and video system, multifunctional panel, audio systems, clock, furniture etc.)
- + Easy access to equipment in the operating room
- + Easy cleaning and disinfection of surfaces
- Modern design highlighting compactness, cleanness and functionality of operating rooms
- Simple assembly and possibility of future improvement





The design and realization of operating rooms includes complex solution of the building or built-in of the operating rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.

We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room. 🖪



Flídr medical s.r.o. Široký Důl 200, 572 01 **Czech Republic** 

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### SM-P and SM-Z ceiling bridges

- + They allow medical gases and electrical media to be brought into the doctor's workspace
- + Light, sufficiently rigid and not applying excessive load to the ceiling structure

- + Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Colours and selection of accessories according to customer requirements

#### SR ceiling arms

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Produced either without an arm, with one arm or with two arms, with the option of adding a modular or width supply head
- They can be rotatable, swinging or combination thereof – adjustable on site
- + Colours and selection of accessories according to customer requirements







#### CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6

**Czech Republic** 

+420 377 590 411 export@cheiron.eu www.cheiron.eu

#### Victoria

High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- + 6year warranty on the vacuum pump
- Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan







INSIO software s.r.o. Vinohradská 167. 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz



INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

#### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities,



and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

#### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

#### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en



Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer mobile equipment and furniture for anaesthesiological-resuscitation units.





MEDIATRADE s.r.o. č.p. 34, 757 01 Poličná Czech Republic

+420 737 784 177 business@mediatrade.cz www.mediatrade.cz

#### Pulse generators for the heart stimulation

- Biphasic stimulation impulse
- Continuously adjustable width of the stimulation impulse
- More convenient and save for the heart muscle
- QRS detection
- Any polarity of battery for inserting
- Stimulation modes: SSI, S00
- ✤ Width of the stimulus: 0.05-1ms
- + Amplitude of the stimulus: 0-28mA
- Inhibitor sensitivity: 0.5-20mV
- Frequency: 20-200ppm
- Overdrive frequency: 100-1000ppm
- Battery life: 30 days
- Proportion: 56x142x28mm, 137g

#### EPG 10PD **BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation, it is also designed for TAVI. The display shows the resistance of the inserted epicardial or transvenous electrode and intracardiac ECG.



#### **EPG 10B BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery. Also ideal for TAVI - transcatheter aortic valve implantation.

#### EPG 10MO MONOPHASIC

Monophasic single chamber external pacemaker that preserves the required pulse of the patient thanks to monophasic stimulation intended for use in cardiology and cardiac surgery.

#### EPG 10M MULTIFOCAL

Multifocal single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology. Multifocal pacemaker is used for oesophageal pacing.







MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.

#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical





workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.

#### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.



Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun **Czech Republic** 

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range





of automatic sanitary equipment to the hospitals and stainless steel products as well. In our assortment you can find e.g. touchless automatic washbasin tap, suitable for medical facilities, automatic disinfection dispenser or stainless steel washing trough, modified to the customer's specification.









#### Virtual Lab, s.r.o. Lipová 1789/9, 370 05 České Budějovice **Czech Republic**

Leoš Kubíček +420 724 250 603 leos@virtual-lab.cz www.vricu.tech, www.virtual-lab.cz



Virtual Lab, s.r.o. was established in 2019 as a subsidiary and technology start-up of Holistic management, s.r.o., a strategic development and corporate management consulting firm (founded in 2005).

We create meaningful applications in virtual or augmented reality (VR/AR), which earn money, reduce costs, simplify work, and make processes more efficient for our customers.

VR ICU® - safe real lives with virtual training

VR ICU® is automatic training platform in virtual reality which simulates ICU procedures without real patients and devices.

#### VRI CU<sup>®</sup> unique skills-based training

- + Ensures delivery of only appropriate care
- Simulation of critical situations
- Significantly reduces the error rate
- Complex scenarios for medical devices
- Long-term performance monitoring
- All languages

#### Multiplayer platform

- Collaborative and remote cooperation
- Team training
- Process automation
- Remote connect with experts
- Trainer assists directly in VR

#### Analytic of the training

- + Procedure
- Skills
- ➡ Fails
- Behaviour
- + Time

connected with HR system and shift planner through FHIR or API

#### Artificial Intelligence (AI)

Scenarios using AI to practice, troubleshooting and patient-device interactions

VR ICU<sup>®</sup> is suitable for medical device manufacturers, hospitals, universities, schools, and centres of simulation medicine





MIMI / LINET

### Maternity 1.11 and Neonatology Wards



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz





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EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa **Czech Republic** 

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz



We design a special neonatal transport bag applicable for special and sensitive medical care of new-borns during a transport in incubators. The design of the bag enables to protect of a neonatal patient against risky movement and offers an easy access the newborn to manage the monitoring of life's functions, supporting breathing, etc.



Flídr medical s.r.o.

Široký Důl 200, 572 01 **Czech Republic** 

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### NR-H and NR-U wall-mounted supply systems

- + Wide range of colours and patterns with children's themes
- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Proven and popular products with the possibility of adding a wide range of accessories





- High-quality lighting
- Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Selection of accessories according to customer requirements

#### SM-P and SM-Z ceiling bridges

- + Wide range of colours and patterns with children's themes
- They allow medical gases and electrical media to be brought into the doctor's workspace
- + Light, sufficiently rigid and not applying excessive load to the ceiling structure,
- + Optimal ratio of performance and cost
- The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Selection of accessories according to customer requirements



#### SR ceiling arms

- + Wide range of colours and patterns with children's themes
- + They allow medical gas and electrical media to be brought into the doctor's workspace
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- + They can be rotatable, swinging or combination thereof – adjustable on site
- Selection of accessories according to customer requirements



#### CHEIRÓN a.s.

Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu





High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan

# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

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manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer individual solutions for maternity and neonatal wards.



LINET spol. s r.o. Želevčice 5, 274 01 Slaný **Czech Republic** 

Jiří Plecitý jiri.plecity@linet.cz www.linet.com/en/

#### Beds for Children and Newly-born:

#### Tom 2

Tom 2 is an electrically adjustable bed adapted in its design for pre-school children. The Tom 2 healthcare bed is equipped with a wide range





of sophisticated functions and thus can also be used in intensive care. The main advantages of Tom 2 are its safety and excellent unrestricted access of staff to the small patient.

#### Eleganza Smart Junior

Eleganza Smart Junior is a fully adjustable electric bed developed for pediatric patients aged 4-15. The dimensions of Eleganza Smart Junior are adapted to the ergonomics of a child's body.

#### Mimi

A healthcare bed designed for infants, with a removable tub, height adjustment and Trendelenburg and anti-Trendelenburg tilt positions. Manual adjustment is easier due to a gas spring and mobility of the bed is provided by four individually braked braking castors.

#### Birthing beds:

#### Ave 2

The AVE 2 birthing bed brings expectant mothers' maximum safety and comfort. Thanks to the AVE 2, the birth takes place naturally according to their expectations. For healthcare staff the bed is a reliable and practical tool which improves the quality and facilitates the care of the woman in labour at all stages of



birth. It creates a feeling of a pleasant and safe environment for the woman in labour and family members.

#### Mattresses

It is a known fact that the quality of a mattress has a direct effect on both the patients' comfort and the effectiveness of their treatment. LINET's range includes top-quality standard mattresses as well as mattresses that prevent pressure ulcers and alternating therapy systems.

#### Accessories

Among the LINET products there is a wide range of accessories such as IV Poles and holders, lifting poles, oxygen bottle holders, universal accessories, urine bottle and sack holders, and more.

#### Furniture

LINET offers practical, modern and easy to clean health care furniture intended for use in medical workplaces.

#### Nursing beds

Nursing care products stand out due to their modern design, easy operation and practical progressive features that considerably simplify daily care for the patient. The portfolio includes high-quality nursing care beds and mattresses as well as stylish medical furniture and useful accessories.



MZ Liberec, a.s. Rudník 4. 543 72 Rudník u Vrchlabí **Czech Republic** 

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.

#### Bed head units "RN"

Unmistakable design, variability and modularity; termination element supply of medical gases, electricity grids and low voltage distribution; for standard rooms, high-standard rooms or intermediate care rooms.





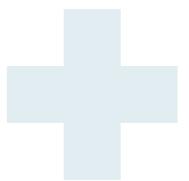
#### Vertical source column "ZS07"

Designed for high-standard rooms or intermediate care rooms and standard bedrooms; especially in areas where it is not possible to install horizontal BHU.

#### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.









TSE spol. s r.o. Mánesova 74, 371 52 České Budějovice **Czech Republic** 

+420 386 721 195 medical@tse.cz www.tse-medical.cz



Safe and comfortable environment for newborn children in delivery rooms and during subsequent intensive care.

#### Key features:

- Preheating mode, manual mode and body temperature mode
- + Two-side rotating of the emitter by 90°
- Electrical bed tilting
- Positionable 9" colour LCD monitor
- + Vital sings monitoring by Masimo Rainbow SET
- Integrated weighing scale
- + Height-adjustable chassis with two-side control
- + Phototherapeutic module
- Wide selection of accessories

#### **Transport incubator TI-401**

The solid structure of the Baby Active incubator is designed to resist the strains of transportation and to absorb impacts. Safety belts and a special anti-stress mattress guarantee the child's safety and comfort.

#### Key features:

- + It maintains stable climatic conditions (air and skin temperature, oxygen concentration, relative humidity) during patient transport
- Double transparent cover
- Optical and acoustic signalling of key parameters via alarm system
- Power from the internal energy source of the incubator (for at least 4 hours), possibility to be powered from a car battery or from standard mains
- + Automatic charging of internal batteries when connected to a network
- Possibility of fitting with additional devices such as vital signs monitor, ventilator etc.
- Undercarriages for transportation by ambulance or for transport within hospital facilities

We also offer Neonatal incubator Shelly and Phototherapy lamp Lilly (for detailed information please refer to the chapter 1.4. Critical Care Units/Intensive Care Units).







#### Principal engineering s.r.o.

Na hřebenech II 1718/8, 140 00 Praha 4 – Nusle **Czech Republic** 

**Philip Williamson** +420776189831 philip.williamson@principal.cz info@principal.cz www.principal.cz

PRINCIPAL is a group of companies and startups that provide comprehensive IT services and solutions for customers in the fields of finance, telecommunications, government and healthcare. PRINCIPAL's Telemedicine services include modern IT and communication technologies.

Its approach follows the current development of the digital transformation of healthcare, which focuses on strengthening the capacity





of the healthcare system, improving the quality of healthcare provided and the needs of the individual patient.

#### Principal Telemedicine provides:

- Remotely collected values of patients' vital signs and other biomarkers which are transmitted in real time to a medical specialists information system

- The physician manages the activities in the treatment process and the threshold parameters for the measured values. When prescribed activities are not met, set thresholds are exceeded, or difficulties are reported, the physician or nursing staff are alerted of the patient's current condition - This enables them to initiate the necessary treatment in time and avert negative effects on a patient's health. The data can be passed on to other hospital, outpatient or diagnostic systems

Principal Temedicine provides an environment for other services such as Penelope for the prevention of pre-eclampsia in expectant mothers, AJPACH for the care of people with Alzheimer's disease and others.



#### **PENELOPE - Intelligent Pre-eclampsia** Prevention

The Penelope app provides expectant mothers with high blood pressure and at risk of developing pre-eclampsia the opportunity to connect more closely with their doctor and better monitor the progress of their pregnancy. Using modern telecare technologies (telemedicine), Penelope strengthens the prevention of pre-eclampsia. Changes in disease risk are monitored with the help of artificial intelligence.

As part of the Penelope service (Preeclampsia Intelligent Prevention For Pregnant Women), patients' blood pressure values, the presence of protein in the urine and other symptoms associated with pre-eclampsia are continuously monitored remotely.

## PROFIL

PROFIL NÁBYTEK. a.s. Hradská 280. Humpolec 396 01 **Czech Republic** 

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

#### DOCTOR'S OFFICE "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a corner working table with optional desk, card file container, mobile container and kitchen. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.



Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

#### PEDIATRICIAN'S EXAMINATION ROOM "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a double-sided workbench, a medicine



cabinet, card file cabinet with eight drawers, examination bed and two mobile containers. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

#### DOCTOR'S OFFICE "POLYGON"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a double-sided workbench extended by two optional chest of drawers with doors or shelves. double overhead cabinet with sliding door and two mobile containers. Laminated finish. Selection of colours or wood design according to the sampler.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

We also offer (for detailed information please refer to the chapter 3. Pharmacies and Pharmatology Facilities):

PHARMACY CABINET - sophisticated two-door drug preparation and storage cabinet.

**PHARMACY CABINET** "**PRAKTIK**" – cabinet with optional interior equipment; opiate safe, glass shelves, diffusing glass in the door, master key system lock and other.

CARD FILES CABINET "PRAKTIK" - card files cabinet four drawers A4 format.

MEDICAL WORKING DESK "MOVE ME" - original design of single-sided working table or doublesided working table bench.

MOBILE CONTAINER "MOVE ME" - office desk



drawer with three drawers and pencil tray.

**BABY CHANGING UNIT** - baby changing table with storage space for doctors' offices.

**EXAMINATION BED WITH METAL SIDE** compact examination stable bed with hinged headrest and storage cabinet.

**EXAMINATION BED "PRAKTIK"** – examination stable bed with storage cabinet.



Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range











of automatic sanitary equipment to the hospitals and stainless steel products as well.

- Shower control with thermostatic mixer
- + Automatic soap and disinfection
- Shower head
- Stainless steel folding chair
- Stainless steel shower trays
- Automatic washbasin taps
- Automatic toilet flushing units
- + Automatic wall-mounted thermostatic mixer
- Waste bins
- Mirrors
- + Stainless steel toilets and urinals
- Stainless steel toilet accessories
- Supply bin for paper towel and toilet paper
- Stainless steel washbasins and wash troughs 🖪



#### **Emergency Departments** 1.12

### **Beznoska**<sup>®</sup> back in motion

Beznoska, s.r.o. Dělnická 2727, 272 01 Kladno Czech Republic

+420 312 660 670 export@beznoska.cz www.beznoska.com



We supply implants for emergency orthopaedic. It is widely used especially for older patients in case of femoral neck fracture. This femoral stem





allows to solve problem of fracture immediately. So far there was implanted almost 250.000 of all modifications of this femoral stem.



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky Czech Republic

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

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- Functional clothes with high visibility for paramedics according to EN ISO 20471
- Absorbent pads and aids
- Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the hotel environment

**COMEDEQ** MEDICAL EQUIPMENT COMPANY

#### Comedeq s.r.o.

Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.





EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa Czech Republic

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz

We supply a lot of equipment for first-aid treatment usable in the emergency department for immobilization of injures body parts as are vacuum fixation splints and mattresses and more over transport stretchers, medical and emergency bags for medical equipment/devices and many others. For the emergency department and its purposes, we can design and supply special temporary isolation chambers for a patient suspected of highly contagious disease when this room enables to provide the isolation and the hospital premises are protected from the potential spreading of the infection.





ELLA-CS, s.r.o. Milady Horákové 504/45, Třebeš 500 06 Hradec Králové 6 Czech Republic

+420 495 279 111 info@ellacs.eu www.ellacs.eu

ELLA-CS developed and manufactures worldwide unique type of implant - the Danis stent, which stops acute or refractory bleeding from oesophageal varices. The stent can be implanted without X-rays, potentially even without endoscopy, and allows the patient to be released early from the ICU. The Danis Stent also allows the patient to drink and eat. It can stay inside the patient for up to 7 days.

ELLA-CS has also developed a unique ELLA Extractor - a patient-friendly tool for easy and safe removal of the implanted stent from the oesophagus.







ERILENS s.r.o. Papírenská 114/5, 160 00 Praha 6 **Czech Republic** 

Jana Dupalová +420 777 336 912 jdupalova@erilens.cz www.erilens.com

ERILENS s.r.o. was established in 1992 and it develops, produces and distributes locomotion aids and medical materials such as crutches, walking sticks and finger splints.

#### Forearm crutch - FD 93

Upgraded forearm crutch FD 93 with a modern design. Improved ergonomic handles and extended forearm pad provide greater patient comfort. The crutches feature increased weight capacity and anti-click system for long-term use. Crutch is adjustable with 10 settings.

#### Forearm crutch with soft handle - VERA

Forearm crutch with a modern, improved ergonomic design. The crutch features an extended forearm pad and soft hand grip for maximum patient comfort. Thanks to the new anti-click system, these crutches stay silent, even during long-term use. Crutch is adjustable with 10 settings. High weight capacity.

#### Forearm crutch for kids - FDD 91

Upgraded children's forearm crutch FDD 91 with improved ergonomic and optimized performance. The crutch is characterized by high security and modern design. Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.

#### Forearm crutch for kids with soft handle ELLA

Upgraded children's forearm crutch ELLA with improved ergonomic and soft hand grip for maximum patient comfort. The crutch is characterized by high security and modern

design. Has increased load capacity and anticlick system for long-term use. Adjustable in 10 heights.

#### Underarm duralumin crutch DPB 10

A very lightweight, height adjustable duralumin underarm crutch with high bearing capacity. The replaceable foam covers for the pads and hand grips are soft, hygienic, and easily maintained. Accessories include replacement hand grip and pad cover or a rubber crutch tip.

#### Finger splint type A

Quickly and easily treat finger injuries (especially of the extensor apparatus and torn ligaments). The splint is lightweight and mouldable,

while at the same time sufficiently rigid. It features a foam lining and may be applied with a bandage or wrap. These splints come in three sizes. 🚽





Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

#### NR-H and NR-U wall-mounted supply systems

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Proven and popular products with the possibility of adding a wide range of accessories
- High-quality lighting
- + Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Colours and selection of accessories according to customer requirements

#### SM-P and SM-Z ceiling bridges

They allow medical gases and electrical media to be brought into the doctor's workspace









- Light, sufficiently rigid and not applying excessive load to the ceiling structure
- Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- + Colours and selection of accessories according to customer requirements



#### GRADE MEDICAL s.r.o.

K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

#### STANDARD ADHESIVE DRESSING

These are post-operative patches of 5x7.5 cm, 10x10 cm, 10x15 cm, 10x20 cm (pack of 20 pcs) 10x30 cm (pack of 20 pcs). The patches are intended primarily for postoperative inpatient wards to hospitals. The patches are white in colour and are made out of textile.



The philosophy of this product is to provide added value in the form of preventive protection of postoperative and urgent wounds against complications in its healing and contamination, at an affordable cost over conventional patches. StopBac is the best choice if we want to prevent postoperative wound against complications in its healing by providing excellent antibacterial protection for the lowest price.

At present, postoperative wounds are increasingly covered with standard plasters, which can only benefit from manual wound dressing and low price. StopBac STERILE can therefore be seen as a product that aims to prevent hospitals from risking wound healing complications, worsening patient status and dramatically increasing the cost of treatment but rather avoiding such complications and investing more in prevention.



StopBac STERILE is suitable for any postoperative and urgent wound. Although, of course, it is more expensive than simple dressing, it provides significantly better wound protection and can be left on the wound for a longer time, thus reducing the frequency of dressing changes (possibly up to 7 days). Therefore, StopBac is cost-effective, helps reduce the overall cost of treatment, and is particularly suitable for healthcare facilities that want to provide more comfort to their patients.

#### ADHESIVE AQUASTOP DRESSING

Mentioned information about the StopBac STERILE (Standard) is also applicable for the StopBac STERILE Aquastop.



In addition, the Aquastop version offers the benefit of a waterproof design, allowing the patient to perform hygiene and shower. The patch can withstand several showers, which means that it does not have to be changed so often while maintaining hygiene. The dressing also has a transparent adhesive border, allowing visual inspection of the wound surroundings.

StopBac STERILE Compress does not contain adhesive edges so it does not irritate the wound area. Due to its appearance and chosen non-woven fabric (viscose) it is intended for healing of long-term non-healing wounds. This feature and its price make it suitable for inpatient wards which purchase the material directly and not through the public health insurance system and therefore addresses not only quality but also the cost.



CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu



High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled by extra fan



INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders



and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

#### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.



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Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

#### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere.



Helpdesk keeps track of deadlines and monitors reaction times.

#### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling





carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer individual solutions for carts and furniture for the emergency department, including a stainless steel programme.



MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

#### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.

#### Medical beams "ZMP"

Ceiling- or wall-mounted; supply of medical gases and electricity in the optimal distance to the patient's bed in specialized medical workplace (ARD, ICU). Can be equipped with other outlets and a large range of accessories.



#### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.









ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

The company ORTEX (Ltd.) offers more than 75 kinds of serious produced braces and bandages in various sizes and modifications including children collection. For Emergency Departments we offer rigid braces for all body parts – from collars to ankle.









ProSpon, spol. s r.o. Jiřího Voskovce 3206, 272 01 Kladno Czech Republic

+420 312 247 763 prospon@prospon.cz www.prospon.cz

The company ProSpon is focused on the development, production and distribution of medical devices. It is holder of certificates IQNET, CQS, ISO 13 485 and, of course, CE certification for implant production of classes IIb and III.



ProSpon is a Czech company, which was founded in 1992 and since then it is focused on the development, production and sale of medical devices and replacements for orthopaedics, traumatology and oncology. In addition, the company also manufactures external fixators, tools and implants for the reconstruction of the anterior cross-ligament, spinal fixators and others. The company specializes in 3D printed



custom-made implants, mainly for oncology patients. Replacements for both large and small joints such as Vektor knee implant, hip implants, screws and plates for maxillofacial surgeries are also major.

Furthermore, the company's strategy is to develop, manufacture and distribute high quality but affordable medical devices. The company has developed vast majority of the products that are currently produced. The research projects that ProSpon has completed are very well applied on determined target markets. R&D is also a priority part of the corporate strategy.



Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz







Our stainless steel furniture is used in laboratories, operating theatres, emergency rooms, central sterilization or in another premises where high demands are placed on cleanliness and hygiene. All products are produced from stainless steel according to EN 1.4301 (AISI 304) or to EN 1.4404 (AISI 316L). The furniture is sorted into TOPline a CLEANline. Each project is solved individually in compliance with specific customer requirements. 🚽



**Special Medical** Technology Co. Ltd. Papírenská 5, 160 00 Praha 6 Czech Republic

+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/

SMT Company offers for more than 20 years own and innovative solutions for Electrosurgery and Cryosurgery for different hospital use.



SMT products are widely known for outstanding quality, excellent (heavy-duty) performance, user friendly solution, and modern innovative design.

#### SMT BMM PF - Compact Electrosurgical Unit - efficient & compact device

This model line with maximum power of 400W offers powerful solution for wide range of medical applications and allows excellent room to room transfer ability due its light and compact modern design.



- + Low weight, small dimensions, and easy cleaning solution
- + Easy switching between monopolar and bipolar using footswitches or cut/coag handpiece
- + Optional modes for operation in saline and vessel sealing
- + 12 programmable user settings
- Efficient cooling system allowing extremely long operation time on high power
- + Automatic self control
- Compatibility with wide range of instruments

#### **Cryospray SMT CS**

Small nonelectric cryosurgical devices using liquid nitrogen (-196 degrees of Celsius) are designed for effective treatment of a wide range of skin lesions such as Common verruca, seborrheic keratosis, actinic keratosis, papilloma, lentiga, and other common lesions, inclusive haemorrhoids in surgery for inst.

- No or minimal pain
- + Applicable even in critical localities
- Minimal post-operative bleeding risk and



- minimal complications
- + Excellent cosmetic result
- No side effects
- ✤ The healing process after cryo-destruction takes place respecting the original anatomical states
- Quick, easy, and cost-effective solution



Virtual Lab, s.r.o. Lipová 1789/9, 370 05 České Budějovice **Czech Republic** 

Leoš Kubíček +420 724 250 603 leos@virtual-lab.cz www.vricu.tech. www.virtual-lab.cz

Virtual Lab, s.r.o. was established in 2019 as a subsidiary and technology start-up of Holistic management, s.r.o., a strategic development and corporate management consulting firm (founded in 2005).

We create meaningful applications in virtual or augmented reality (VR/AR), which earn money,

reduce costs, simplify work, and make processes more efficient for our customers.

VR ICU<sup>®</sup> - safe real lives with virtual training

VR ICU<sup>®</sup> is automatic training platform in virtual reality which simulates ICU procedures without real patients and devices.

#### VRI CU<sup>®</sup> unique skills-based training

- Ensures delivery of only appropriate care
- Simulation of critical situations
- Significantly reduces the error rate
- Complex scenarios for medical devices
- + Long-term performance monitoring
- + All languages

#### Multiplayer platform

- Collaborative and remote cooperation
- Team training
- Process automation
- Remote connect with experts
- Trainer assists directly in VR

#### Analytic of the training

- Procedure
- Skills
- + Fails
- Behaviour
- + Time

connected with HR system and shift planner through FHIR or API









#### Artificial Intelligence (AI)

Scenarios using AI to practice, troubleshooting and patient-device interactions

VR ICU<sup>®</sup> is suitable for medical device manufacturers, hospitals, universities, schools, and centres of simulation medicine

### Medical

VR medical s.r.o. Karlovarská 451/70. Severní Předměstí, 323 00 Plzeň Czech Republic

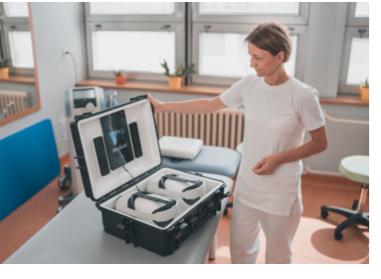
Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

VR Medical is certified medical devices (MDR Class 1 certification) using virtual reality in rehabilitation. It is a VR headset equipped with software and more than 30 applications specially developed in collaboration with therapists, doctors and patients.





Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.









#### **VR Medical:**

- + Simplifies monitoring and analyzing patient progress
- + Helps determine the ideal rehabilitation programme
- + Can be used in both neurorehabilitation and orthopedic therapy
- + Allows patients to exercise easily, with fun and painlessly

Every application is built in cooperation with experts from each area and then tested on patients in clinical tests and trials.

#### VR Medical platform is focused on 3 main use-cases:

#### Modern and universal rehabilitation

- + Focusing on physiotherapy, occupational therapy and nursing care
- + Helps with a wide variety of diagnoses such as simple orthopedic exercises to complex atrophying muscles or neurological disorders
- Implemented in Hospitals, Clinics, Social Care Homes and Spa Facilities

#### Patient monitoring and analysis

- ✤ VR Medical system makes patient progress monitoring and analysis easier and helps with setting the best rehabilitation programme for every individual
- Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- The system meets the highest cyber security criteria

#### Patient motivation

- Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies

+ Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.

### $\mathbf{O}$ **VUP**MEDICAL

#### VUP Medical. a.s. Šujanovo nám. 3, 602 00 Brno Czech Republic

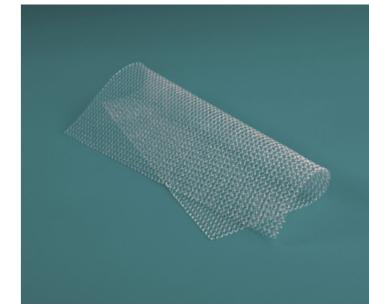
+420 543 160 444 sales@vup.cz www.vup.cz

VUP Medical is a leading producer of medical devices for vascular surgery and hernia treatment. All products are developed, designed and produced in own facility in the Czech Republic and delivered all over the world. The company is fully compliant with ISO 9001, ISO 13 485 and all medical devices have CE label.

Vascular prostheses are made of polyester filament yarn using a warp-knitting technology to obtain excellent strength and elasticity. Unique knitting pattern allows easy length adjustments without fraying, colour guiding line helps to surgeon precisely control prosthesis orientation during implantation. A continuous layer of chemically modified bovine collagen ensures extremely low impermeability and fast tissue ingrowth after implantation. Knitted vascular prostheses have been specifically designed to treat abdominal aortic aneurysm (AAA), aortoiliac occlusive disease and peripheral arterial disease. Medical device is available in various modifications such as linear, bifurcated, incompressible and patch.









#### Hernia solutions - PP meshes

Hernia meshes are made of polypropylene monofilament and offered with different porosity and density to meet different needs per indication. PP mesh is nonabsorbable, designed as permanent support, with optimal elasticity, self-fixating behaviour and excellent handling characteristics. Hernia meshes are suitable for open inguinal hernioplasty as well as for laparoscopic surgery, specifically TEP and TAPP techniques. Medical device is available in multiple designs from standard, through light weighted up to extra-large pore mesh.



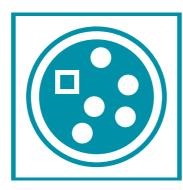
### 1.13 Oncology Departments



Beznoska. s.r.o. Dělnická 2727, 272 01 Kladno Czech Republic

+420 312 660 670 export@beznoska.cz www.beznoska.com

We supply implants for oncological orthopaedic. You can find knee, hip, elbow or shoulder



endoprosthesis with partial replacement of bones such as femur, tibia or humerus in our portfolio. Also, we produce individual pelvic replacement or total femur endoprosthesis. All implants are custom made.





CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava – Kunčičky **Czech Republic** 

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.



CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems - Requirements) and ISO 13485 (Medical devices - Quality management systems - requirements for regulatory purposes).



### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- + Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- + Functional clothes with high visibility for paramedics according to EN ISO 20471
- + Absorbent pads and aids
- + Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- Bedlinen and textile for the health care system and the hotel environment



ELLA-CS, s.r.o. Milady Horákové 504/45, Třebeš 500 06 Hradec Králové 6 Czech Republic

+420 495 279 111 info@ellacs.eu www.ellacs.eu

The core of the ELLA-CS portfolio are selfexpanding metal stents for the gastrointestinal tract for palliative treatment of malignant





strictures. There are products with special features, such as the unique anti-migration design of the HV Plus oesophageal stent, which has the lowest migration compared to other fully covered stents.



Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

### NR-H and NR-U wall-mounted supply systems

- Wide range of colours and patterns with children's themes
- They allow medical gas and electrical media to be brought into the doctor's workspace
- Proven and popular products with the possibility of adding a wide range of accessories
- High-quality lighting
- Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Selection of accessories according to customer requirements

### SM-P and SM-Z ceiling bridges

- Wide range of colours and patterns with children's themes
- They allow medical gases and electrical media to be brought into the doctor's workspace

- Light, sufficiently rigid and not applying excessive load to the ceiling structure
- + Optimal ratio of performance and cost
- The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Selection of accessories according to customer requirements

### SR ceiling arms

- Wide range of colours and patterns with children's themes
- They allow medical gas and electrical media to be brought into the doctor's workspace
- Produced either without an arm, with one arm or with two arms, with the option of adding a modular or width supply head
- They can be rotatable, swinging or combination thereof – adjustable on site
- Selection of accessories according to customer requirements







## in⁄jio

### INSIO software s.r.o.

Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.





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Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

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### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere.



Helpdesk keeps track of deadlines and monitors reaction times.

### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including





a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer furniture and carts suitable for oncology wards, including a stainless steel programme.



ProSpon, spol. s r.o. Jiřího Voskovce 3206, 272 01 Kladno **Czech Republic** 

+420 312 247 763 prospon@prospon.cz www.prospon.cz

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has developed vast majority of the products that are currently produced. The research projects that ProSpon has completed are very well applied on determined target markets. R&D is also a priority part of the corporate strategy.



### UJP PRAHA a.s.

Nad Kamínkou 1345. 156 10 Praha 5 – Zbraslav Czech Republic

+420 227 180 362 ujp@ujp.cz www.ujp.cz

Company is manufacturer and supplier of medical equipment and system for radiotherapy. We provide a wide range of services related to our equipment for to have our customer fully satisfied with our device, warranty and after-warranty service and personal training. Equipment is operated in many countries, e.g. Slovakia, former SU, the delivery was done for Europe, Africa, Asia, Latin America clinics.

### **RADIOTHERAPY EQUIPMENT** AND SYSTEMS

### Radiotherapy cobalt unit TERABALT

Modern equipment guarantees a high-quality irradiation of oncological patients with the application of the most modern digital technologies of control systems.

+ TYPE 80/100 (SAD 80/100), symmetric (model SCS) and asymmetric (model ACS) collimation system



- + Accurate radiation dose transfer in the space
- + Application of the most modern radiotherapy trends
- On-line diagnostics at the operating unit conditions

### Radiotherapy X-ray simulator TERASIX

Unique concept of X-ray simulator for radiotherapy for the planning of the radiotherapy treatment of the patient virtually complemented with all the information for application of the treatment.

- Simulation of all types of teletherapeutic irradiators
- Simulation of multi-leaf collimator (MLC) at arbitrary position
- Possibility of modification proposal for individual fields shaping devices
- Digitalization of the X-ray image in real time

### **Record and Verify system TERAGIS**

TERAGIS is the database system allows to acquire, store and use the patient's treatment data.

- Verification of the treatment parameters
- Own treatment calendar for working day planning and patients
- System is fully integrated part of RCU TERABALT and TERASIX simulator

### 3D Radiotherapy treatment planning system PlanW

- Support of the saving of the patient's data
- ✤ 3D conformal radiation therapy
- Support of interconnections of radiotherapy equipment and system via the data format DICOM RT , the system can be seamlessy integrated into a common hospital network.

### Certification: CE, ISO





### VR medical s.r.o. Karlovarská 451/70, Severní Předměstí, 323 00 Plzeň Czech Republic

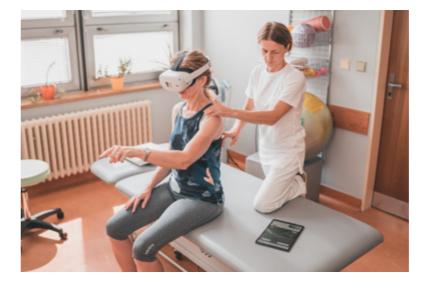
**Konstantin Novikov** +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

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Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.

### VR Medical:

- Simplifies monitoring and analyzing patient progress
- + Helps determine the ideal rehabilitation programme
- + Can be used in both neurorehabilitation and orthopedic therapy









+ Allows patients to exercise easily, with fun and painlessly

Every application is built in cooperation with experts from each area and then tested on patients in clinical tests and trials.

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### Modern and universal rehabilitation

- Focusing on physiotherapy, occupational therapy and nursing care
- + Helps with a wide variety of diagnoses such as simple orthopedic exercises to



complex atrophying muscles or neurological disorders

+ Implemented in Hospitals, Clinics, Social Care Homes and Spa Facilities

### Patient monitoring and analysis

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- + Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- The system meets the highest cyber security criteria

### **Patient motivation**

- + Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies
- + Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.



ZAT a.s. K Podlesí 541, 261 01 Příbram **Czech Republic** 

**Roman Plavec** +420 736 519 482 zat@zat.cz www.zat.cz

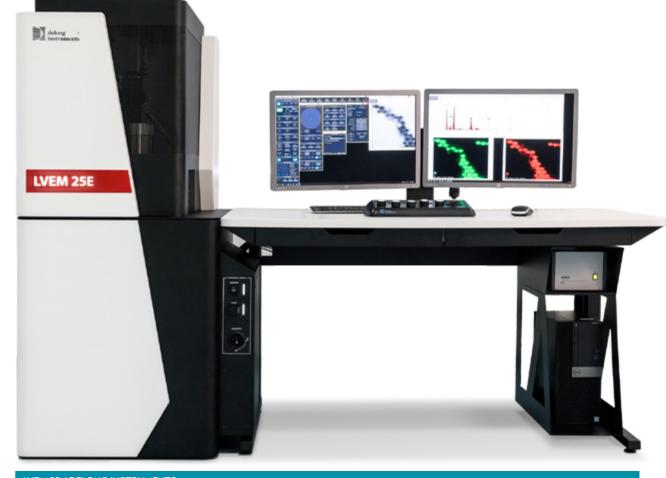
### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

### Ozone benefits:

- Antioxidant
- Improves circulation
- ✤ Pain reliever
- + Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue oxygenation





LVEM 25 / DELONG INSTRUMENTS

### Pathology 1.14 Departments





### BLOCK CRS a.s.

U Kasáren 727, 757 01 Valašské Meziříčí **Czech Republic** 

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

### Turnkey implementations of pathology departments

We deliver pathology departments on a turnkey basis.



We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

For the pathology departments, we develop and manufacture own systems. The systems are composed from: Wall systems and covings, Wall system glazing, Flooring including covings, Doors and door framing, Suspended ceilings, Lighting equipment, Filtration adapters, HVAC adapters and grilles, Medical furniture, Protection elements, Graphic panels, Accessories.



CLINITEX s.r.o. Vratimovská 672/42, 718 00 Ostrava -Kunčičky Czech Republic

Petr Bukovski +420 602 721 937 eshop@clinitex.cz www.clinitex.cz

CLINITEX s.r.o. (Ltd company) is a Czech producer and distributor of medical clothes and clothing suitable for the health care environment, surgical gowns and bedlinen with close up at renting the textile to the industrial laundries market and the end consumption.

CLINITEX clothing range is a result of long-time experience, constant progression and precise testing of used materials and its components including the cut performance and also the



ability of the clothing to withstand demanding maintenance processes. To create a fair, strategic and mutually favourable relationship with all partners, we approach their demands as our own with the responsibility, high-quality focus, distinguished experience and close cooperation.

The company has been certified with ISO 9001 (Quality management systems – equirements) and ISO 13485 (Medical devices – Quality management systems – requirements for regulatory purposes).

### Main commodities of CLINITEX production are:

- Medical clothes and textile
- Reusable surgical gowns
- + Clothes and drapes for clean air rooms used as medical devices for patients, hospital staff and equipment according to EN 13795-1 and EN 13795-2
- + Functional clothes with high visibility for paramedics according to EN ISO 20471
- Absorbent pads and aids
- + Rental linen and textile for commercial laundries and the rental system
- Patient clothing
- + Bedlinen and textile for the health care system and the hotel environment



your way to electron microscopy...

### **DELONG INSTRUMENTS a.s.**

Palackého třída 3019/153 b, 612 00 Brno **Czech Republic** 

+420 549 123 511 info@delong.cz www.delong.cz









The LVEM 25 transmission electron microscope provides well-contrasted and highly detailed images from stained and unstained samples with the same level of expected results. Being compact, portable and easy to use, the LVEM 25 is already contributing to pathology (e.g. renaland neuropathology or cilia diagnostics), virology and drug delivery. Equipped with TEM, STEM, SEM, EDS and ED modes, it provides users with a unique option to obtain multiple data results from one sample and switch between imaging modes easily via intuitive software.



Flídr medical s.r.o.

Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

### NR-H and NR-U wall-mounted supply systems

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- Pproven and popular products with the possibility of adding a wide range of accessories
- High-quality lighting
- + Their advantage is great variability, which allows the medical equipment to be tailored to the customer
- Colours and selection of accessories according to customer requirements





### SM-P and SM-Z ceiling bridges

- They allow medical gases and electrical media to be brought into the doctor's workspace
- Light, sufficiently rigid and not applying excessive load to the ceiling structure
- Optimal ratio of performance and cost
- + The lifting variant can increase operator comfort by setting the supply part to the optimal working position
- Colours and selection of accessories according to customer requirements





### SR ceiling arms

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- + Produced either without an arm, with one arm or with two arms, with the option of adding
- a modular or width supply head
- They can be rotatable, swinging or combination thereof – adjustable on site
- Colours and selection of accessories according to customer requirements



# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.



### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere.



Helpdesk keeps track of deadlines and monitors reaction times.

### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including





a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer furniture and carts suitable for oncology wards, including a stainless steel programme.



MEDIN, a.s. Vlachovická 619. 592 31 Nové Město na Moravě Czech Republic

+420 566 684 336 export@medin.cz www.medin.eu

### Amputation knife

Amputation knives are specialized surgical blades used during procedures of surgical removal of the limbs. Some common causes for limb amputation are bone tissue affecting cancerous tumours, severe injuries, complications related to bacterial infections lenght of blade 13,0 cm - 22,0 cm.



MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí **Czech Republic** 

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

### Bed head units "RN"

Unmistakable design, variability and modularity; termination element supply of medical gases, electricity grids and low voltage distribution; for standard rooms, high-standard rooms or intermediate care rooms.







### Balanced spring arms "SPR"

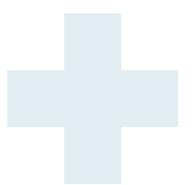
Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.

### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.

### Vertical source column "ZS07"

Designed for high-standard rooms or intermediate care rooms and standard bedrooms; especially in areas where it is not possible to install horizontal BHU.









### MODULAR 2 HOSPITALS





BLOCK CRS a.s.

U Kasáren 727. 757 01 Valašské Meziříčí **Czech Republic** 

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com

### Turnkey implementations of modular hospital

We deliver modular hospitals on a turnkey basis.

We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

The structural system of a building consists of individual prefabricated modules which are assembled side by side or directly on top of another.

The biggest advantages in the modular hospitals are: Speed, low cost, guarantee of execution quality, comfort of usage, variability, and mobility.

### We solve all parts of buildings within our deliveries of modular hospitals:

- + Building shell and fabric
- + HVAC (heating, air-conditioning, cooling)
- Media and medicinal gases
- + Electrical wiring and equipment, Measurement & Regulation
- + Built-in (clean) rooms
- + Medical furniture



- + Video management
- Hedical technology
- + Isolators
- + Design and protection elements
- + Signalling equipment
- + Landscape architecture, groundworks 4



### BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno

**Czech Republic** 

+420 545 537 111 mail@bmt.cz www.bmt.cz

Renovation of the CSSD requires in many cases not only replacement of devices but also adapting processes and media to new standards or a change in circumstances. The maintenance of the supply of sterile goods for normal hospital operation during renovation work is one of the greatest challenges. The main question at the start of the project is: renovation during continuing operation or move operations to a mobile processing unit for medical products. Our experience as a total solution provider has shown: renovation during continuing operation often involves major restrictions for personnel and processes and increased costs due to constructions requirements to maintain hygienic requirements. The MMM Group has the solution - a mobile processing unit for medical products. 👎







Comedeq s.r.o. Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely



cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.



CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

### Victoria

High performance solution designed particularly for operating rooms and liposuction.

- + Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- + Maintenance-free German vacuum pump
- + Designed for continuous run
- + Reliable and vibration-free run
- + Vacuum pump is cooled by extra fan





INSIO software s.r.o. Vinohradská 167. 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz



INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

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### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



MZ Liberec. a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

### Complex supplies

Complex supplies for standard, modular and mobile hospitals from gas source stations, through gas distribution and auxiliary elements up to terminal units incl. project engineering, installations and financing.





Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.





We produce atypical stainless steel furniture according to customer's requirements.

We offer a large range of products for hospitals that includes multifunctional furniture, trolleys and a wealth of accessories that can be customised to suit the operation.



**Special Medical** Technology Co. Ltd. Papírenská 5, 160 00 Praha 6 Czech Republic

+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/

SMT Company offers for more than 20 years own and innovative solutions for Electrosurgery and Cryosurgery for different hospital use. SMT products are widely known for outstanding quality, excellent (heavy-duty) performance, user friendly solution, and modern innovative design.

### SMT BMM PF - Compact Electrosurgical Unit - efficient & compact device

This model line with maximum power of 400W offers powerful solution for wide range of medical applications and allows excellent room to room transfer ability due its light and compact modern design.





- + Low weight, small dimensions, and easy cleaning solution
- + Easy switching between monopolar and bipolar using footswitches or cut/coag handpiece
- + Optional modes for operation in saline and vessel sealing
- + 12 programmable user settings
- + Efficient cooling system allowing extremely long operation time on high power
- + Automatic self control
- + Compatibility with wide range of instruments

### **Cryospray SMT CS**

Small nonelectric cryosurgical devices using liquid nitrogen (-196 degrees of Celsius) are designed for effective treatment of a wide range of skin lesions such as Common verruca, seborrheic keratosis, actinic keratosis, papilloma, lentiga, and other common lesions, inclusive haemorrhoids in surgery for inst.

- + No or minimal pain
- + Applicable even in critical localities
- + Minimal post-operative bleeding risk and minimal complications
- + Excellent cosmetic result
- + No side effects
- + The healing process after cryo-destruction takes place respecting the original anatomical states
- + Quick, easy, and cost-effective solution 4





ZAT a.s. K Podlesí 541. 261 01 Příbram **Czech Republic** 

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

### Ozone benefits:

- + Antioxidant
- + Improves circulation
- + Pain reliever
- + Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- + Immune system stimulant
- + Improves tissue oxygenation +





### **PHARMACIES** 3 **AND PHARMACOLOGY FACILITIES**



BLOCK CRS a.s. U Kasáren 727, 757 01 Valašské Meziříčí Czech Republic

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com



Turnkey implementations of pharmacies and pharmacology facilities

We deliver pharmacies and pharmacology facilities on a turnkey basis.



We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.

For the implementations of pharmacies and pharmacology facilities we develop and manufacture own systems. The systems are composed from: Wall systems and covings, Wall system glazing, Flooring including covings, Doors and door framing, Suspended ceilings, Lighting equipment, Filtration adapters, HVAC adapters and grilles, Medical furniture, Protection elements, Graphic panels, Accessories.



BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno **Czech Republic** 

+420 545 537 111 mail@bmt.cz www.bmt.cz

We supply a wide range of devices to a variety of (BSL) laboratories and the pharmaceutical industry - starting with STERILAB low-volume steam sterilizer with gravity venting (without vacuum pump), a wide range of STERIVAP HP IL high-volume steam sterilizers, laboratory ovens and incubators with natural and forced

circulation of air, with vacuum, with cooling and controlled humidity, with CO2 atmosphere, large-volume laboratory incubators VENTICELL IL. All these devices are offered in individual, optional equipment with a wide range of special items (e.g. gas-tight Bio-Seal design,



stainless steel distribution systems and fittings, optional roughness of the sterilisation chambers, Air-detector, special software -Steaming, Agars, Crash Test / Showering, ...) including extensive documentation. An integral part of these deliveries is the FAT acceptance of the devices.



Contipro a.s. č. p. 401, 561 02 Dolní Dobrouč **Czech Republic** 

+420 465 519 530 sales@contipro.com www.aktivnihojeni.cz www.hyaluronanhealing.com



### Sorelex

SORELEX is wound dressing designed to speed up the healing process, remove wound slough and decrease exudate production. It is suitable for the healing of secreting, sloughy, infected, chronic and acute wounds (e.g. leg or diabetic ulcers). It contains the antimicrobial component octendine and hyaluronic acid, which activates regeneration processes in the wound. Its complex effect provides a great environment for moist wound healing.



### Hyiodine

HYIODINE is an antimicrobial healing gel designed to speed up the healing of deep wounds and remove infection. Due to the gel form and high safety, it is suitable especially for deep wounds after surgery, diabetic ulcers, fistulas, chronic wounds, acute complicated wounds, etc. Contains natural iodine which manages infection and impurities and hyaluronic acid, which activate natural regeneration processes in the wound.





### EP Rožnov, a.s.

Boženy Němcové 1720 756 61 Rožnov pod Radhoštěm Czech Republic

+420 571 664 111 ep@eproznov.cz www.eproznov.cz









EP Rožnov, a.s. - comprehensive services in design and implementation of clean rooms in health service (operating rooms, laboratories, central sterilization, pharmacies and pharmacology facilities etc.), in pharmacy and in production of medical devices.

Our company has longtime specialization in clean rooms and has own production and assembly of components for construction of clean rooms (multifunctional wall system, ceiling system, doors, integrated furniture, laminar field, other air-conditioning components, lights etc.)

The design and realization of clean rooms includes complex solution of the building or built-in of the clean rooms, air-conditioning, cooling, piping, heavy and weak current circuits, instrumentation and control system etc.

We execute qualifications and validations of the completed clean room and subsequent service of technological equipment related to the clean room. 🚽





### **GRADE MEDICAL s.r.o.**

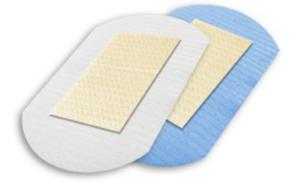
K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

### STANDARD ADHESIVE DRESSING

The philosophy of this product is to provide added value in the form of preventive protection of postoperative and urgent wounds against complications in its healing and contamination, at an affordable cost over conventional patches. StopBac is the best choice if we want to prevent postoperative wound against complications in its healing by providing excellent antibacterial protection for the lowest price.

At present, postoperative wounds are increasingly covered with standard plasters, which can only benefit from manual wound dressing and low price. StopBac STERILE can therefore be seen as a product that aims to prevent hospitals from risking wound healing complications, worsening patient status and dramatically increasing the cost of treatment but rather avoiding such complications and investing more in prevention.



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StopBac STERILE is suitable for any postoperative and urgent wound. Although, of course, it is more expensive than simple dressing, it provides significantly better wound protection and can be left on the wound for a longer time, thus reducing the frequency of dressing changes (possibly up to 7 days). Therefore, StopBac is cost-effective, helps reduce the overall cost of treatment, and is particularly suitable for healthcare facilities that want to provide more comfort to their patients.

### ADHESIVE AQUASTOP DRESSING

Mentioned information about the StopBac STERILE (Standard) is also applicable for the StopBac STERILE Aquastop.

In addition, the Aquastop version offers the benefit of a waterproof design, allowing the patient to perform hygiene and shower. The patch can withstand several showers, which means that it does not have to be changed so often while maintaining hygiene. The dressing also has a transparent adhesive border, allowing visual inspection of the wound surroundings.



StopBac STERILE Compress does not contain adhesive edges so it does not irritate the wound area. Due to its appearance and chosen non-woven fabric (viscose) it is intended for healing of long-term non-healing wounds. This feature and its price make it suitable for inpatient wards which purchase the material



directly and not through the public health insurance system and therefore addresses not only quality but also the cost.



INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

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+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

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development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer modular furniture suitable for pharmacies. The furniture can be freely combined and modified according to the customer's wishes.

## ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

# PROFIL

The company ORTEX (Ltd.) offers wide portfolio

of braces and bandages for sales in Pharmacies and shops with Medical Devices. We offer more

than 75 kinds of serious produced braces and

bandages in various sizes and modifications

including children collection.

PROFIL NÁBYTEK, a.s. Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

### PHARMACY CABINET

For doctors' offices, examination rooms and ambulances of social care institutions and hospitals. Two-door drug preparation and storage cabinet. Upper part features cascade shelves for clear storage of medicaments. Once opened, there are boxes suspended on both sides of the door for preparation

of medicaments for clients. The cabinet is equipped with a pull-out shelf for medicament preparation. Optional delivery of a fluorescent lamp with standard switch or a fluorescent lamp with a door switch. Opiate safe included. Laminated finish. Basic colour design in white, grey, anthracite and green. Option of colours or wood design according to the sampler.

### PHARMACY CABINET "PRAKTIK"

Pharmacy/medicine cabinet for doctors' offices, examination rooms and ambulances of social care institutions and hospitals. Optional interior equipment; opiate safe, glass shelves, diffusing glass in the door, master key system lock and other. Laminated finish. Basic colour design in white, grey, anthracite and green. Option of colours or wood design according to the sampler.









### CARD FILES CABINET "PRAKTIK"

Card files cabinet for doctors' offices, examination rooms and ambulances of social care institutions and hospitals. Four drawers A4 format. All drawers with full extension and integrated damped closing. Load capacity of each drawer is 25Kg. Laminated finish. Selection of colours or wood design according to the sampler.

### MEDICAL WORKING DESK "MOVE ME"

Original design work table for hospital management, doctors' offices, examination rooms and ambulances of social care institutions. Option of single-sided working table or doublesided working table bench for associated additional workplace. Dimensions: width 1400 - 2780, depth 800-1600, height 750 mm. Cable duct, grommet with cover for easy cable routing to the desktop. Rigid height adjustable metal structure. Original design elements-ribs made of birch plywood that support the worktop. Laminated finish. Option of colours or wood design according to the sampler.

### MOBILE CONTAINER "MOVE ME"

Mobile office desk drawer with three drawers and pencil tray. All drawers with full extension and integrated damped closing. Twin castors



with brake. Optional master key system lock system. Load capacity of each drawer is 25Kg. Laminated finish. Basic colour design in white, grey, anthracite and green. Option of colours or wood design according to the sampler.



### **BABY CHANGING UNIT**

Baby changing table with storage space for doctors' offices, examination rooms and hospital ambulances. Option of colours or wood design according to the sampler. Desk safety raised forehead and sides. Pad made of optional colour leatherette, possible matching with other interior equipment. Drawers and two door cabinet at the bottom. Dimensions: width 1000, depth 800, height 960 mm. Laminated finish. Basic colour design in white, grey, anthracite and green. Option of colours or wood design according to the sampler.

### **EXAMINATION BED WITH METAL SIDE**

Examination bed for doctors' offices, examination rooms and ambulances of social care institutions and hospitals. Stable bed with storage cabinet. Bed surface covered with leatherette. Hinged headrest. Dimensions: width 1950, depth 650, standard height 650 mm. The advantage is the possibility to fold the bed to a width of 1200mm for easier handling. Laminated finish. Basic colour design in white, grey, anthracite and green. Option of leatherette and laminate colours or wood design according to the sampler.



### **BLOOD COLLECTION CABINET**

This collection table serves primarily as an auxiliary table for blood collection, vaccinations and other activities in which paramedics need to put away and store small items. Its advantage is mobility and easy handling. Even in a small surgery you will achieve effective and fast care for the patients.

The table contains a wide drawer under the table top and a total of 15 transparent plastic boxes in the upper shelf.





**HEALTH CENTRES** 

4



# **AND PUBLIC OR PRIVATE ONE-DAY CARE CENTRES**

(including ones specialized in ophthalmology and dental medicine)





Comedeq s.r.o. Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating



with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.



ERILENS s.r.o. Papírenská 114/5, 160 00 Praha 6 **Czech Republic** 

Jana Dupalová +420 777 336 912 jdupalova@erilens.cz www.erilens.com

ERILENS s.r.o. was established in 1992 and it develops, produces and distributes locomotion aids and medical materials such as crutches, walking sticks and finger splints.

### Forearm crutch - FD 93

Upgraded forearm crutch FD 93 with a modern design. Improved ergonomic handles and extended forearm pad provide greater patient comfort. The crutches feature increased weight capacity and anti-click system for longterm use. Crutch is adjustable with 10 settings.



### Forearm crutch with soft handle - VERA

Forearm crutch with a modern, improved ergonomic design. The crutch features an extended forearm pad and soft hand grip for maximum patient comfort. Thanks to the new anti-click system, these crutches stay silent, even during long-term use. Crutch is adjustable with 10 settings. High weight capacity.



BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno **Czech Republic** 

+420 545 537 111 mail@bmt.cz www.bmt.cz

For fast sterilization in medical facilities, such as one-day surgical clinics and polyclinics, surgical units of hospitals, medical clinics and first aid centres, dental practices, microbiological units of medical facilities and others, we offer STERICELL hot air sterilizers that meet the highest demands on quality, speed, simplicity and safety of operation. Table type steam sterilizers - STERIDENT, STERIMAT, STERIMAT Plus with the possibility of autonomous design or supply with demineralized water from water treatment plant firmly connected to the water line, large-volume steam sterilizers of the UNISTERI HP, STERIVAP, STERIVAP HP, STERIVAP SL series with the possibility of individual equipment composition.





### Forearm crutch for kids - FDD 91

Upgraded children's forearm crutch FDD 91 with improved ergonomic and optimized performance. The crutch is characterized by high security and modern design. Has increased load capacity and anticlick system for long-term use. Adjustable in 10 heights.

### Forearm crutch for kids with soft handle ELLA

Upgraded children's forearm crutch ELLA with improved ergonomic and soft hand grip for maximum patient comfort. The crutch is characterized by high security and modern design. Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.

### Underarm duralumin crutch DPB 10

A very lightweight, height adjustable duralumin underarm crutch with high bearing capacity. The replaceable foam covers for the pads and hand grips are soft, hygienic, and easily maintained. Accessories include replacement hand grip and pad cover or a rubber crutch tip.

### Finger splint type A

Quickly and easily treat finger injuries (especially of the extensor apparatus and torn ligaments). The splint is lightweight and mouldable, while at the same time sufficiently rigid. It features a foam lining and may be applied with a bandage or wrap. These splints come in three sizes.



175





Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

### SR ceiling arms

- + They allow medical gas and electrical media to be brought into the doctor's workspace
- ✤ Produced either without an arm, with one arm or with two arms, with the option of adding a modular or width supply head
- + They can be rotatable, swinging or combination thereof – adjustable on site
- Colours and selection of accessories according to customer requirements







CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu



High performance solution designed particularly for operating rooms and liposuction.

- ✤ Extremely silent run
- ✤ 6year warranty on the vacuum pump
- ✤ Low maintenance requirements
- ✤ Maintenance-free German vacuum pump
- Designed for continuous run
- ♣ Reliable and vibration-free run
- Vacuum pump is cooled by extra fan



INSIO software s.r.o. Vinohradská 167. 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computeraided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

### DCM

Process documents, records and policies online from issuance. comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.



### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.





Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en







Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer carts and other equipment for health centres.

## JLASAK

### LASAK s.r.o.

Českobrodská 1047/46, 190 01 Praha 9 – Hloubětín Czech Republic

+420 224 315 663 export@lasak.cz www.lasak.com

### BioniQ

### Dental implant system

- ✤ Tissue volume and stability
- Prosthetic flexibility
- ✤ Excellent osseointegration
- + High strength of implant-abutment connection

The BioniQ dental implant system comprises BioniQ implants inserted at the level of the bone

and BioniQ Plus implants allowing insertion at the level of soft tissues. In both cases, they start with a diameter as small as 2.9 mm. All implants are fitted with a unique hydrophilic BIO-surface which has been proven by almost twenty-five years of clinical use. The BioniQ implant system is available in conical Tapered and



cylindrical Straight versions. The combination of a deep cone, solid hexagon and reinforcing cylinder, ensures maximum strength of the implant-abutment connection. The horizontal and vertical set-off of the implant-abutment connection from the bone level, together with the implant mini-threads, contribute to the stability of the marginal bone and soft tissues surrounding the implant.





### OssaBase-HA

### Bone regeneration material

- + Fully synthetic bone regeneration materia
- Macro and nano bone-like structure
- ✤ Excellent volume maintenance
- ✤ Low substitution rate



OssaBase-HA from the LASAK company is a synthetic, macro- and nanoporous bone regeneration material based on hydroxyapatite with a low substitution rate. It is used for the bone regeneration of missing or lost bone tissue independently of, or in combination with, autologous bone tissue, blood or PRP.

### Advantages

- ✤ Structure system of interconnected macro- and nanopores which mimic the structure of human bone
- The excellent osteoconductive properties enable predictable bone regeneration
- + Optimal non-irritating shape of polygonal macro- and nanoporous granules
- ✤ High surface area typical for natural bone due to the network of nanopores
- No organic porogen compounds used during manufacture – ensures particularly high chemical and phase purity



- ✤ Fully synthetic material no risk of immunological reactions or pathogen transmission
- High osteoconductivity

### PORESORB-TCP

#### Bone regeneration material

- Resorbability
- ✤ High phase purity
- ✤ Osteoconductivity
- ✤ High stability in defect



PORESORB-TCP is a bioactive, resorbable, inorganic bone regeneration material. It creates stable contact with bone and prevents the formation of a soft tissue interlayer. PORESORB-TCP has osseoconductive and osseoinductive properties which significantly increase the treatment efficiency. As a phase-pure  $\beta$ -tricalcium phosphate matrix with an interconnecting porosity it can be completely resorbed and gradually replaced by newly formed bone. PORESORB-TCP as a fully synthetic material avoids any potential immunological or infection risks arising from materials of biological origin.

#### Indications

- ✤ Filling of bone defects after extirpation of cysts
- Treatment of periodontal defects
- ✤ Remodelling of the alveolar ridge
- ✤ Treatment of bone defects around dental implants
- ✤ Sinus lift
- ✤ Filling of bone defects after surgical extractions to prevent alveolar atrophy



LINET spol. s r.o. Želevčice 5, 274 01 Slaný Czech Republic

Jiří Plecitý jiri.plecity@linet.cz www.linet.com/en/

LINET is a major European manufacturer of hospital and nursing beds. The company's portfolio includes solutions designed for intensive care, products for regular in-bed treatment and also special beds for old people's homes and long-term care facilities. The LINET range also includes a wide range of accessories such as anti-pressure ulcer mattresses, mobile equipment, healthcare furniture, etc.

LINET is maintaining its position out in front of its competitors in hospital bed manufacture. The firm regularly introduces products and services with innovative features and functions that reduce physical demands on staff, enhance the efficacy of care provided and increase patient comfort. LINET works intensively on developing such products in collaboration with healthcare professionals and respected experts in various scientific fields, enabling the firm to keep abreast of new trends in the area of medical care.

LINET wide range of products also covers one day care – outpatient care involving One-day surgery, ambulatory examination or therapeutic procedures. The structure of healthcare is changing and there is a global trend for the shortest possible hospitalization, so convalescence takes place in an ambulatory or home care environment. Solution One Day Care by LINET includes the Sprint 100 stretcher with a 4-section mattress platform, which provides maximum functionality and comfort. The new Pura chair is designed for non-invasive therapeutic and examination procedures, or in other design options for several hours' patient stay in

hospital for dialysis or chemotherapy. The products come with the multifunctional Sella chair providing broad options of use across the spectrum of acute, long-term or home care.

### Sprint 100

The SPRINT 100 is more than a mere stretcher. It has a wide range of innovative features that allow for fast resuscitation and short-term hospitalization. Every aspect has been designed



to meet the challenging conditions of emergency medicine, including immediate life-saving measures and patient comfort.

### Pura

Patient care can be revolutionized by adjusting processes of patient-handling, in order to treat







patients efficiently and cost effective without any compromises for the patient and care givers. Finding ways to add additional procedures is a measurement of success. We understand this importance, so we design our one-day care products in such way that it improves the patient flow with advanced innovations. Pura is fully equipped chair for day surgery, diagnostic procedures, comfortable for dialysis, oncology treatment or blood donation.

### Sella

Transport chair Sella brings a number of advantages to both the immobile person and the attending personnel through its intelligent technology that aptly combines the necessary functions, the ergonomically selected proportions, and the user-friendly design in one neat design.









MEDIN, a.s. Vlachovická 619, 592 31 Nové Město na Moravě **Czech Republic** 

+420 566 684 336 export@medin.cz www.medin.eu

Complete reciprocal system for root canal treatment.







MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí Czech Republic

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

### Ceiling pendants "OK07"

Unmistakable design, variability and modularity; supply of medical gases, low & heavy current



from ceiling pendant to workplace of medical specialists; for operating theatres, ARD and ICU equipment.

### Balanced spring arms "SPR"

Holders of surgical luminaire, cameras, monitors, X-ray apparatus safety screens, and many others



specialized devices; made from the extruded aluminium ensuring higher endurance to the aggressive disinfectants used in the health service.

## ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

The company ORTEX (Ltd.) offers more than 75 kinds of serious produced braces and bandages





in various sizes and modifications including children collection. For doctors specialized in traumatology, orthopaedics and neurology we offer a complete portfolio of braces and bandages for all body parts.



## PROFIL

### PROFIL NÁBYTEK, a.s.

Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

### DOCTOR'S OFFICE "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a corner working table with optional desk, card file container, mobile container and kitchen. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.







Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

### PEDIATRICIAN'S EXAMINATION ROOM "PRAKTIK II"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities.



The assembly shown includes a double-sided workbench, a medicine cabinet, card file cabinet with eight drawers, examination bed and two mobile containers. Laminated finish. Selection of colours or wood design according to the sampler. Possibility of durable decorative printing.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

### DOCTOR'S OFFICE "PRAKTIK"

We supply complete equipment of surgeries and examination rooms of doctors, hospitals, social care institutions and other medical facilities. The assembly shown includes a double-sided workbench extended by two optional chest of drawers with doors or shelves, double overhead cabinet with sliding door and two mobile containers. Laminated finish. Selection of colours or wood design according to the sampler.

Dimensions of individual elements of the assembly can be adjusted according to the customer's wish. Assembly elements are also sold separately.

### DENTAL SURGERY FURNITURE

We produce furniture for dental surgeries and dentists' offices. Our healthcare range of fitted furniture includes easy-clean worktops and shelving to help safeguard **dental surgery** against the spread of germs and bacteria. High pressure laminates or laminated finish. Dimensions of individual elements of the assembly can be designed and adjusted according to the customer's wish.





We also offer (for detailed information please refer to the chapter 3. Pharmacies and Pharmatology Facilities):

**PHARMACY CABINET** – sophisticated two-door drug preparation and storage cabinet.

**PHARMACY CABINET** "**PRAKTIK**" – cabinet with optional interior equipment; opiate safe, glass shelves, diffusing glass in the door, master key system lock and other.

CARD FILES CABINET "PRAKTIK" - card files cabinet four drawers A4 format.

MEDICAL WORKING DESK "MOVE ME" - original design of single-sided working table or double-sided working table bench.

MOBILE CONTAINER "MOVE ME" - office desk drawer with three drawers and pencil tray.

**BABY CHANGING UNIT** - baby changing table with storage space for doctors' offices.

**EXAMINATION BED WITH METAL SIDE** compact examination stable bed with hinged headrest and storage cabinet.

**EXAMINATION BED** "**PRAKTIK"** – examination stable bed with storage cabinet.







Sanela spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun Czech Republic

+420 465 350 770-773 sanela@sanela.cz www.sanela.cz

Our company, as a leading producer of sanitary electronics in Czech Republic, offers wide range of





automatic sanitary equipment to the hospitals or private centres and stainless steel products as well.

- ✤ Automatic washbasin taps
- ✤ Automatic toilet flushing units
- + Automatic wall-mounted thermostatic mixer
- ✤ Waste bins
- Mirrors
- Stainless steel toilets and urinals
- ✤ Stainless steel toilet accessories
- Supply bin for paper towel and toilet paper
- Stainless steel washbasins and wash troughs
- Automatic soap and disinfeciton

# VUPMEDICAL

VUP Medical. a.s. Šujanovo nám. 3, 602 00 Brno Czech Republic

+420 543 160 444 sales@vup.cz www.vup.cz

VUP Medical is a leading producer of medical devices for vascular surgery and hernia treatment. All products are developed, designed and produced in own facility in the Czech Republic and delivered all over the world. The company is fully compliant with ISO 9001, ISO 13 485 and all medical devices have CE label.

### Vascular Surgery - Vascular prostheses

Vascular prostheses are made of polyester filament yarn using a warp-knitting technology to obtain excellent strength and elasticity. Unique knitting pattern allows easy length adjustments without fraying, colour guiding line helps to surgeon precisely control prosthesis





orientation during implantation. A continuous layer of chemically modified bovine collagen ensures extremely low impermeability and fast tissue ingrowth after implantation. Knitted vascular prostheses have been specifically designed to treat abdominal aortic aneurysm (AAA), aortoiliac occlusive disease and peripheral arterial disease. Medical device is available in various modifications such as linear, bifurcated, incompressible and patch.

### Hernia solutions - PP meshes

Hernia meshes are made of polypropylene monofilament and offered with different porosity and density to meet different needs per indication. PP mesh is nonabsorbable, designed as permanent support, with optimal elasticity, self-fixating behaviour and excellent handling characteristics. Hernia meshes are suitable for open inguinal hernioplasty as well as for laparoscopic surgery, specifically TEP and TAPP techniques. Medical device is available in multiple designs from standard, through light weighted up to extra-large pore mesh.





ZAT a.s. K Podlesí 541. 261 01 Příbram **Czech Republic** 

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

### Ozone benefits:

- Antioxidant
- mproves circulation
- ✤ Pain reliever
- Antiinflammatory effects
- ✤ Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue oxygenation







### **BLOOD AND TISSUE** 5 BANK



# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10 **Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to

the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

### Servicing system

Get maintenance and inspections under control thanks to automated deadline





alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

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Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

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+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

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and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We offer production of atypical stainless steel tables and furniture.

## **PROFIL**

PROFIL NÁBYTEK, a.s. Hradská 280, Humpolec 396 01 Czech Republic

Jaroslav Brichta +420 777 740 479 brichta@profil-nabytek.cz www.profil-nabytek.cz

Laboratory equipment suitable for hospitals, blood laboratories and operations with high demands on resistance to chemical and mechanical loads. Used hardware with lifetime warranty. High pressure laminates or laminated finish. Wide choice of colours. Dimensions of individual elements of the assembly can be designed and adjusted according to the customer's wish.



### **PET CENTRES** 6



BLOCK CRS a.s. U Kasáren 727. 757 01 Valašské Meziříčí **Czech Republic** 

Zbyněk Konvičný +420 724 020 277 konvicny@blockcrs.cz www.blockcrs.com





### Turnkey implementations of PET centres

We deliver PET centres on a turnkey basis.

We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Complete equipment with medical technology, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service.



For the implementations of PET centres, we develop and manufacture own systems. The systems are composed from: Wall systems and covings, Wall system glazing, Flooring including covings, Doors and door framing, Suspended ceilings, Lighting equipment, Filtration adapters, HVAC adapters and grilles, Medical furniture, Protection elements, Graphic panels, Accessories.



### ZAT a.s.

K Podlesí 541, 261 01 Příbram Czech Republic

Roman Plavec +420 736 519 482 zat@zat.cz www.zat.cz

### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

### Ozone benefits:

- + Antioxidant
- + Improves circulation
- + Pain reliever
- + Antiinflammatory effects

- + Germicide (bacteria, viruses, fungi)
- + Immune system stimulant
- + Improves tissue oxygenation +





MOBILE EMERGENCY UNIT / EGO ZLÍN

### EMERGENCY 7 **HEALTHCARE DURING CRISIS SITUATIONS**





### 7.1 **Field Hospitals**



### BMT Medical Technology s.r.o. Cejl 157/50, Zábrdovice, 602 00 Brno **Czech Republic**

+420 545 537 111 mail@bmt.cz www.bmt.cz



An essential part of the field hospital is also the equipment with sterilization technology. For this purpose, we offer the UNITERI HP steam sterilizer with autonomous operation, which completely eliminates the need to connect the device to a water source. In this version, the sterilizer is also equipped with a cooling aggregate. Table type steam sterilizers - STERIDENT, STERIMAT, STERIMAT Plus with the possibility of autonomous design and STERICELL series hot air sterilizer supplied in five volumetric sizes.



MEDICAL EQUIPMENT COMPANY Comedeq s.r.o.

Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com

Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers of medical devices. Main specialization are turn-key projects for primary care such as one-day surgery, dermatology workplaces, field mobile



hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.





your way to electron microscopy...

**DELONG INSTRUMENTS a.s.** Palackého třída 3019/153 b, 612 00 Brno **Czech Republic** 

+420 549 123 511 info@delong.cz www.delong.cz

Small size and ease of installation of the LVEM 5 and LVEM 25 low voltage electron microscopes makes them ready to be deployed on-site as required. As a result, they can provide field hospital pathologists and virologists with the unique option of a fast and local TEM analysis. 🚽







EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa Czech Republic

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz





We have a lot of experience in designing and supplying a logistic and medical complexes when rigid high-quality pneumatic tents with different sizes are used for long-term field purposes and applications. The design of the tent allows the creation of a different type of field hospital according to a classification concerning the



need of health care and logistics areas. The field complexes may contain also up-standard special departments as are isolation units at the B-risk emergencies occurrence. Tents are easily transported by common ways of transport and are maintenance-free.



ERILENS s.r.o. Papírenská 114/5, 160 00 Praha 6 Czech Republic

Jana Dupalová +420 777 336 912 jdupalova@erilens.cz www.erilens.com

ERILENS s.r.o. was established in 1992 and it develops, produces and distributes locomotion aids and medical materials such as crutches, walking sticks and finger splints.

### Forearm crutch - FD 93

Upgraded forearm crutch FD 93 with a modern design. Improved ergonomic handles and extended forearm pad provide greater patient

comfort. The crutches feature increased weight capacity and anti-click system for long-term use. Crutch is adjustable with 10 settings.

### Forearm crutch with soft handle -VERA

Forearm crutch with a modern, improved ergonomic design. The crutch features an extended

forearm pad and soft hand grip for maximum patient comfort. Thanks to the new anti-click system, these crutches stay silent, even during long-term use. Crutch is adjustable with 10 settings. High weight capacity.





### Forearm crutch for kids - FDD 91

Upgraded children's forearm crutch FDD 91 with improved ergonomic and optimized performance. The crutch is characterized by high security and modern design. Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.

### Forearm crutch for kids with soft handle ELLA

Upgraded children's forearm crutch ELLA with improved ergonomic and soft hand grip for maximum patient comfort. The crutch is characterized by high security and modern design.



Has increased load capacity and anti-click system for long-term use. Adjustable in 10 heights.

### Underarm duralumin crutch DPB 10

A very lightweight, height adjustable duralumin underarm crutch with high bearing capacity. The replaceable foam covers for the pads



and hand grips are soft, hygienic, and easily maintained. Accessories include replacement hand grip and pad cover or a rubber crutch tip.

### Finger splint type A

Quickly and easily treat finger injuries (especially of the extensor apparatus and torn ligaments). The splint is lightweight and mouldable, while at the same time sufficiently rigid. It features a foam lining and may be applied with a bandage or wrap. These splints come in three sizes. 🚽



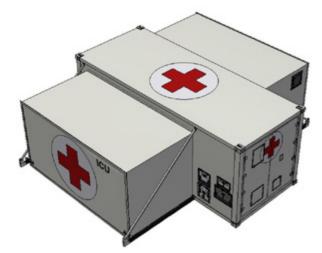




Flídr medical s.r.o. Široký Důl 200, 572 01 Czech Republic

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

Flídr medical s.r.o. continues the long tradition of Daniševský company in the equipment of mobile containers. We supply and install gas and electrical lines, medical equipment, instrumentation, supply stations (oxygenerators) and other equipment of mobile containers and field hospitals.







GRADE MEDICAL s.r.o. K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

### STANDARD ADHESIVE DRESSING

These are post-operative patches of 5x7.5 cm, 10x10 cm, 10x15 cm, 10x20 cm (pack of 20 pcs) and 10x25 cm, 10x30 cm (pack of 20



pcs). The patches are intended primarily for postoperative inpatient wards to hospitals. The patches are white in colour and are made out of textile.

The philosophy of this product is to provide added value in the form of preventive protection of postoperative and urgent wounds against complications in its healing and contamination, at an affordable cost over conventional patches. StopBac is the best choice if we want to prevent postoperative wound against complications in its healing by providing excellent antibacterial protection for the lowest price.



At present, postoperative wounds are increasingly covered with standard plasters, which can only benefit from manual wound dressing and low price. StopBac STERILE can therefore be seen as a product that aims to prevent hospitals from risking wound healing complications, worsening patient status and dramatically increasing the cost of treatment but rather avoiding such complications and investing more in prevention.

StopBac STERILE is suitable for any postoperative and urgent wound. Although, of course, it is more expensive than simple dressing, it provides significantly better wound protection and can be left on the wound for a longer time, thus reducing the frequency of dressing changes (possibly up to 7 days). Therefore, StopBac is cost-effective, helps reduce the overall cost of treatment, and is particularly suitable for healthcare facilities that want to provide more comfort to their patients.

### ADHESIVE AQUASTOP DRESSING

Mentioned information about the StopBac STERILE (Standard) is also applicable for the StopBac STERILE Aquastop.

In addition, the Aquastop version offers the benefit of a waterproof design, allowing the patient to perform hygiene and shower. The patch can withstand several showers, which means that it does not have to be changed so often while maintaining hygiene. The dressing



also has a transparent adhesive border, allowing visual inspection of the wound surroundings.

StopBac STERILE Compress does not contain adhesive edges so it does not irritate the wound area. Due to its appearance and chosen nonwoven fabric (viscose) it is intended for healing of long-term non-healing wounds. This feature and its price make it suitable for inpatient wards which purchase the material directly and not through the public health insurance system and therefore addresses not only quality but also the cost.



CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu





High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- 6year warranty on the vacuum pump
- Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- ✤ Reliable and vibration-free run
- Vacuum pump is cooled by extra fan

# in⁄jio

### INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10

**Czech Republic** 

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computeraided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor



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Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

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### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



MZ Liberec, a.s. Rudník 4. 543 72 Rudník u Vrchlabí **Czech Republic** 

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz

### Full gas and electricity equipment for container type hospitals







### Mobile stand for operating lights / heater for neonatology

- Simply transportable holders of medical devices
- ✤ Facilities of field hospitals
- Crisis and decontamination tents
- + Work on UPS batteries.

### Stretcher with operating light on heavy-duty stand

- Designated for use in extremal conditions
- + Light-weight and highly durable construction
- Fast mounting/dismantling
- Easy maintenance.

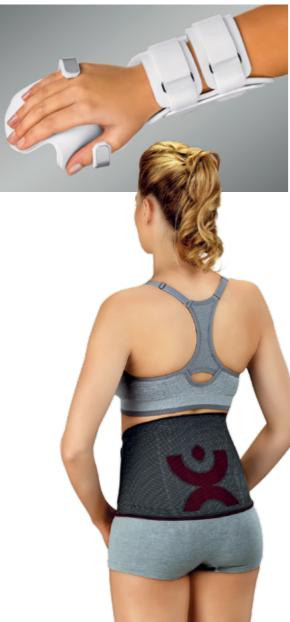


## ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz

The company ORTEX (Ltd.) offers for field hospitals more than 75 kinds of serious produced braces and bandages in various sizes and modifications including children collection.









ProSpon, spol. s r.o. Jiřího Voskovce 3206, 272 01 Kladno **Czech Republic** 

+420 312 247 763 prospon@prospon.cz www.prospon.cz

The company ProSpon is focused on the development, production and distribution of medical devices. It is holder of certificates IQNET, CQS, ISO 13 485 and, of course, CE certification for implant production of classes IIb and III.

ProSpon is a Czech company, which was founded in 1992 and since then it is focused on the development, production and sale of medical devices and replacements for orthopaedics, traumatology and oncology. In addition, the company also manufactures external fixators, tools and implants for the reconstruction of the anterior cross-ligament, spinal fixators and others. The company specializes in 3D printed custommade implants, mainly for oncology patients. Replacements for both large and small joints such as Vektor knee implant, hip implants, screws and

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plates for maxillofacial surgeries are also major.



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### Special Medical Technology Co. Ltd. Papírenská 5, 160 00 Praha 6 Czech Republic

+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/

### SMT ESU B - Bi-function Electrosurgical Unit – enhanced safety and performance

This model line designed for Operating Theatres offers an excellent ratio – functionality & cost effectiveness

- Easy control by 5,2" TFT touchscreen
- Variety of function in Monopolar and Bipolar modes
- PRT technology power adoption on different tissue types
- ✤ 30 programmable user settings
- Compatibility with wide range of instruments

### SMT BMM PF - Compact Electrosurgical Unit - portable & space saving device

This model line with maximum power of 400W offers powerful solution for wide range of medical applications and allows excellent room to room transfer ability due its light and compact modern design.

- Low weight, small dimensions, and easy cleaning solution
- + Easy switching between monopolar and bipolar using footswitches or cut/coag handpiece
- + Optional modes for operation in saline and vessel sealing
- 12 programmable user settings





- + Efficient cooling system allowing extremely long operation time on high power
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### **Cryospray SMT CS**

Small nonelectric cryosurgical devices using liquid nitrogen (-196 degrees of Celsius) are designed for effective treatment of a wide range of skin lesions such as Common verruca, seborrheic keratosis, actinic keratosis, papilloma, lentiga, and other common lesions, inclusive haemorrhoids in surgery for inst.

- ✤ No or minimal pain
- + Applicable even in critical localities
- Minimal post-operative bleeding risk and minimal complications
- Excellent cosmetic result
- No side effects
- ✤ The healing process after cryo-destruction takes place respecting the original anatomical states
- Quick, easy, and cost-effective solution





ZAT a.s. K Podlesí 541, 261 01 Příbram Czech Republic

Roman Playec +420 736 519 482 zat@zat.cz www.zat.cz

### Ozosmart

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### Ozone benefits:

- Antioxidant
- Improves circulation
- ✤ Pain reliever
- Antiinflammatory effects
- ➡ Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue
- oxygenation





### 7.2 Mobile Emergency Units

COMEDEQ MEDICAL EQUIPMENT COMPANY

Comedeq s.r.o. Revoluční 724/7, 110 00 Praha 1 Czech Republic

Jan Horák +420 739 720 233 horak@comedeq.com www.comedeq.com



Comedeq is a Czech company combining production, fulfilment, logistics, training, and operational activities and closely cooperating with other leading (mainly) Czech manufacturers





of medical devices. Main specialization are turnkey projects for primary care such as one-day surgery, dermatology workplaces, field mobile hospitals, and others. Key advantage is fast, efficient, and economically meaningful solution without lengthy preparations, construction modifications, targeting, drawing documentation, etc. with immediate effect for patients even in remote locations.



EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa Czech Republic

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz

We have a lot of experience in designing and supplying a logistic and medical complexes, and light high-quality pneumatic tents with different





sizes for emergency outdoor purposes are used for it. The tent's design allows creating a different type of workplace concerning the need for first





aid treatment and logistic areas. Tents are easily transported by common ways of transport and are basically maintenance-free.



Flídr medical s.r.o. Široký Důl 200, 572 01 **Czech Republic** 

Ivana Skočíková +420 734 284 459 skocikova.ivana@flidr.cz www.flidrmedical.cz

Flídr medical s.r.o. continues the long tradition of Daniševský company in the equipment of mobile clinics. We supply and install gas



and electrical lines, medical equipment, instrumentation, supply stations (oxygenerators) and other equipment of mobile emergency services. 🚽





CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu





High performance solution designed particularly for operating rooms and liposuction.

- + Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- ✤ Vacuum pump is cooled by extra fan

# in⁄jio

INSIO software s.r.o. Vinohradská 167, 100 00 Prague 10

Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computeraided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

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### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en

Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich









experience and knowledge based on our long presence on the market.

We manufacture handling carts for all types of applications.



MEDIATRADE s.r.o. č.p. 34, 757 01 Poličná Czech Republic

+420 737 784 177 business@mediatrade.cz www.mediatrade.cz

### Pulse generators for the heart stimulation

- Biphasic stimulation impulse
- Continuously adjustable width of the stimulation impulse
- + More convenient and save for the heart muscle
- QRS detection
- + Any polarity of battery for inserting
- + Stimulation modes: SSI, S00
- ✤ Width of the stimulus: 0.05-1ms
- ✤ Amplitude of the stimulus: 0-28mA
- Inhibitor sensitivity: 0.5-20mV
- Frequency: 20-200ppm
- ✤ Overdrive frequency: 100-1000ppm
- ✤ Battery life: 30 days
- ✤ Proportion: 56x142x28mm, 137g



### **EPG 10PD BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation, it is also designed for TAVI. The display shows the resistance of the inserted epicardial or transvenous electrode and intracardiac ECG.

### **EPG 10B BIPHASIC**

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery. Also ideal for TAVI - transcatheter aortic valve implantation.



### EPG 10MO MONOPHASIC

Biphasic single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology and cardiac surgery.

### **EPG 10M MULTIFOCAL**

Multifocal single chamber external pacemaker that preserves the required pulse of the patient thanks to biphasic stimulation intended for use in cardiology. Multifocal pacemaker is used for oesophageal pacing.



GRADE MEDICAL s.r.o. K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

### STANDARD ADHESIVE DRESSING

These are post-operative patches of 5x7.5 cm, 10x10 cm, 10x15 cm, 10x20 cm (pack of 20 pcs) and 10x25 cm, 10x30 cm (pack of 20 pcs).



The patches are intended primarily for postoperative inpatient wards to hospitals. The patches are white in colour and are made out of textile.

The philosophy of this product is to provide added value in the form of preventive protection of postoperative and urgent wounds against complications in its healing and contamination, at an affordable cost over conventional patches. StopBac is the best choice if we want to prevent postoperative wound against complications in its healing by providing excellent antibacterial protection for the lowest price.

At present, postoperative wounds are increasingly covered with standard plasters, which can only benefit from manual wound dressing and low price. StopBac STERILE can therefore be seen as a product that aims to prevent hospitals from risking wound healing complications, worsening patient status and dramatically increasing the cost of treatment but rather avoiding such complications and investing more in prevention.

StopBac STERILE is suitable for any postoperative and urgent wound. Although, of course, it is more expensive than simple dressing, it provides significantly better wound protection



and can be left on the wound for a longer time, thus reducing the frequency of dressing changes (possibly up to 7 days). Therefore, StopBac is cost-effective, helps reduce the overall cost of treatment, and is particularly suitable for healthcare facilities that want to provide more comfort to their patients.

### ADHESIVE AQUASTOP DRESSING

Mentioned information about the StopBac STERILE (Standard) is also applicable for the StopBac STERILE Aquastop.

In addition, the Aquastop version offers the benefit of a waterproof design, allowing the patient to perform hygiene and shower. The patch can withstand several showers, which means that it does not have to be changed so often while maintaining hygiene. The





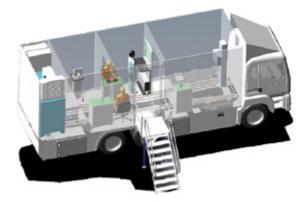
dressing also has a transparent adhesive border, allowing visual inspection of the wound surroundings.

StopBac STERILE Compress does not contain adhesive edges so it does not irritate the wound area. Due to its appearance and chosen nonwoven fabric (viscose) it is intended for healing of long-term non-healing wounds. This feature and its price make it suitable for inpatient wards which purchase the material directly and not through the public health insurance system and therefore addresses not only quality but also the cost. 🚽



MZ Liberec, a.s. Rudník 4, 543 72 Rudník u Vrchlabí **Czech Republic** 

Václav Rohlena +420 725 114 495 vaclav.rohlena@mzliberec.cz www.mzliberec.cz



### Mobile container hospital

Complex container examination and intervention solution mounted on a 20ft truck.



## ORTEX

ORTEX spol. s r. o. L. Váchy 173, 760 01 Zlín **Czech Republic** 

+420 577 011 272-4 ortexzlin@ortexzlin.cz www.ortexzlin.cz









The company ORTEX (Ltd.) offers for mobile

modifications including children collection.

emergency units a wide portfolio of serious produced

urgent braces for all body parts in various sizes and

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SME

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+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/



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### VR medical s.r.o. Karlovarská 451/70. Severní Předměstí, 323 00 Plzeň Czech Republic

Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

VR Medical is certified medical devices (MDR Class 1 certification) using virtual reality in



rehabilitation. It is a VR headset equipped with software and more than 30 applications specially developed in collaboration with therapists, doctors and patients. Medical staff can start using headsets immediately. All without complicated wiring, installation, space requirements or high costs.

### VR Medical:

- Simplifies monitoring and analyzing patient progress
- + Helps determine the ideal rehabilitation programme
- + Can be used in both neurorehabilitation and orthopedic therapy
- + Allows patients to exercise easily, with fun and painlessly

Every application is built in cooperation with experts from each area and then tested on patients in clinical tests and trials.

### VR Medical platform is focused on 3 main use-cases:

### Modern and universal rehabilitation

- + Focusing on physiotherapy, occupational therapy and nursing care
- + Helps with a wide variety of diagnoses such as simple orthopedic exercises to complex atrophying muscles or neurological disorders
- ✤ Implemented in Hospitals, Clinics, Social Care Homes and Spa Facilities

### Patient monitoring and analysis

- VR Medical system makes patient progress monitoring and analysis easier and helps with setting the best rehabilitation programme for every individual
- ✤ Facilities can save time and costs, because the system allows group therapy sessions, enables medical professionals to prepare predefined therapeutic plans and it also automatically gathers all important data about patients' progress in one place
- ✤ The system meets the highest cyber security criteria







### Patient motivation

- Immersivity of virtual reality makes exercise easy and painless and allows patients to have fun
- + The patients are stimulated to push their boundaries, even though it might seem insurmountable in real life due to their perceived deficiencies
- Motivation enhancement can be observed within patients of all ages

The company has a long-term technological and strong financial background.





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- Antiinflammatory effects
- + Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue oxygenation



215





As a result, they can be placed into a closed area and provide the PHPA scientists with the unique option of a fast TEM analysis on the spot.









your way to electron microscopy...

**DELONG INSTRUMENTS a.s.** Palackého třída 3019/153 b, 612 00 Brno

**Czech Republic** 

+420 549 123 511 info@delong.cz www.delong.cz



Small size and ease of installation of the LVEM 5 and LVEM 25 low voltage electron microscopes makes them ready to be deployed on-site as required.









EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa Czech Republic

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz





We can design and supply special protective means and other equipment needed for tasks used by many users working and dealing with emergencies. The equipment and protective means are mainly used when emergencies with potentially high impact on the public with the risk of a lot of casualties. The emergencies such as for instance epidemics of Hepatitis, cholera, influenzas, etc. may paralyze individual regions up to the whole nation in the country. 🔳



in⁄jio

### INSIO software s.r.o.

Vinohradská 167, 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz

INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computeraided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

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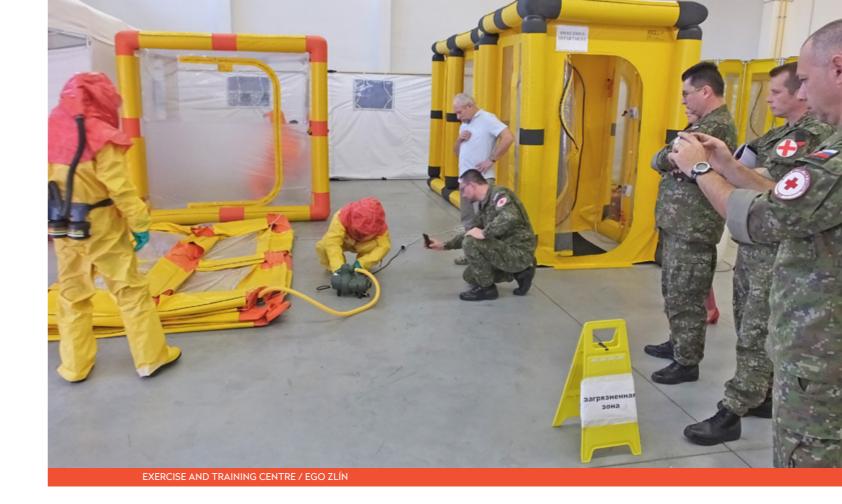
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Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

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Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.





## **9 EXERCISE AND TRAINING CENTRES**



EGO Zlín, spol. s r.o. U Pekárny 438, 763 14 Zlín – Štípa **Czech Republic** 

+420 577 100 031 sekretariat@egozlin.cz www.egozlin.cz

The Czech abilities are not focused on individual systems and solutions; moreover, many suppliers are equipped with proper and sufficient training









centres to provide educative service to clients and end-users. These centres of individual training systems allows to gain knowledge of how to use the products properly, in order to minimize malfunction in use, to simulate specific situations and others.

# Gatema

Gatema Medical s.r.o. Olomoucká 3419/7. 618 00 Brno Czech Republic

Jan Patloka +420 702 272 835 jan.patloka@gatema.cz www.gatema.com/audiovisual-system

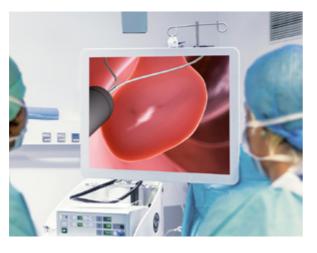


Medical audio-visual system APOLLON as educational and consulting instrument for medical students and doctors.

APOLLON is a complex audio-visual system for collection, viewing, recording, live streaming, parametrization, archiving and

processing of audio-visual data from surgical interventions.

Resolution up to 4K, real-time transmission and mobile availability of video provides hospitals with brand new educational and consulting dimensions. Transmission of audio-visual data to remote locations such as hospital offices, lecture halls and conference rooms brings opportunities for implementation of modern and more effective methods of teaching medical students and training young doctors thus improving their learning curve. Senior doctors or main physicians can supervise the operation on-line from their office computer, specialist doctors can consult and advise their colleagues in the operating room from a remote location. Storage of data is always available for further analysis, debriefing and evaluation of various performances, especially more difficult and nonroutine ones. The Apollon system is certified in accordance with the norm ISO 13485 and medically approved for use in healthcare environments.







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### **Medical**

VR medical s.r.o. Karlovarská 451/70.

Severní Předměstí, 323 00 Plzeň Czech Republic

Konstantin Novikov +420 774 998 533 novikov@vrmedical.cz www.vrmedical.cz

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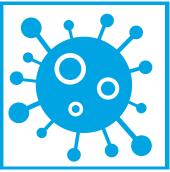


### **INFECTION** 10 **DEPARTMENTS/** WARDS



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We are able to design and offer customized solutions as special isolation and hospitalization chamber for medical care and treatment of the patient with highly contagious disease classified into the bio safety levels. The special chambers





are equipped with the high-quality filtration system in order to create a proper negative pressure in when the system provides also view and acoustic features when emerges unexpected faults in filtration level efficiency.

The special chamber is designed either on tubing rigid construction for long-term purposes in the infection ward or rapid deployment tubular construction for emergency situations. This solution enables to provide common medical treatment of the patient from outside with advantage to avoid a costly disinfection of sensitive electric device etc. The system is equipped with water distribution system including nozzles for applying of disinfectants to staff or equipment coming out or full space disinfection of inner chamber area. The system is possible to extend for special transport system of infected patient and high-level personnel protection equipment for staff dealing with these diseases.



GRADE MEDICAL s.r.o. K Sádkám 158, 159 00, Praha 5 – Lahovice Czech Republic

Ing. Jan Kavalírek +420 728 472 322 jkavalirek@grademed.cz www.grademed.eu

### NON-ADHESIVE COMPRESS

StopBac STERILE Compress is designed especially for moderate and medium secernating wounds such as venous ulcers, etc. It is not suitable for dry wounds as it could stick. It must be in fixed position. In case of a larger secernation, it can be covered with a secondary dressing. It has already been tested in burn centres, also with very good results, and can also



be used to clean decubitus. The material can be cut in any way to fill the wound cavity. Apply dark side (down) to wound.

With their unique properties, StopBac STERILE products constitute a new category, between simple, unmodified dressing and wet-to-dry healing. Compared to a simple dressing, they represent a more cost-effective form of treatment thanks to their barrier preventive effect, which protects the wound from complications during the healing process. The compress, in particular, may act as a suitable replacement for a wet gauze dressing containing silver, providing a long-term antimicrobial effect, comparable in terms of its effectiveness, but at a much more affordable price.



CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 **Czech Republic** 

+420 377 590 411 export@cheiron.eu www.cheiron.eu

### Victoria

High performance solution designed particularly for operating rooms and liposuction.

- Extremely silent run
- + 6year warranty on the vacuum pump
- Low maintenance requirements
- Maintenance-free German vacuum pump
- Designed for continuous run
- Reliable and vibration-free run
- Vacuum pump is cooled
- by extra fan 🖪







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+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en







Klaro, spol. s r.o. is a Czech family-run company founded in 1990. We are a leading Czech manufacturer of cleaning, medical and handling carts and multifunctional furniture including a complete range of accessories. As regards development and production we draw on the rich experience and knowledge based on our long presence on the market.

We manufacture cabinets, racks and handling carts for all types of applications.



ZAT a.s. K Podlesí 541, 261 01 Příbram **Czech Republic** 

Roman Plavec +420 736 519 482 zat@zat.cz www.zat.cz

### Ozosmart

Ozosmart is a multifunctional therapeutic medical device intended for application of ozone in the clinic and outpatient practice of health care facilities and it represents the latest response the requirements of modern ozone therapy. The device supports all curently used applications of ozone such as major and minor autohemotherapy, ozonized saline soliutions, rectal and vaginal insufflation or gasification of plastic bags.

#### Ozone benefits:

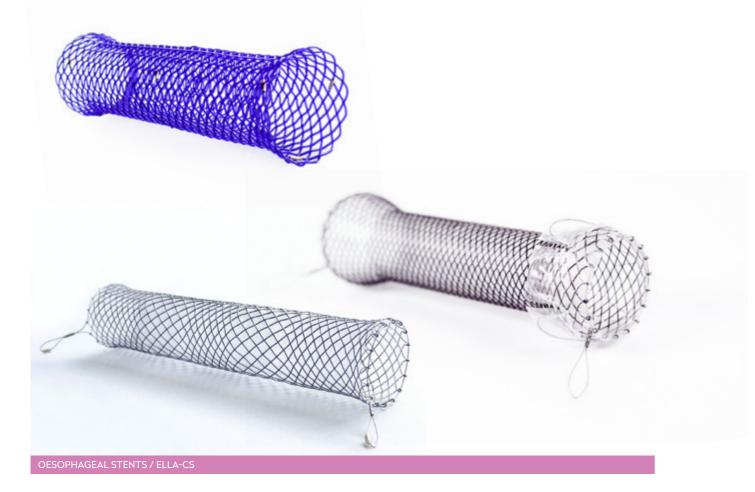
- Antioxidant
- Improves circulation
- Pain reliever
- Antiinflammatory effects





- + Germicide (bacteria, viruses, fungi)
- Immune system stimulant
- Improves tissue oxygenation





### ENDOSCOPY 11 DEPARTMENT





ELLA-CS. s.r.o. Milady Horákové 504/45, Třebeš 500 06 Hradec Králové 6 Czech Republic

+420 495 279 111 info@ellacs.eu www.ellacs.eu

ELLA-CS produces worldwide unique type of implant – the biodegradable oesophageal stent (BD Stent) for treatment of refractory benign strictures. The stent provides a new alternative to patients visiting the hospital due to repeated treatment of benign oesophageal strictures.

The stent dissolves completely within approximately 3 months and does not need to be removed unlike metallic stents.

# Gatema

Gatema Medical s.r.o. Olomoucká 3419/7. 618 00 Brno Czech Republic

Jan Patloka +420 702 272 835 jan.patloka@gatema.cz www.gatema.com/audiovisual-system

### STREAMER

Medical grade documentation and streaming device. As a basic unit of Apollon audiovisual system, Streamer can be integrated to any type of endoscopic tower and used for capturing laparoscopic surgeries, gastroenterology procedures, retinal surgeries and other miniinvasive examinations and surgical procedures. Video output of endscopic camera is further processed for recording of video sections and pictures and streaming outside OR.







### **FEATURES**

Multiple storage options (internal SSD, external disc, USB, hospital network, PACS) Easy live streaming to multiple users in real time Upgradable for complex OR videomanagement or videoconferencing

### BENEFITS

Recording = post-surgery analysis, setting of treatment procedure, forensic motives Streaming = remote consultations, supervising, education of medical students, surgical congresses Simplicity - easy installation and maintenance, intuitive operation

Connectivity to any type of video signal

Cost effectiveness - unique price/performance ratio

Maximum security network closed solution





CHEIRÓN a.s. Kukulova 24, 169 00 Prague 6 Czech Republic

+420 377 590 411 export@cheiron.eu www.cheiron.eu

### Victoria

High performance solution designed particularly for operating rooms and liposuction.

- + Extremely silent run
- + 6year warranty on the vacuum pump
- + Low maintenance requirements
- + Maintenance-free German vacuum pump
- Designed for continuous run
- + Reliable and vibration-free run
- + Vacuum pump is cooled by extra fan 4





INSIO software s.r.o. Vinohradská 167. 100 00 Prague 10 Czech Republic

+420 773 777 779 info@insio.cz www.insio.cz



INSIO delivers on-line systems for effective process management incl. circulation of documents, approval and issuing of orders and invoices, computer-aided maintenance of buildings and technology, knowledge sharing and customer support. All this is tailored to the needs of both healthcare facilities and technology suppliers and is available from a PC or phone. Functions can be combined and compiled to make own tailor-made solution.

### DCM

Process documents, records and policies online from issuance, comments and approval to archiving. Place orders directly from the system using auditable approval trail, control quantities, and monitor batches and expirations. Manage received invoices, match them with orders and run them through approval workflow.

### Servicing system

Get maintenance and inspections under control thanks to automated deadline alerts, clear task assigning and managing of suppliers from a single point. Evaluation of failure rates, meter reading and cost tracking will help to improve cost efficiency.

### Helpdesk

Resolve ad-hoc customer or employee requests on-line from virtually anywhere. Helpdesk keeps track of deadlines and monitors reaction times.

### Intranet

Share knowledge and improve employee awareness and communication by publication of reports, standards and regulations, internal Wikipedia etc. on dashboards with demonstrable familiarity function.



Klaro, spol. s r. o. Velké Chvalovice 187, 289 11 Pečky Czech Republic

+420 602 184 235 +420 606 619 353 export@klaro.cz www.klaro.cz/en



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We manufacture atypical cabinets, racks and other furniture made of stainless steel for all types of applications.









### Special Medical Technology Co. Ltd.

Papírenská 5, 160 00 Praha 6 **Czech Republic** 

+420 733 267 089 obchod@smt-praha.com www.smt-praha.com/

### SMT ESU B - Bi-function Electrosurgical Unit – enhanced safety and performance

This model line designed for Operating Theatres offers an excellent ratio - functionality & cost effectiveness



- + Easy control by 5,2" TFT touchscreen
- + Variety of function in Monopolar and Bipolar modes
- + PRT technology power adoption on different tissue types
- + 30 programmable user settings
- + Compatibility with wide range of instruments

### SMT BMM PF - Compact Electrosurgical Unit - portable & space saving device

This model line with maximum power of 400W offers powerful solution for wide range of medical applications and allows excellent room to room transfer ability due its light and compact modern design.

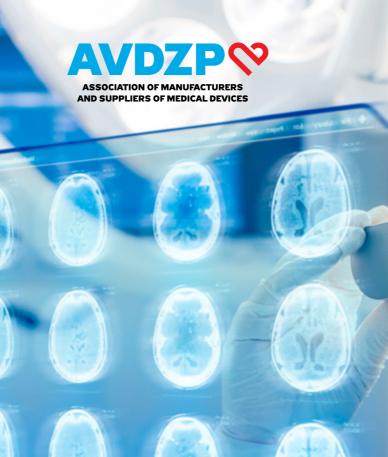
- Low weight, small dimensions, and easy cleaning solution
- + Easy switching between monopolar and bipolar using footswitches or cut/coag handpiece
- + Optional modes for operation in saline and vessel sealing
- + 12 programmable user settings
- + Efficient cooling system allowing extremely long operation time on high power
- + Automatic self control
- + Compatibility with wide range of instruments

### Cryospray SMT CS

Small nonelectric cryosurgical devices using liquid nitrogen (-196 degrees of Celsius) are designed for effective treatment of a wide range of skin lesions such as Common verruca, seborrheic keratosis, actinic keratosis, papilloma, lentiga, and other common lesions, inclusive haemorrhoids in surgery for inst.

- + No or minimal pain
- + Applicable even in critical localities
- Minimal post-operative bleeding risk and minimal complications
- + Excellent cosmetic result
- + No side effects
- + The healing process after cryo-destruction takes place respecting the original anatomical states
- + Quick, easy, and cost-effective solution +





## **Association of Manufacturers** and Suppliers of Medical Devices

- The only association that unites the most significant Czech manufacturers of medical devices
- + We associate more than 100 companies from the area of healthcare
- Members of the Association produce and supply highly innovative products for the most important medical fields and healthcare areas
- + Over 83 % of the production is exported abroad

