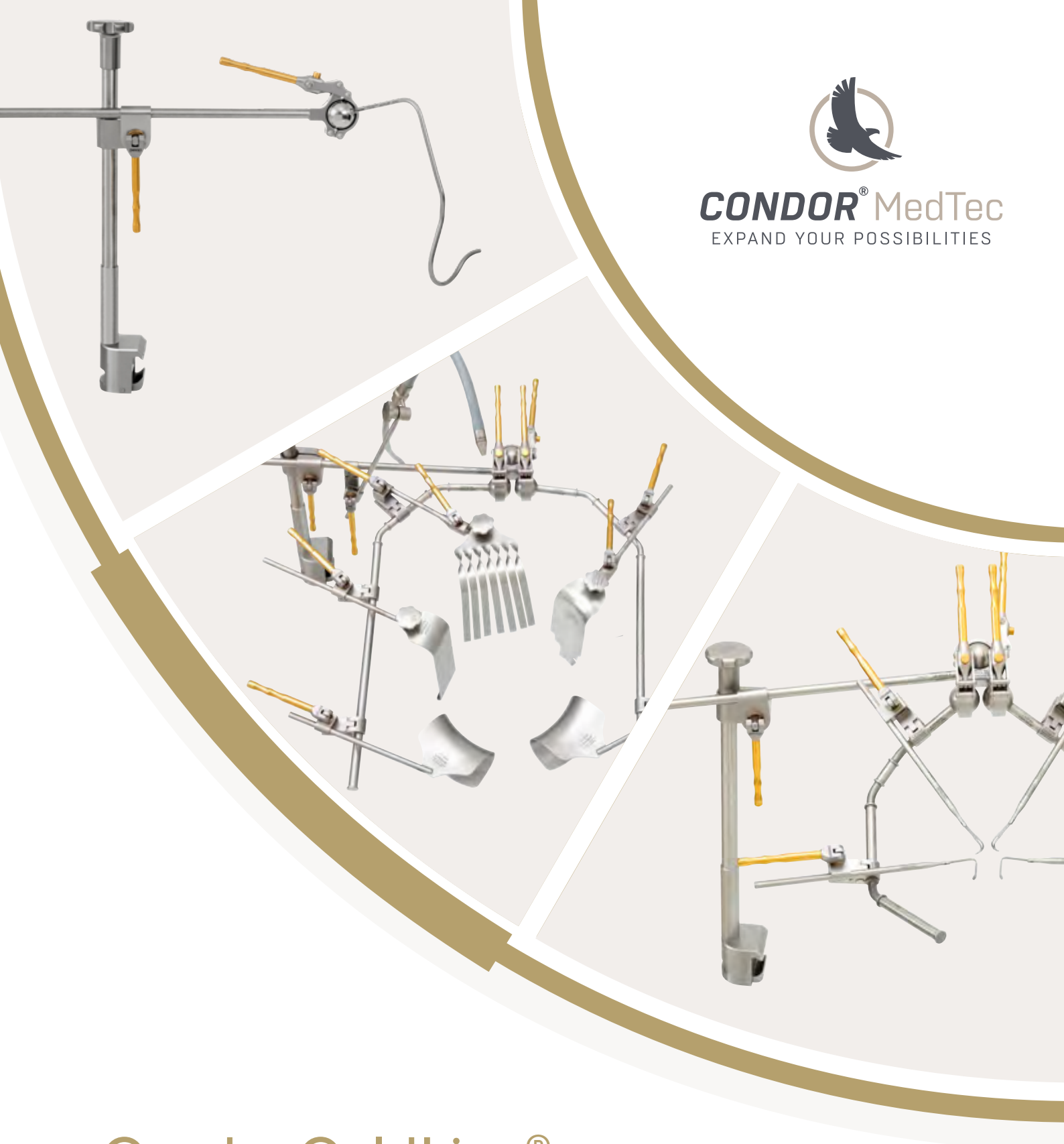




CONDOR[®] MedTec
EXPAND YOUR POSSIBILITIES



Condor GoldLine[®] Multifunctional Retractor Systems

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Condor GoldLine®

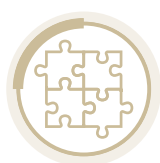
Multifunctional Solutions for the Highest Requirements in Surgery

Surgeries are complex and individual. They require various surgical assistance systems that may be applied in a flexible way.

At the same time, efficient workflow, the highest level of patient safety and a maximum of cost efficiency must be ensured.

What this means for you: A high organizational effort. Our unique multifunctional retractor systems will offer you the perfect support and provide you with access to new opportunities.

Our solutions will facilitate the following:



Maximum Precision Work

Excellent sight in the situs and tip-focused working in a calm and stable surgical area with maximum freedom of movement.

Individual Flexibility

Individually combinable systems adaptable to your surgery that are compatible across systems and may be applied interrelated and together.



User-Friendliness

Uncomplicated system setup as well as intuitive, quick and simple operability.

The Highest Patient Safety

The individual adjustable system components and their special design reduce the risk of tissue and vessel damage. An integrated isolation at the main holder increases the protection against electric currents. Moreover, the reduction of the number of persons in the operating room demonstrably decreases the risk of infection.



Efficient Surgery Management

By a consequent standardization of the Condor GoldLine® systems in your clinic, you will optimize the workflow. Staff capacities that were so far bound will thus be released, for instance for the training of professionals. The compatibility of the Condor GoldLine® system supports you with realizing efficient investment planning and in strategic purchasing.



„We will find the ideal solution
for your clinic in cooperation with you!“

Our promise:



Excellent Service

Our professional team with longstanding experience is quick to respond and can offer you the individual solution that's best for you within the shortest amount of time. Advice, surgical support as well as set reconditioning with warranty extension are par for the course with us.

Quality Work "Made in Germany"

Our patented products come from a single source and are manufactured from high-quality long-lasting materials at our site in Salzkotten. All products are certified according to EN ISO 13485:2016.



Tried and Tested

Our intuitive-to-use systems were developed and tested with specialists from the practical field and stand the test there. In our product development, we take up the experience and wishes of our users. As an owner-managed family business, our focus lies with a constructive and trustful cooperation with our clients and employees. We combine practice-orientated knowhow, longstanding experience, innovative technique and quality work "Made in Germany".



The Unique Characteristics of Condor GoldLine® Systems

Precision work in surgery is the essential factor – the patented retractor systems of Condor GoldLine® will allow for an exact, individual and safe adjustment of the surgical situs as well as an optimal sight into the depths.

The modular systems can be used in a multifunctional way, set into the perfect position with fewer movements and enable you to work barrier-free.

Dismountable Main Holder

- Simple cleaning and sterilization
- Compatibility with different operating tables

Integrated Isolation

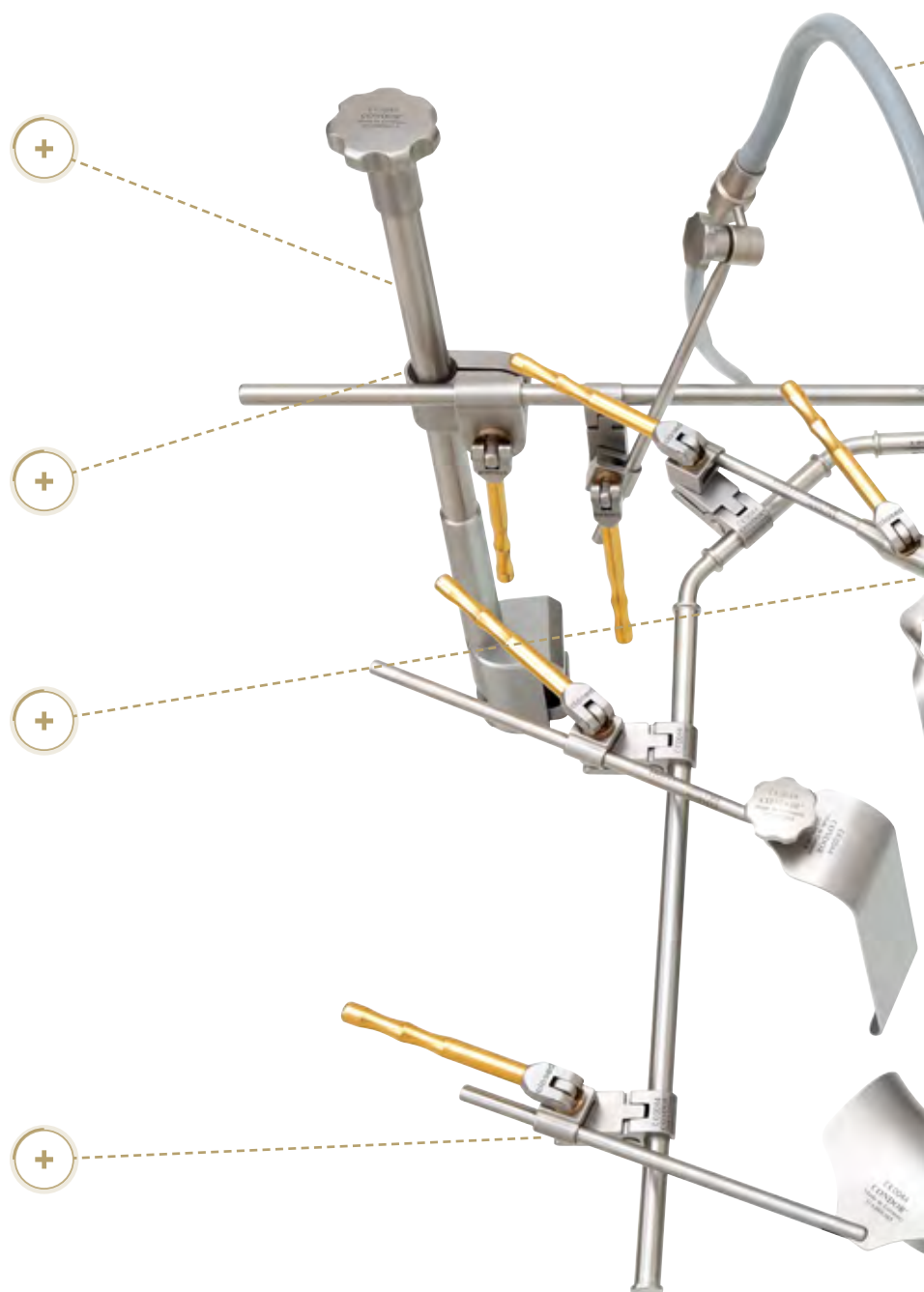
- No patient hazard by high-frequency current

Patented Blade Holder for Tip-Focus

- Tip-focused working
- Optimal, continuous situs adjustment in the depths

Quick Locks

- Quick, stable and safe adjustment of the surgical situs by only one hand
- Patented opening mechanism and integrated safety device.



General and
Vascular Surgery



Paediatric
Surgery



Cardiothoracic
Surgery



Urology

Exemplary Representation of the Abdominal System



Combinable with Cold Light

- Better depth illumination thanks to flexibly adjustable cold light cable



3D Adjustment with Ball Joints

- Individual placement of retractors
- Maximum flexibility and freedom of movement for the surgeon
- Stable setup of the holder arms according to surgical situation



Golden Colouring

- Simple identification of the parts for opening and fastening



Freely Selectable System Compilation

- Large selection of retractors for individual surgery
- Various sizes and lengths
- Also available in a translucent design



User-Friendly

- Quick and simple setup
- Intuitive operability
- Simple cleaning and sterilization



Gynaecology



Minimally Invasive
Surgery

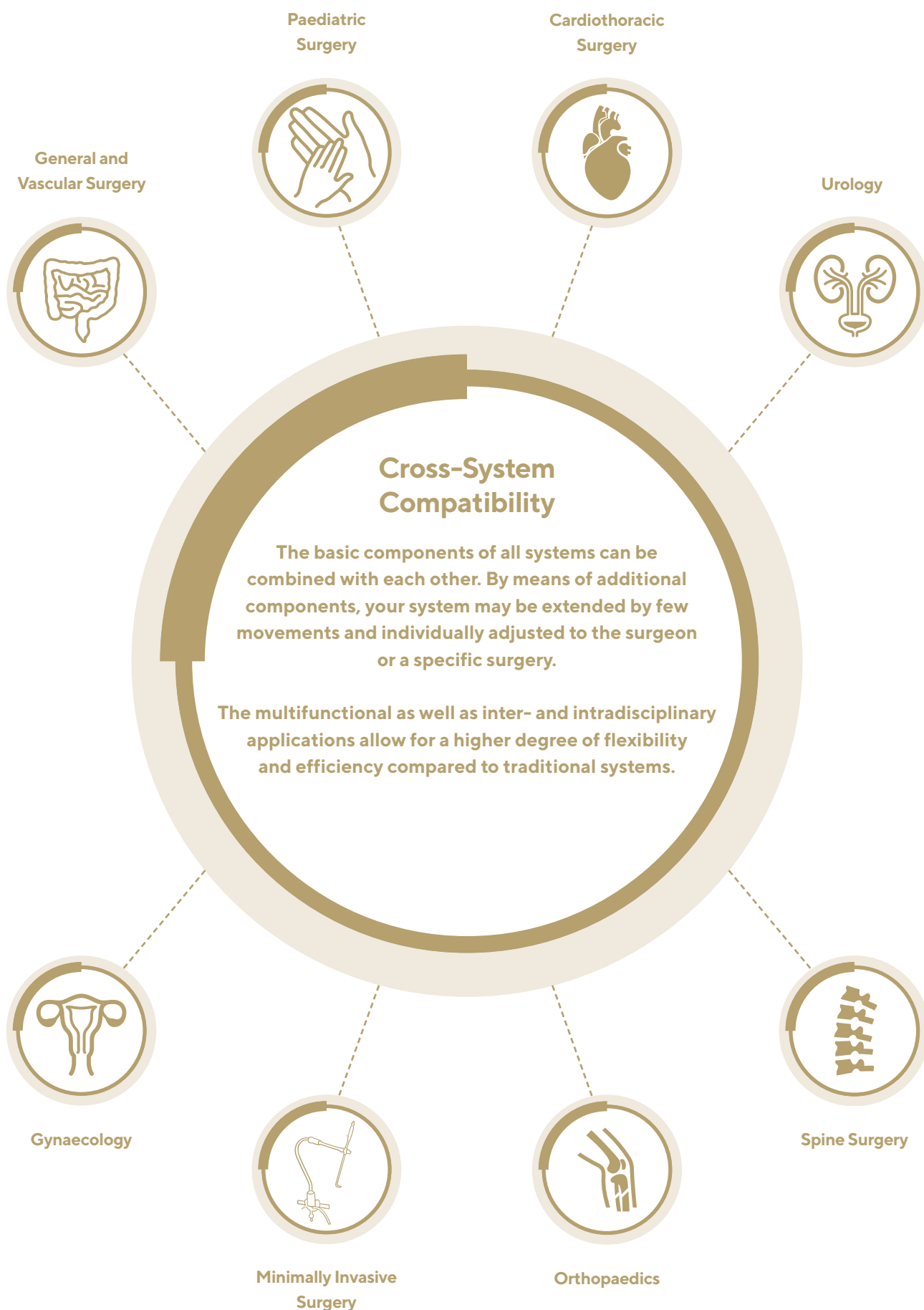


Orthopaedics



Spine Surgery

Condor GoldLine® One System – Many Scopes of Application



Condor GoldLine® Retractor Systems

Mini-Systems

Ideal for smaller surgical areas

For thyroid, proctologic, paediatric, gynaecological, urological and spine surgery

- Perfect interaction of a fine retractor system and small retractors
- Reusable retractors and single-use retractors may be used in combination

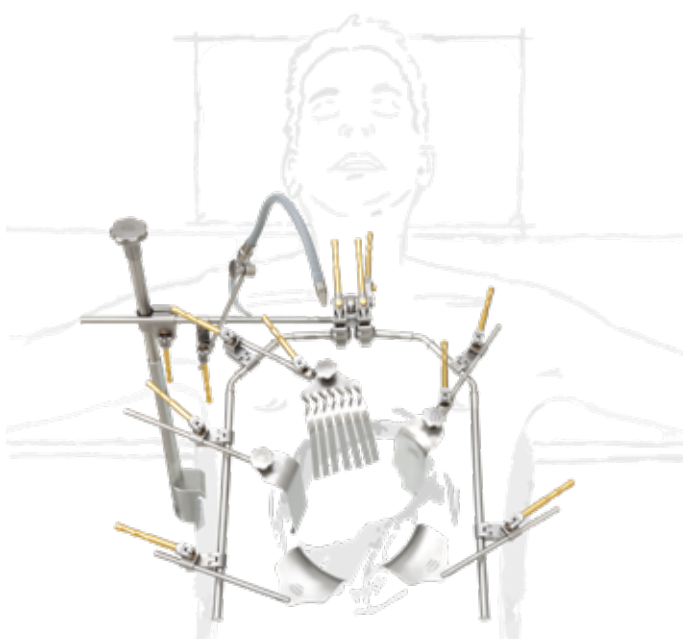


Abdominal-Systems

Ideal for the highest stability

In bariatric, rectum, visceral, vascular surgery, urology and gynaecology

- Tip-focused working
- Additional extension, which closes the system, offers more opportunities to use retractors
- Special retractors allow the use in different disciplines
- In open bariatric surgery, two systems may be linked for even higher stability (two main holders)



Condor GoldLine® Retractor Systems

Rochard-Systems

Ideal for surgery at the upper abdomen and transplant surgery

- Smooth representation of the surgical area by means of a sensitive pulling device
- Raising and spread of the costal arch without major effort thanks to ultra-light fine adjustment
- Optimal representation of the hiatus for a large surgical area by angled blade holders
- Completely sterile setup increases the hygiene standard
- Random fixation of the Rochard frame with the possibility of an individual traction control
- Abdominally extendable with additional holder arms

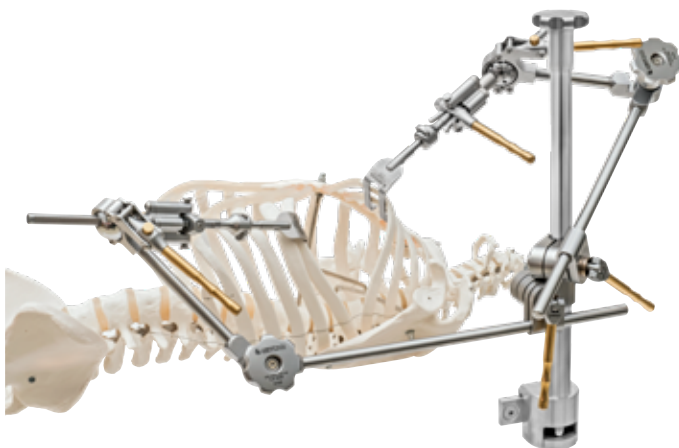


Condor GoldLine® Retractor Systems

Cardiothoracic Systems

Ideal for minimally invasive bypass surgery (MIDCAB)

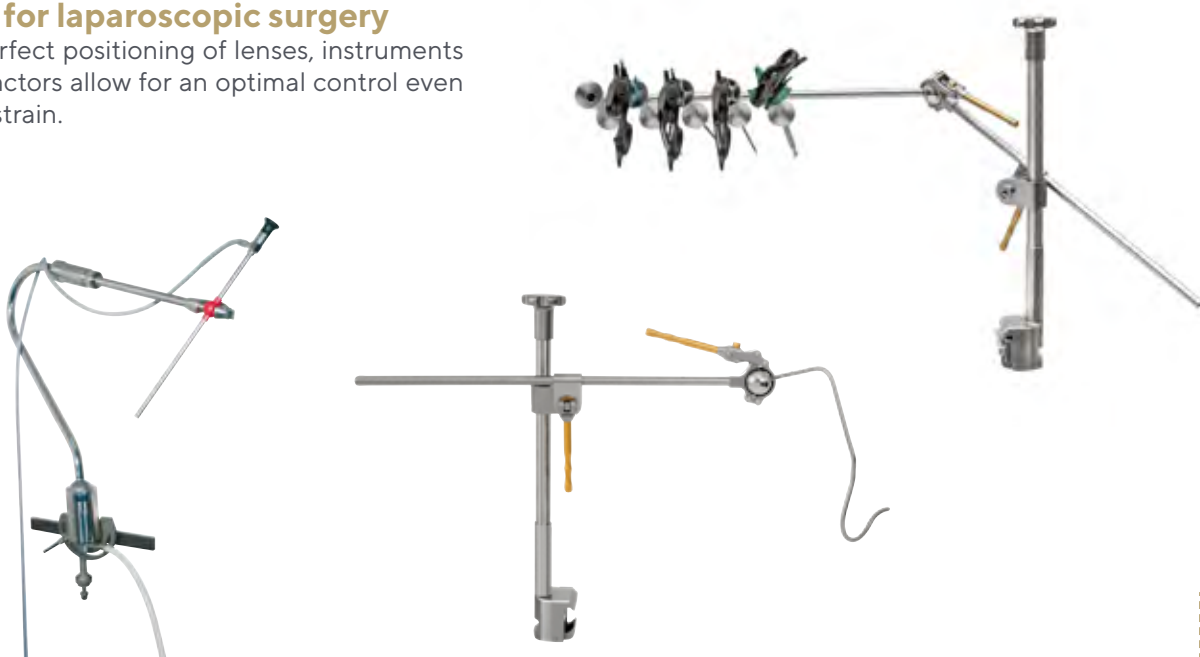
- Highest patient safety by two individually adjustable pulling devices by means of 3D ball joints – the system floats freely above the patient and does not rest
- Easy adjustment without any effort
- Holding device for a tissue stabilizer
- System setup possible from the side of the surgeon or from the opposite side



Minimally Invasive Accessories

Ideal for laparoscopic surgery

The perfect positioning of lenses, instruments or retractors allow for an optimal control even under strain.

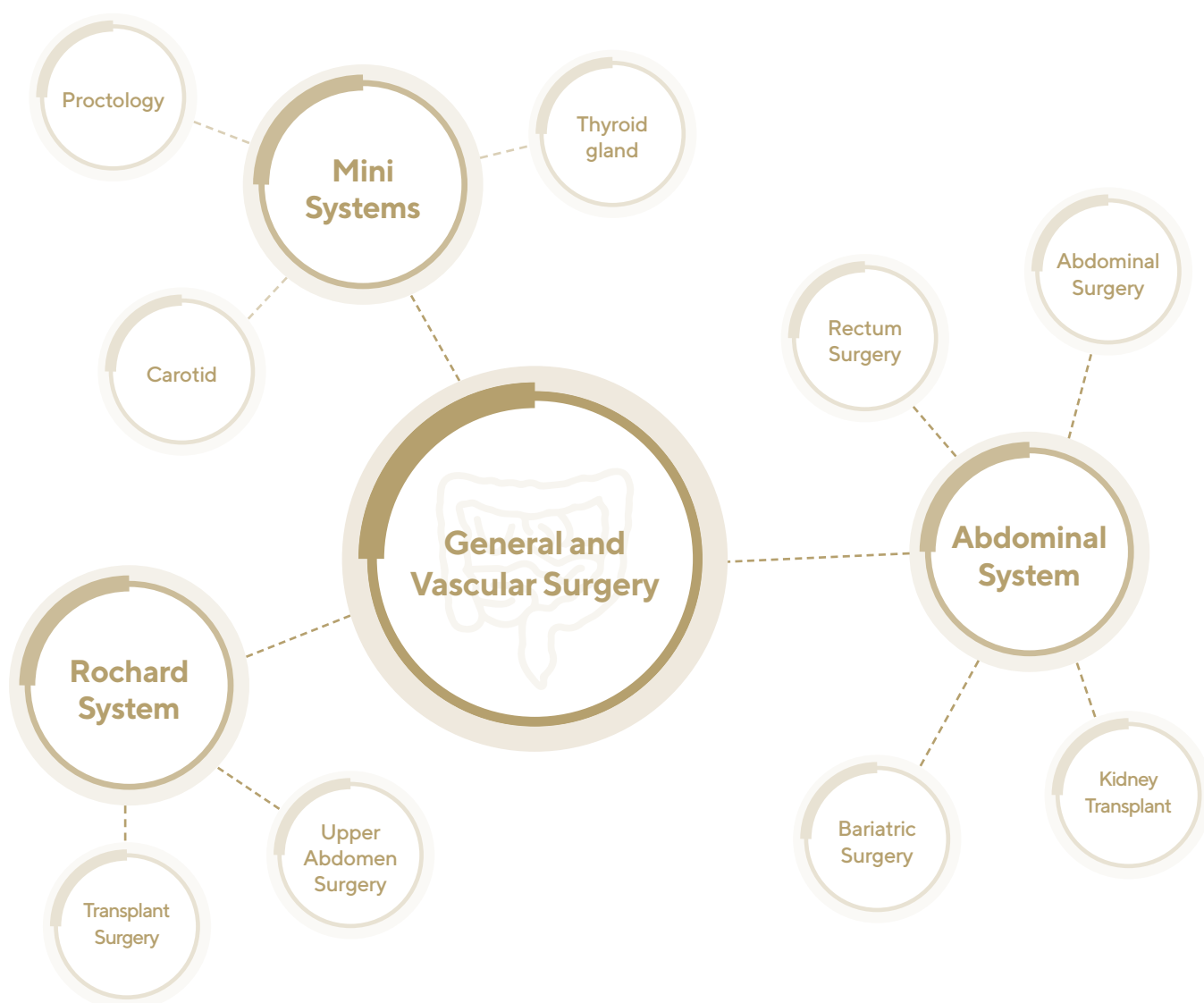




General and Vascular Surgery

In general surgery, surgeons and assistants face a multitude of individual interventions. The requirements and challenges are manifold and complex: bariatric surgery requires high system stability and a correspondingly large radius. The lithotomy position for proctologic surgery requires an experienced management of restricted spatial conditions. For thyroid surgery, the adjustment of the "upper pole" and the head access for the anaesthetist is restricted by the assistant.

The **cross-system compatibility and multifunctionality** of the GoldLine® systems will be a perfect support for you. By means of additional components, you can freely adjust the mini system, the abdominal system as well as the rochard system, master the usual challenges and provide maximum precision work. Difficult lighting conditions, such as as for rectum surgery, will be no problem with the flexibly combinable **cold light**.





Thyroid Surgery

Mini System for Struma und MIVAT

By means of the movable holder arms with ball joints, you may perform a **3D adjustment according to the individual head reclin**ation of each patient. **Refined retractors** such as Mini-Langenbeck and Mini-Roux retractors provide for an excellent representation of the upper pole. The anaesthetist will gain unrestricted access since the surgery may be performed in pairs as a standard.

The so far only retractor system for the minimally invasive video-assisted thyroidectomy (MIVAT):

Additional components such as camera and instrument holders as well as special retractors will enable to implement the minimally invasive surgery with undisturbed video transmission.

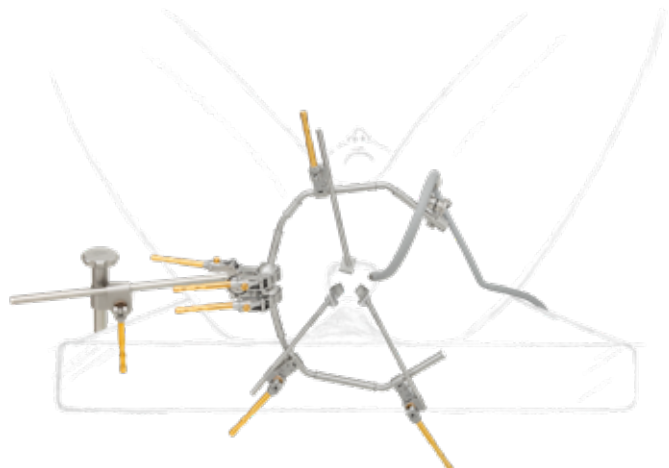


Proctology

Mini system for Proctologic surgery such as rectum surgery

Special **retractors pursuant to Alan Parks or Langenbeck** in various lengths may be used for an ideal adjustment in each depth desired. By means of double-click clamps, you can position the retractors or fixate the retractors in the clamp.

For **lithotomy positions**, the surgeon can perform the surgery alone between the legs of the patients. The assistant can take an ergonomic position. Any unintended situs change is excluded.





Mini-System

For Carotid Surgery

The system is fastened sterile to the operating table and individually adjusted as required.

The use of an additional hand retractor is no longer necessary and carotid surgery may thus be performed in pairs as a standard.

The 3D ball joints offer the opportunity to adjust the holder arms precisely to the surgical area and provide for a stable operating area in combination with known retractors.



Abdominal System

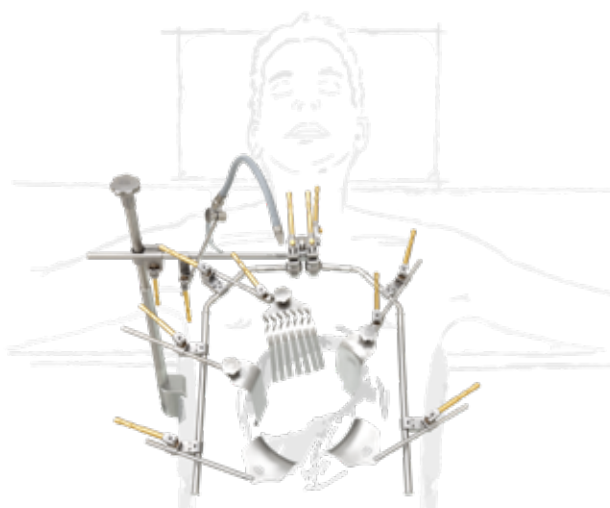
For visceral and vascular surgery

The size of the retractors and the surgical area covered by the holder arms are perfectly adjusted to interventions in visceral and vascular surgery as well as to abdominal surgery and allow for **excellent precision work in the abdominal area.**

Either side of the abdominal wall may be raised and lowered in an isolated way from the right or left side, for instance, in order to maintain an optimal access to the preparation of the flexure zone or to solve adhesions in the abdominal wall.

Even in emergency situations with 2 persons, safe and stable work is ensured.

For the renal vein, St. Marks pelvis retractors are available and for aortic surgery, special retractors are available to you.





Abdominal System

For deep rectum surgery

The deep rectum surgery is especially challenging in the small pelvis. The abdominal system for rectum surgery will enable you to work tip-focused, even in case of a demanding situs representation.



Abdominal System

for Nephrectomy and Transplantation

Your system for tip-focused working with long instruments in the depths.
For small access with regard to minimally invasive techniques, **especially shaped holder arms** may be used.



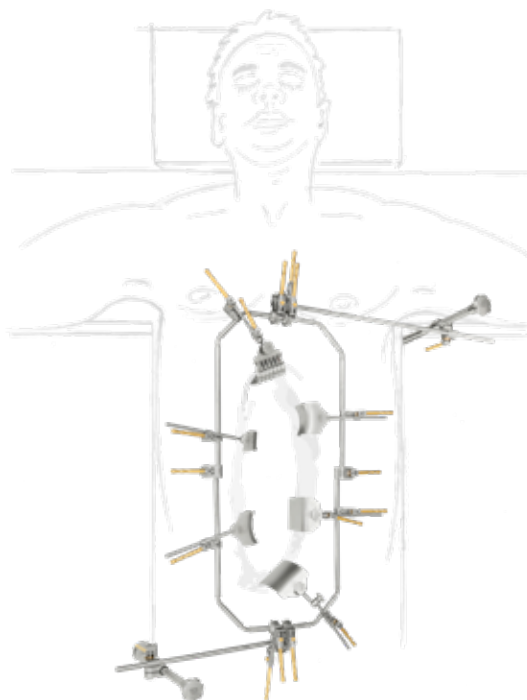


Abdominal System

For surgery at obese patients

Your system for the **highest stability** with an accordingly large radius.

For pronounced obesity, two systems may be linked. Kirschner and Langenbeck retractors adjusted in size and length guarantee an ideal situs, even under complicated conditions.



Rochard System

For upper abdomen and transplant surgery

The first Rochard system with an ultra-light fine adjustment for the upper abdomen and transplant surgery.

A simple and quick set up above the shoulders provides you with freedom of movement and a very good overview. Extendable as required by setting up side holder arms.





Paediatric Surgery

Maximum precision is essential especially for surgical interventions at children.

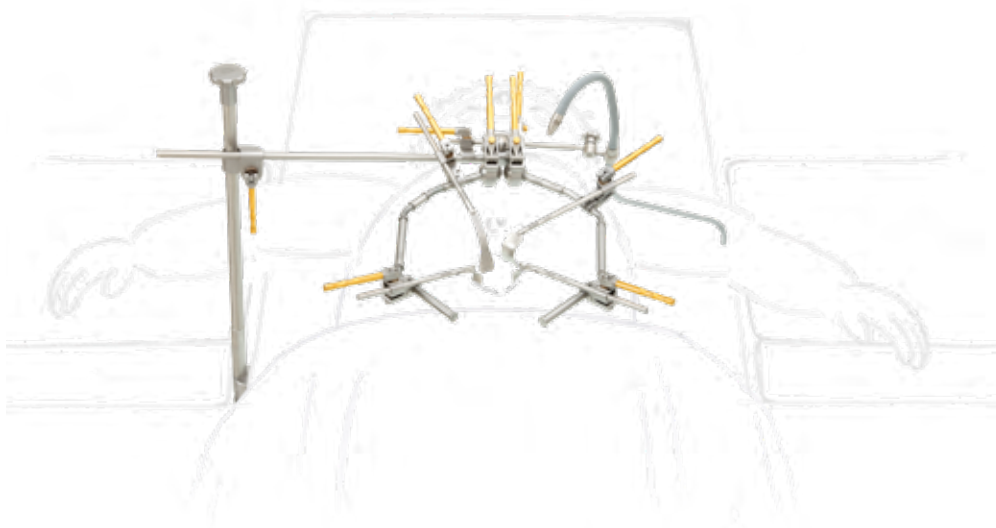
The mini system of Condor GoldLine® therefore guarantees you a perfect interplay of **small, flexible and malleable retractors** in a fine system. By means of a **distance holder**, the main holder can be lowered to the level of the body.

The surgeon will benefit from an excellent freedom of movement as well as an unrestricted freedom to move the arms at the operating table.

In combination with the Condor® **cold light cable**, paediatric surgery can also be well illuminated given small access.

Mini System

For paediatric surgery and paediatric urology



For plastic surgery of the renal pelvis in a lateral position, anti-reflux plastic surgery or pyeloplasty, ureteroplasty, bladder plastic surgery (bladder augmentation)

The mini set for paediatric urology will enable you to work precisely to the millimetre even for **the smallest cuts during renal or anti-reflux plastic surgery**. In combination with cold light, the situs is excellently illuminated. Especially during **plastic surgery of the renal pelvis**, you will benefit from the large flexibility

of our **paediatric urology set**: given the clear, stable adjustment, **complex and protracted surgery** may be performed. Holder arms and retractors may be adjusted independently and adapted anytime to the positioning of the patient.



Cardiothoracic Surgery

During interventions in the cardiothoracic surgery, an **optimal retraction among the ribs in case of smallest access and minimal tissue damage** is of essential significance. In order to gain the best possible view into the situs, the intercostal access must be performed in maximum consideration of individual circumstances.

Moreover, the pull of the ribs is for the most part only feasible with high force.

The cardiothoracic system of Condor GoldLine® was especially developed for these highly specific interventions and will support you during minimally invasive bypass surgery in a way that is so far unique.

High Stability and Resistance

- Patented pull mechanism

Compatibility

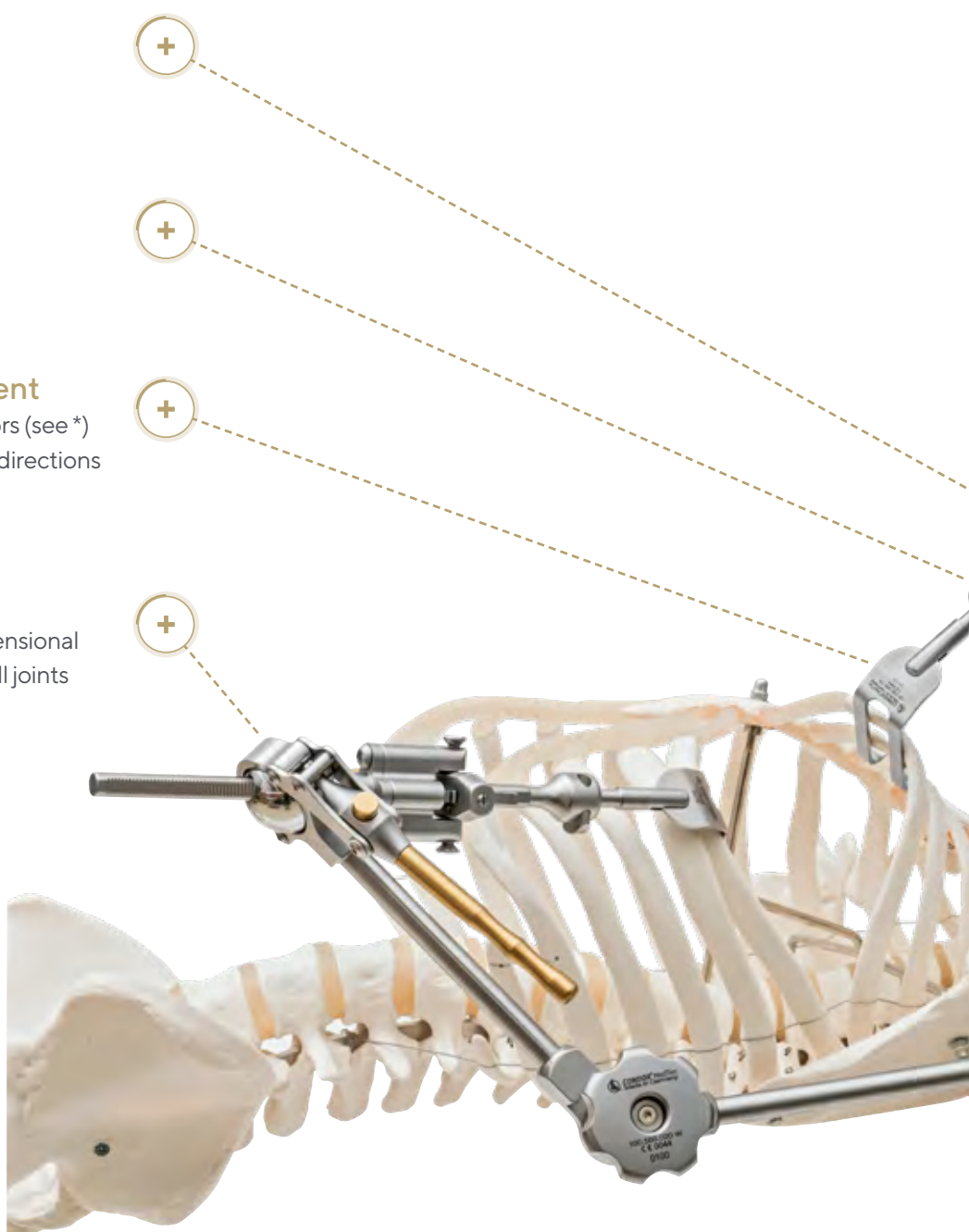
- Mounting adapter for the tissue stabilizer

Individual Situs Adjustment

- Broad range of different retractors (see *)
- Individual adjustment of pulling directions

User-Friendly

- Fine adjustment and three-dimensional setting positions by means of ball joints





Cardiothoracic Surgery

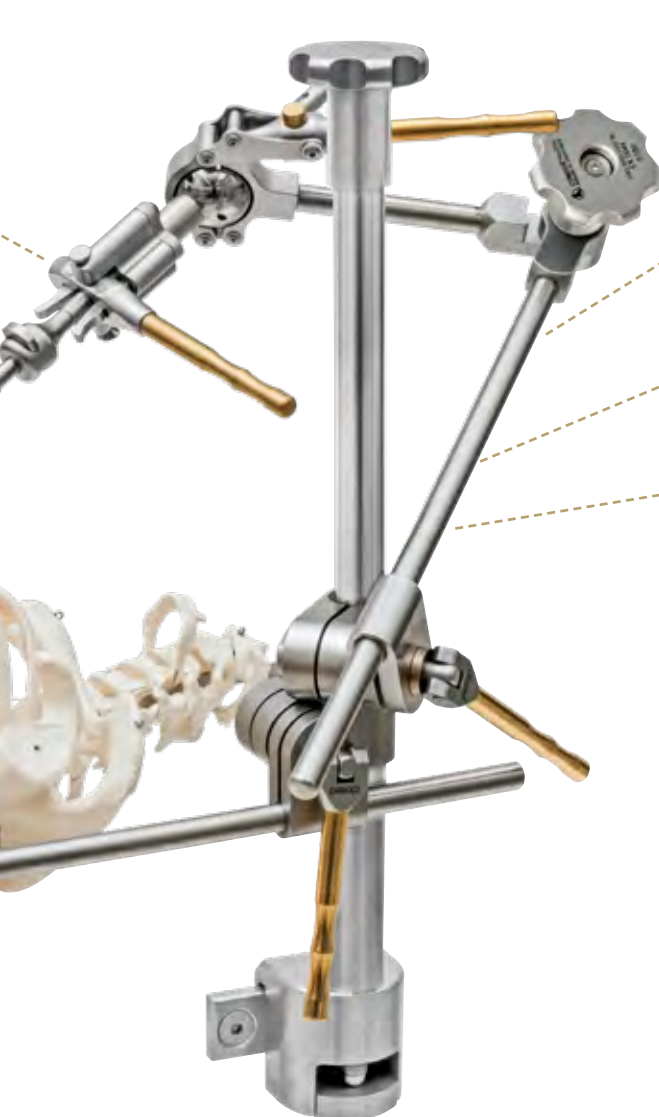
For minimally invasive direct coronary artery bypass surgery

The Condor GoldLine cardiothoracic system includes two **individually adjustable pulling devices**. For sufficient stability, no major force is necessary for pulling the ribs and the system is easily adjustable. The pulling device is also secured under force.

The handles and holder arms may be positioned as required so that you have maximum space for minimally invasive techniques. A tissue stabilizer may be fastened without any effort by means of an adapter

at the system and does thus not require any separate device. The system is **fastened at the operating table** and is not placed on the patient with the risk of pressure marks and vascular injuries.

The system can be setup from the surgeon's side or from the opposite side and you are able to decide between the possibility to rest hands and forearms or more freedom of movement.



Optimal Situs Sight

- Possibility to combine with optics and cold light cable



Flexible Setup

- Offers both freedom of movement and quiet and focused working



Patient Safety

- System does not rest upon the patient

***Choose between various retractors in order to design your optimal setup.**

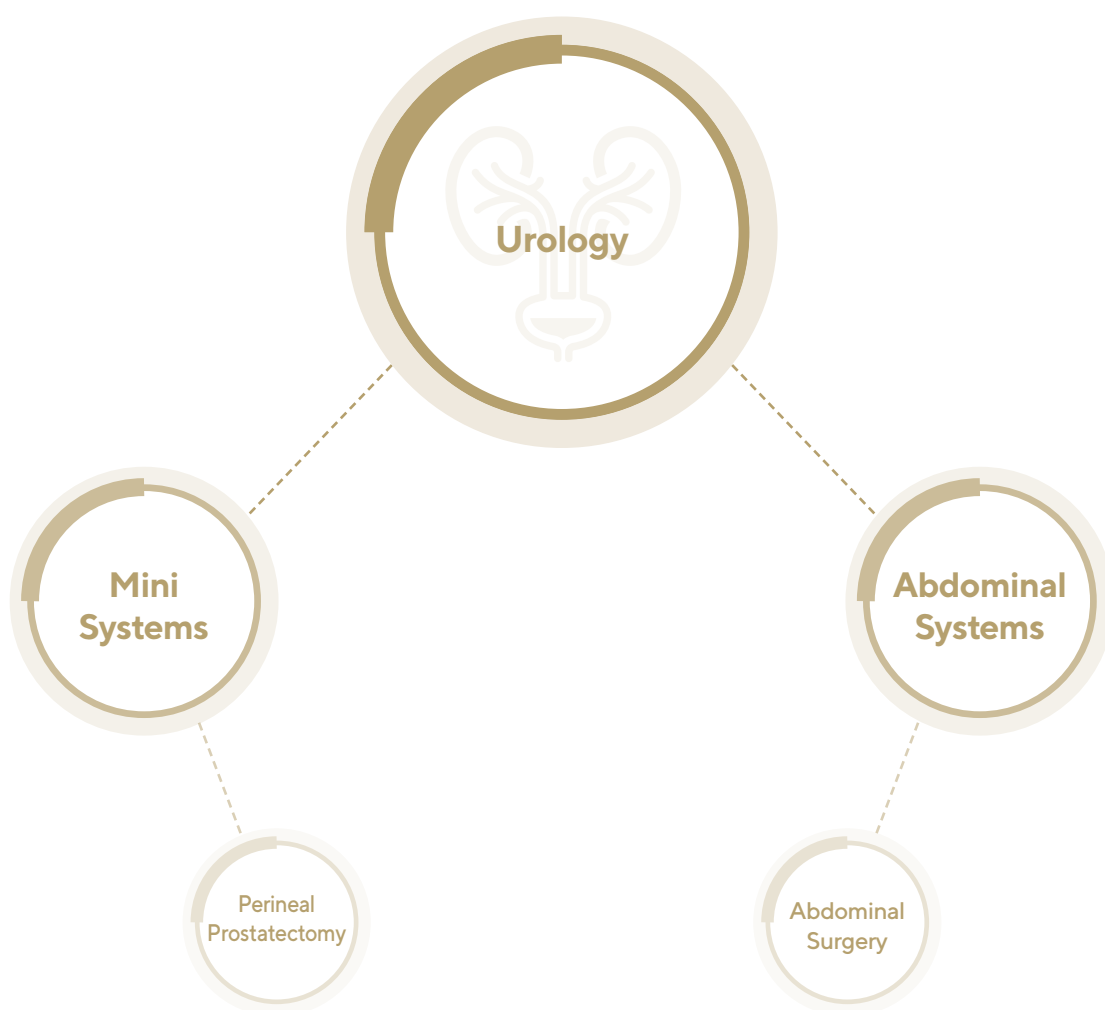




Urology

Little space, little freedom of movement, a demanding positioning and small surgical accesses are among the challenges of urological surgeries such as prostatectomy, perineal cystectomy, or nephrectomy.

The mini system and the abdominal system form your ideal basis: with few **additional components**, you can adjust both systems for your individual surgery. **Special retractors** in various sizes will assist you with the demanding situs setup and allow for tip-focused working.





Mini Set

for Perineal Prostatectomy

For an exact representation of the prostate and for the lithotomy position

The **minor space required** for the mini-system will offer you **new possibilities**: the surgeon can work alone and with **sufficient room for movement** between the legs of the patient and the assistant may take an ergonomic position.

By means of the **malleable retractors** in various sizes, the operational area can be optimally represented – even in the lithotomy position.

Little space – little light?

Combine cold light for a perfect in-depth illumination.



Abdominal System

for Abdominal Surgery

For abdominal and retroperitoneal urological interventions such as for a cystectomy or a radical prostatectomy

Special **bladder retractors** in various sizes will allow for a flexible and three-dimensional situs adjustment with only a few movements. The abdominal wall can be raised in an isolated way.

In particular during **renal surgery in the lateral position**, you will benefit from the individually configurable holder arms with ball joints in order to perfectly adjust the system.



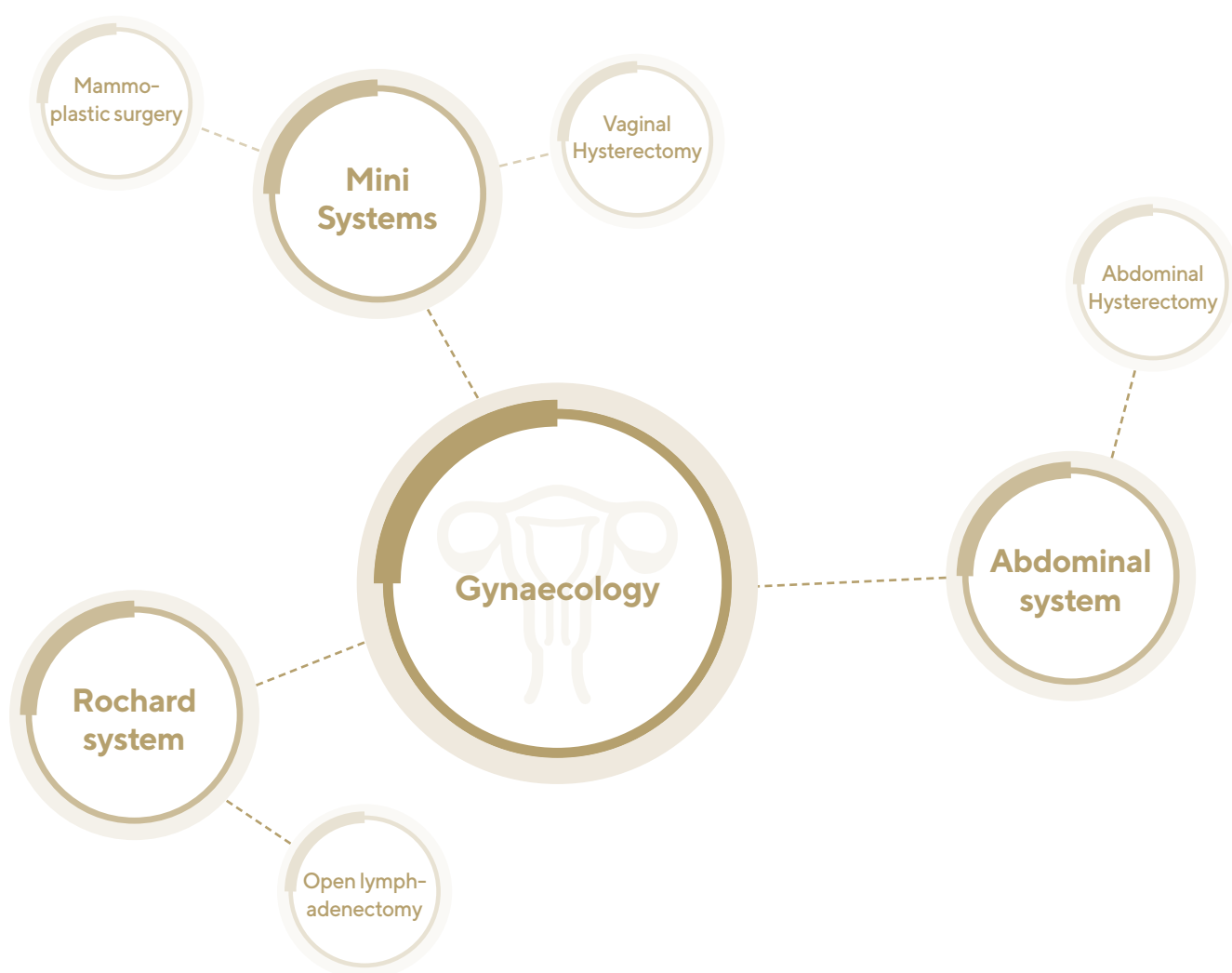


Gynaecology

Gynaecological surgery requires instruments that are flexibly usable for techniques up to major open oncological surgery. The fields of surgery are diverse and range from the vaginal area to the breast. The requirements are accordingly heterogeneous and complex. In particular during transvaginal surgeries, surgeons and assistants are confronted with impaired vision, restricted spatial conditions and an uncomfortable posture.

The cross-system compatibility and multifunctionality of the Condor GoldLine® systems can be precisely adjusted to the most diverse demands in gynaecology and support you in a unique way. Blade holders made **for a custom-fit positioning according to the surgical situation** and a **broad range of retractors** provide an **enormous facilitation of work** for surgeons and assistants.

Depending on their focuses, you can adjust a mini system, an abdominal system as well as a Rochard system with the corresponding supplementary components to any given surgery – **with additional cold light as required**.





Mini System

for vaginal hysterectomies

For transvaginal interventions such as prolapse surgeries, vaginal hysterectomies, vaginal plastic surgeries.

With the mini set for a vaginal hysterectomy, you will need **only one assistant**. The surgeon can work alone between the legs of the patient in the lithotomy position. The assistant can take an **ergonomic posture** and no longer has to stand (in the pelvic position) behind the legs or sideways behind the surgeon.

The usual **speculum retractors** are part of the vaginal retractor system. You will have the additional possibility to use your existing specula by means of our Condor special adapter.

Just position the vaginal retractors using flexible blade holders and replace the lateral retractors easily and quickly.

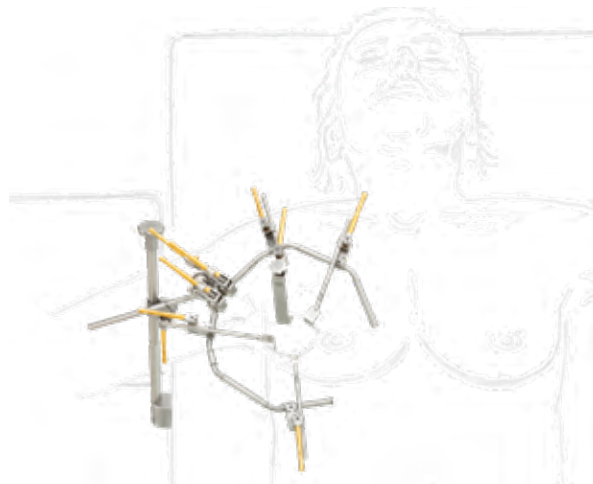


Mini System

For mammoplastic surgery

For lymphadenectomy and reconstructive breast surgery

You will be able to raise the M. pectoralis in a focused way with special **Pectoralis retractors**. In combination with cold light, the situs is perfectly illuminated, even when performing the smallest cuts in the depths. Unfavourable postures of the assistant when holding the retractors without a retractor system can be completely avoided.





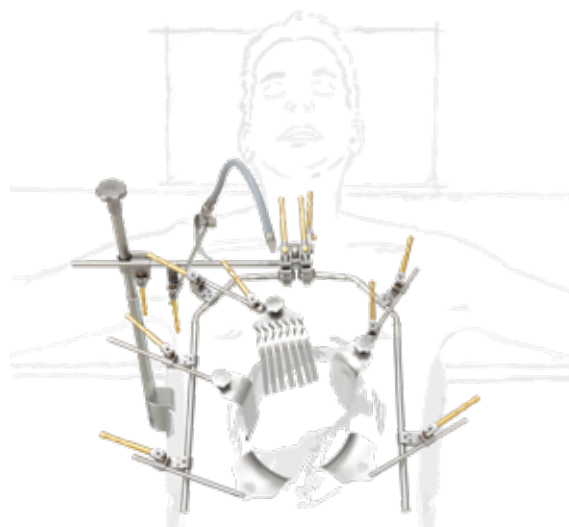
Abdominal System

for abdominal hysterectomies

Also suited for Wertheim-Meigs surgery

Raise the abdominal wall without any effort and bring about an optimal situs adjustment even for difficult expositions.

Extendable for a prolonged lymphadenectomy with a Rochard system.



Rochard System

for open lymphadenectomies

In combination with the abdominal supporting arm for the extension of the upper abdominal system

With the Rochard system for open lymphadenectomies, you can perform a slight and effortless fine adjustment of the retractors and raise or spread the costal arch without any major effort in large surgical areas by means of a **unique pulling device**. Additional **long and angled blade holders** allow for a very good overview. **Just fixate the Rochard frame in either position as required – regardless if steep or levelled.**





Minimally invasive Surgery

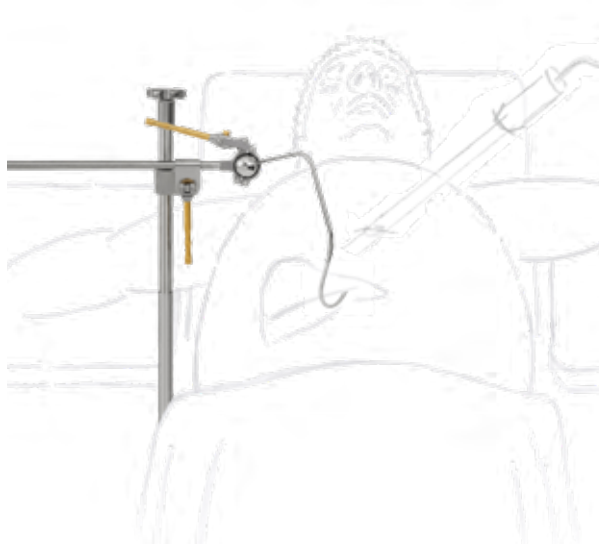
Liver Retractor

For a constant, smooth raising of the liver

The ideal extension for a calm situs. The laparoscopic retractor serves the smooth raising of the liver and allows for an excellent view of the upper abdominal organs.

Placed in a sterile area at the operating table, these retractors may be individually adjusted to the anatomic conditions of the patient thanks to their ball joint.

Available in various sizes. May also be used for obese patients.

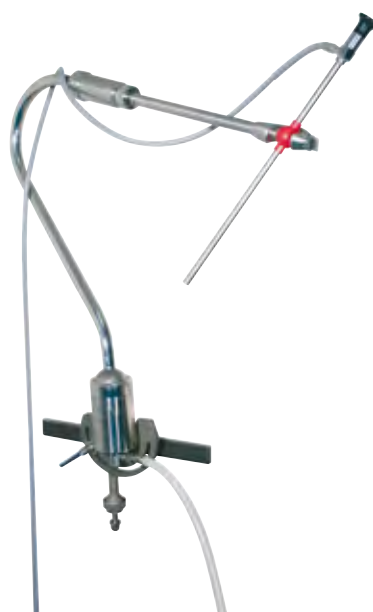


EndoBoy™

Instrument holder for endless possibilities in laparoscopic surgery.

As the **third hand of the surgeon**, the Endo-Boy™ positions optics/endoscopes and instruments and provides for maximum control **even under strain – up to the millimetre!** Given its quick lock, the Endo-Boy™ may **be used very easily and only by one hand** and the position of the instrument holder may be quickly varied.

Optimal cleaning: The instrument holder is completely dismountable and admitted for common treatment processes. The pneumatic central support can be sterilized or covered with a sterile protective cover.





Minimally invasive surgery

Laparoscopic Instrument holder

Benefits and advantages of the support system



Advanced comfort for the surgeon

- Ergonomic working sparing the back
- Store your instruments close to the surgical area
- Prevention of tangled cables
- Optimized process flow by quick change of instruments and a calmer working – developed by users for users with Prof. Dr. Oldhafer (Asklepios Klinik Barmbek, Hamburg)



Patient Safety

- No instruments rest upon the patient
- No damaging of the sterile cover by hot or sharp instruments



Compatibility

- Ideal for the use with the Condor® GoldLine liver retractor
- May be extended as a supplement to the existing portfolio (compatible with the standard main holder)

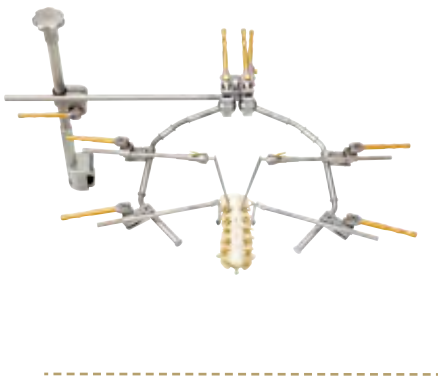




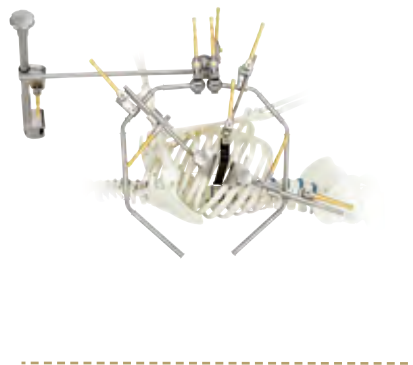
Orthopaedics & Spine Surgery

Spine Surgery

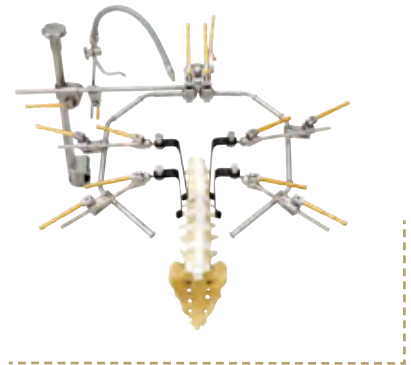
**Mini system
for the cervical spine**



**Mini system
for the thoracic spine**



**Mini system
for the lumbar spine**



Orthopaedics

Knee endoprosthesis



Shoulder endoprosthesis



Hip endoprosthesis



**Supplementary leg support for
hip replacement**



Discover the advantages of the patented Condor GoldLine® retractor systems for **orthopaedics and spine surgery** in depth in our special brochure.





Supplementary Products

Covers and Pads protect the tissue of the patient against injuries

- Sterile disposable articles made of 100 % polyvinyl alcohol, pre-moistened
- Can be individually cut to size
- Absolutely lint-free, supple, absorbent
- Safety control via X-ray contrast detection
- Certified according to EN ISO 13485 CE 1639



Covers

Licensed Retractor Covers / sterile retractor covers for all common retractors preventing the retractors from shifting and absorbing the fluids in the wound. The covers are available in many shapes and sizes. **No covering of the retractors by the AEMP/ZSVA.**



Pads

20mm thick sterile pads for abdominal interventions and pelvis surgery

The pads flexibly adapt to the abdominal contours, keep the intestines safe from the surgical situs, reduce the strain of retroperitoneal vessels and minimize the pressure to the intestines, vessels and diaphragm.





Lateral Support XP-360°

For a safe lateral positioning and undisturbed imaging

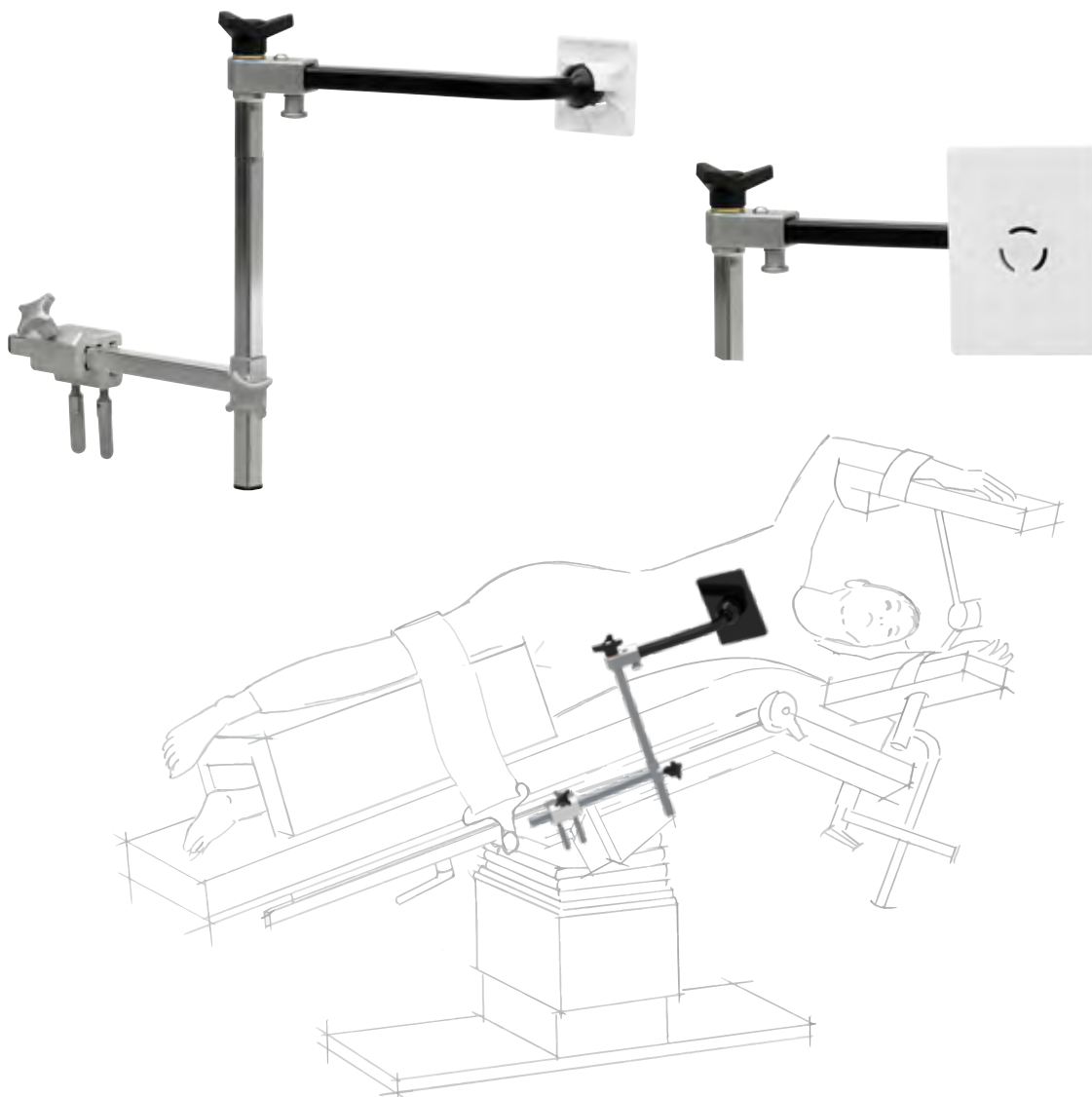
The radiolucent lateral support Condor® XP-360° offers the possibility to position the patient in a safe way and to optimally evaluate the surgical situs during intra-operative imaging.

- Available in 2 sizes
- Can be individually positioned safely and quickly

- Disposable cushion with a high strength for the reduction of the risk of a germ transmission and for a safe and stable positioning with extensive pressure distribution in order to prevent pressure damage
- Simple cleaning

Advantage for orthopaedics and spine surgery: the Condor XP-360° is made from radiolucent materials.

XP-360°



Condor® MedTec – a Promise of Quality

Condor® MedTec – this is us. Your specialist for surgical instruments of medical technology with the highest demand of function and quality. “Expand your possibilities” – this is our claim clearly transporting our demand and characterizing our action: we want to provide you with new opportunities by our products. Opportunities to enhance your own actual state. This is why we always look where you stand and keep developing us and our products for you based upon that state. The result: Instruments with first-class functions and helpful innovations for your work by the use of which you are able to meet your challenges during surgical interventions. This is the drive that we have been relying on from the beginning.

Part of the Condor® Group

From a start-up to a successful company. As Condor® MedTec, we are a part of the Condor® Group. Started in 1997 as a two-men operation, more than 40 employees are now working in the Condor® Group – quality work made in Germany. Apart from the Condor® MedTec GmbH, the Condor® Custom Solutions GmbH & Co. KG also is a part of the group and is operating in the areas of wire erosion technology, milling technology, surface finishing and additive manufacturing. The focus of the portfolio lies with manufacturing medical technology products – which is why we are able to design and produce precision instruments as well as accessories for medical surgery within the group. So you will obtain everything from one reliable source.



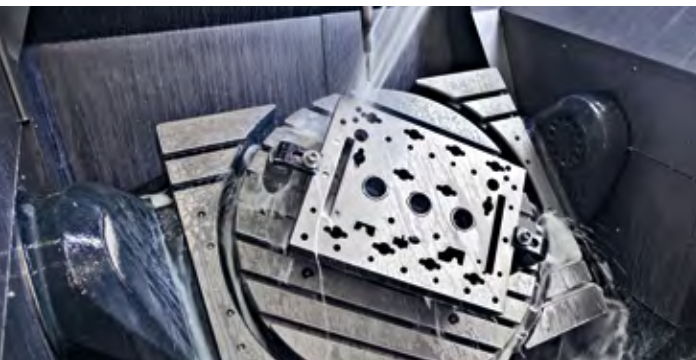
Research, Development and Quality

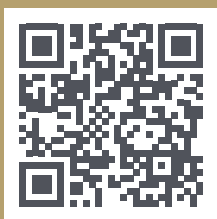
Standstill is unheard of for us. We further the expansion of our product portfolio, promote the exchange with users and benefit from these findings for optimization: For value-orientated growth. Our patents are proof of our comprehensive innovations performances.

The close connection with science and research has always been our core competence. We have an extensive network in the areas of research and development, with which we have been cooperating for years. This includes renowned partners such as the Fraunhofer Institut. This enables us to do the development work you benefit from, which is in the form of practical innovations.

Quality assurance is a fundamental part of the business philosophy and goes far beyond the mere meeting of criteria. Each individual step of the manufacturing process complies with the premium standards set by us and each product is subject to our quality control. Our products for our areas of competence, which are elaborated down to the smallest detail, are a proof of this high commitment to quality. They may not only be used individually, but also in combination, which you will determine based upon your individual situation.

Please see our product catalogue for more detailed information on the individual products or approach us directly – we will be at your side anytime in all matters.





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Stand: 08/2020