



We bring light into medicine

We introduce new trends in medical technology, from well established to innovative manufacturers with the aim to be useful both to the physicians and patients.

Our Partners



Digital laparoscopic system



Complete sortiment BOWA



Robotic arm for laparoscopy



Arthroscopy Eberle



Sutures Catgut



Mechanical arm for endoscopy
for ORL/Neuro EndoFix



EKG OPUS String



EKG, ABI, TBI, SpO2, KT, Spirometry,



Implants for traumatology
Königsee



Spine Endoscopy System



Spine Endoscopy System



Portable blood gas analyzer EPOC



Portable Prothrombin Time Analyzer
Xprecia Stride and Xprecia Prime



Spectar laparoscopic and
arthroscopic towers. Xion
laparoscopic instruments and
trocars



Robotized laparoscopic
instruments



Endoscopic staplers



Radiosurgery. Indication-specific
products transforming cancer care

About Us

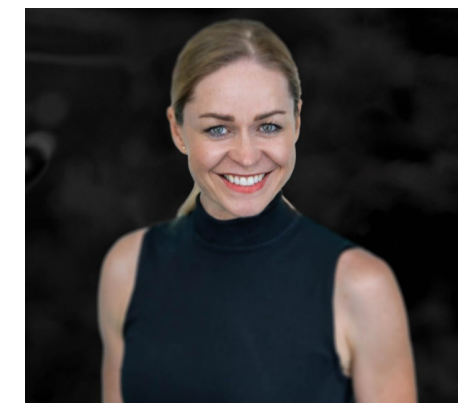
„It is not enough to do
the things right but do
the right things.“



MUDr. Viktor Růžička



MUDr. Viktor Růžička
CEO, Vendeavour Holding owner



Mgr. Gabriela Kačerová
Managing Director

- Hospital and primary care with an emphasis on telemedicine, robotic surgery.
- Founded in 2020 with a team of professionals working in the field of medical devices for almost 20 years.

Electrosurgery

ARC 400 Electrosurgical Generator

- Simultaneous bipolar coagulation.
- Power 400 W.
- Micro mode with power settings from 0.1 W.
- Bipolar instruments with manual activation.
- Tailor-made program according to the operator.



Electrosurgery

SHE SHA

Smoke evacuation system for open surgery

- Powerful and quiet with four stage filtration.
- Compatible with all electrosurgical generators.
- Automatic activation with the possibility to set the time of evacuation once it is activated.



Robotized laparoscopic instruments

Dex Surgical's obsession is innovation with the objective to allow the surgeon's wrist mobility to be transposed inside the patient during Minimally Invasive Surgery.

DEX Surgical

- A close collaboration with surgeons and 3 patents have led to Dex Device™: a Mechatronics system that includes Micromechanics, Embedded Electronic and Software Engineering to deliver a precise and safe procedure while drastically improving comfort during laparoscopic surgery.

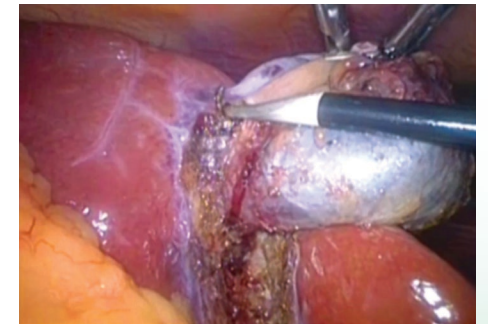


Electrosurgery

The amount of smoke produced in the operating room during one procedure is equivalent to smoking up to 30 unfiltered cigarettes.

Ultravision

- Smoke evacuation for laparoscopic surgery based on the principle of electrostatic precipitation
- Lower CO₂ consumption – less exposure to cold.
- Low pressure operation.



Electrosurgery

LOTUS

Ultrasound scalpel

Minimal thermal tissue damage. Tactile feedback allows for direct control and affects tissue cutting speed. Patented torsional oscillating movement of the blade.

2 types of instruments:

- Scissors for dissection - fast and accurate hemostatic tissue dissection.
- Liver resector - strong hemostatic effect due to the larger contact area of the blade, specially designed for liver parenchymatous tissue



Electrosurgery

Precise articulation up to 50% less force required to trigger the stapler ensures high-quality anastomoses.

Endostapler AEON Lexington

- Precise articulation.
- Operated on the handle.
- Thick-mode, always sharp blade.
- High-quality anastomoses even in the case of thick tissues.



Electrosurgery

Eberle

- Shavers
- Cutting discs, drills and wires.
- Use: minimally invasive surgery and orthopedics.



Electrosurgery

Xion

Efficient surgery thanks to robust yet lightweight trocars and laparoscopic instruments.

- Magnetic flap - patent.
- Diameters from 2.7 mm through 5.5, 10, 11, 13 mm to 16 mm.
- Tools - both jaws open, are without seals.
- Made in Germany, lifespan of decades.



MIS

Elliquence - MIS minimizes lateral tissue damage and 84% less damage to surrounding tissues using radio frequency of up to 4 MHz.

elliquence

- Access techniques: transforaminal, interlaminar.
- elliquence Trigger-Glex is a complete sterile kit, just plug into the generator and the operation can begin.
- Compatible with RIWOspine, the system can be used with any endoscopic tower.
- The endoscope has a working channel of 4.3 mm.
- Powerful generator with a frequency of 4 MHz.



MIS

Minimally Invasive Surgery of the Brain and Spine

Nuovag

- Surgical Motor System HighSurg 30
- MIS using radiofrequency technology.
- The reliable and versatile Neurosurgery HighSpeed Motor System for individual Control of Perforator, Craniotome and HighSpeed Handpieces.

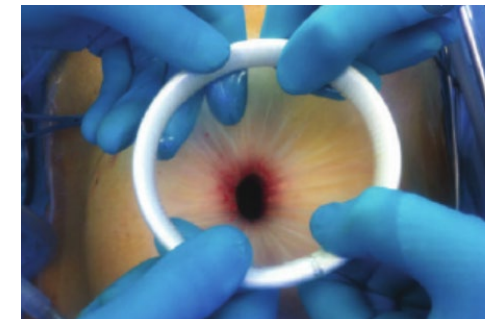
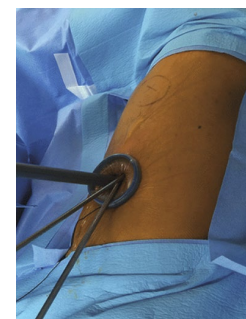


Wound protector

Wound retractors provide 360° wound protection for a wide range of procedures

Ankalaps

- **Polymer clips and clippers**
- **Wound retractors**
 - the likelihood of infection at the surgical site is reduced
- **Endobags**
 - facilitate tissue extraction in laparoscopic operations using small incisions
 - maximum security of samples during tissue collection, the risk of contamination is minimized



Electrosurgery

OPUS

Ultramodern 12-lead electrocardiograph

- Easy-to-use touch screen allowing monitoring of all 12 leads.
- Exceptional clinical precision thanks to a frequency of 16,000 Hz.



Electrosurgery

AktorMed – Soloassist II

A robotic camera assistant for laparoscopy with an average response time of less than 2 ms.

- Maximum flexibility thanks to a system of mechanized and free joints.
- Maximum image stability, wide field of view throughout the abdominal cavity.
- Easy joystick control.
- The position of the arm can be changed at any time and locked in a new position.
- Minimal costs for consumables thanks to resterilizable components.



Electrosurgery

AktorMed - ENDOFIX^{EXO}

One press of the button
positions the endoscope.

- Passive support arm for endoscope positioning
- Stable operational field of view
- Wide range of motion
- ENT, neurosurgery, spondylo surgery



Robotic surgery

ASENSUS SURGICAL

A bridge between laparoscopic and robotic surgery

Artificial Intelligence

SENHANCE™ SYSTEM

The first and only digital, multiport laparoscopic platform mimicking traditional surgical instrument movements and providing technological enhancements such as:

- tactile feedback
- control the camera with your eyes
- robotic precision
- comfortable ergonomics
- resterilizable instruments, 3, 5, 10mm
- general surgery, gynecology, urology, pediatrics, thoracic surgery



Primary care

**Intuitive analyzer to
determine PR/INR
coagulation values with
the accuracy of
laboratory instruments.**

Xprecia Stride™

- Dade Innovin reagents and liquid QC ensure accurate results.
- Intuitive control, color display.



Functional Examination

MESI

Diagnostic medical devices for practitioners

MESI mTABLET

- Platform for functional examination: **ECG, BP, ABI, TBI, SPO2, spirometry.**
- Comprehensive solution for your **modern medical practice.**
- Certified medical tablet is a unique healthcare solution. It **integrates data from wireless diagnostic modules,** patient medical records and a wide range of medical applications in one system.
- **All data are secured** and at the same time they can be shared, analysed and evaluated remotely from other devices.
- Simple and uniform controls for medical examinations performed.





Thank you

Promedeus s.r.o.
Brno | info@promedeus.cz

promedeus.cz