



CONDOR[®] MedTec
EXPAND YOUR POSSIBILITIES

Precision starts with position

Innovative assistance systems for the OR



Orthopaedics
and Trauma
Surgery



Spine
Surgery



Condor[®]
Goldline



Condor[®]
Patient
Positioning



Condor[®]
Accessories



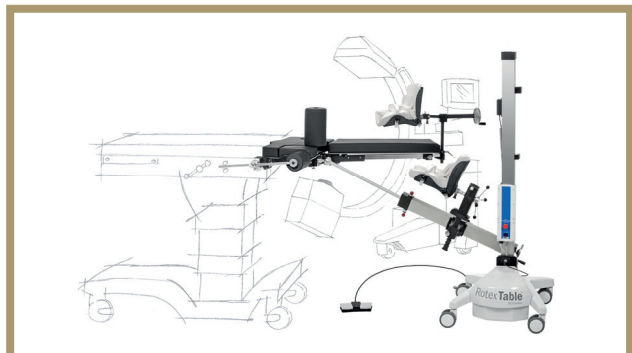
made in
Germany

Our portfolio
for orthopaedics, trauma surgery and spine surgery

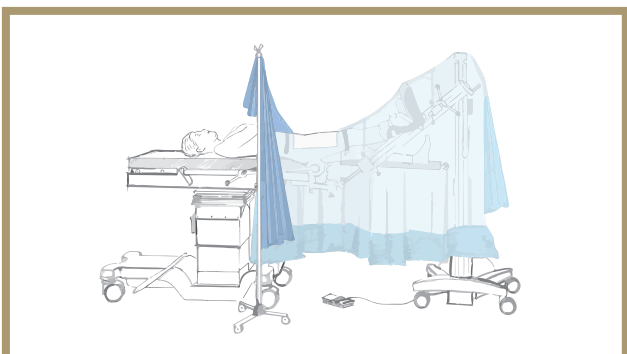
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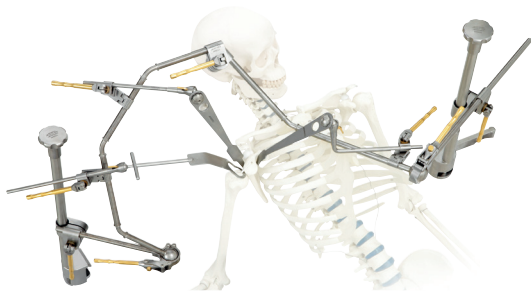
GoldLine® Retractor Systems:



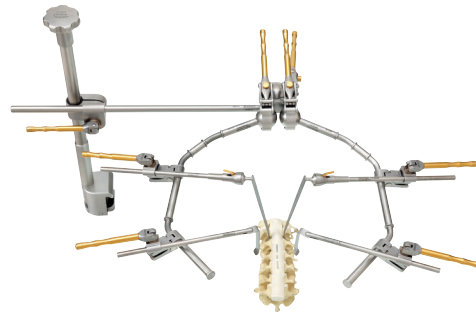
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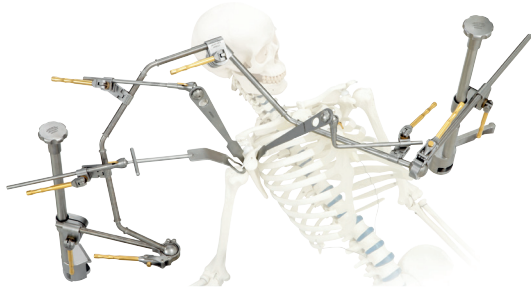
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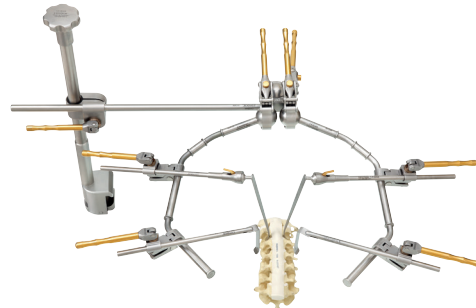
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“Value creation begins with appreciation.”

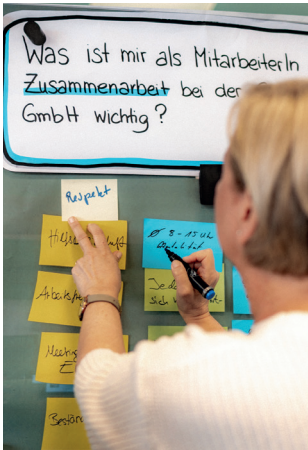
Since 1997, collaborative partnerships have been our top priority. We are convinced that this is the only way to create sustainable added value.

The Condor® MedTec GmbH has been synonymous with high-quality medical precision technology since 1997.

We design, develop, and manufacture application-specific surgical devices – 100 percent “Made in Germany.” Our technologies are more than just surgical instruments. They meet the highest safety standards, improve patient care, and streamline surgical procedures. For us,

patient safety is always the top priority. Our patented products are “one-stop solutions” manufactured at our Salzkotten site using premium, durable materials.

Condor® Custom Solutions is the authorized and certified provider for repairs and service.





Condor® Patient Positioning
for safe and efficient workflows in the OR

Patient Positioning Systems

for orthopaedics and trauma surgery

In surgical operations, the optimal positioning of the patient is of utmost importance. Additionally, during specific procedures, the surgical team may need to adopt unconventional positions to provide the surgeon with the best possible view of the surgical field.

To address these challenges, Condor® MedTec GmbH has developed suitable, patented positioning aids that are not only space-saving and secure but also highly flexible and individually tailored to the specific situation.





Condor® ES: Convert any standard OR table into a fully functional extension table in just a few steps



Savings on investment costs thanks to the uncomplicated connection to existing operating tables

Process-optimized surgery through intra-operative X-ray option for greater efficiency and cost-effectiveness

Flexible modular system for diverse surgical requirements

Safe working conditions thanks to increased freedom of movement for the surgical team

Premium quality "Made in Germany"



Condor® ES

ES

Hip Endo-
prosthesis

Hip
Arthroscopy

Fracture
Treatment

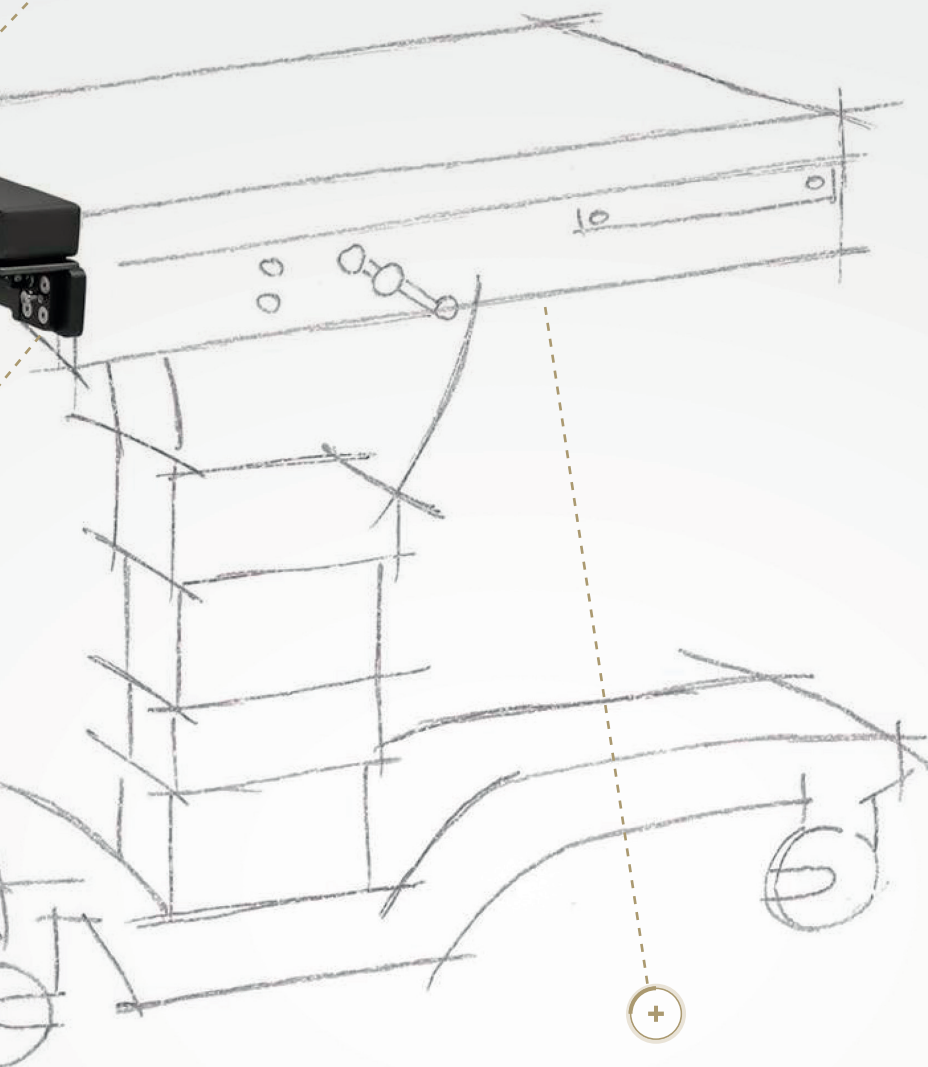
Pelvis
Surgery



Product and application videos are
available on our ES website



Connecting plate out of carbon



Standard
operating table



Including accessory trolley
for convenient storage
and handling



Extension System ES



Your benefits:

Attachment
to all standard
OR tables

Carbon extension
plate enables
optimal
intra-operative
pelvic imaging

Reduced investment
costs thanks to a
simple attachment
mechanism on the
standard operating
table

Space-saving and
convenient
storage of all
components
within the
accessory trolley

Supports patient
weights of up to
220 kg, depending
on the weight limits
of the operating
table

Easy handling
by only
one person

Integrated traction
device simplifies
patient
positioning

For ease of use,
leg plates can
remain attached
to the operating
table during
surgery

Reduced
OR changeover
times

Fast and secure
positioning
of the patient

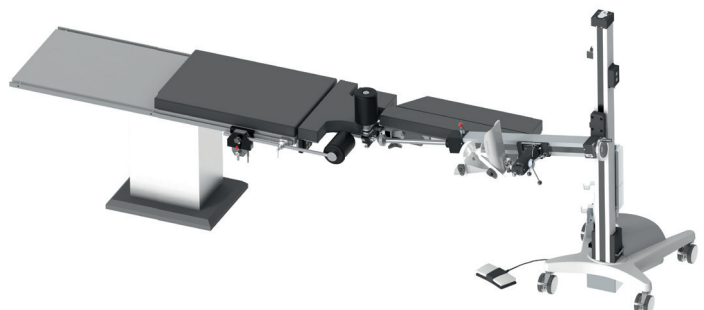
Combined use possible with

Standard operating
tables from
diverse manufacturers
Condor RotexTable®
Condor® RotexShoe

Process-optimized surgery

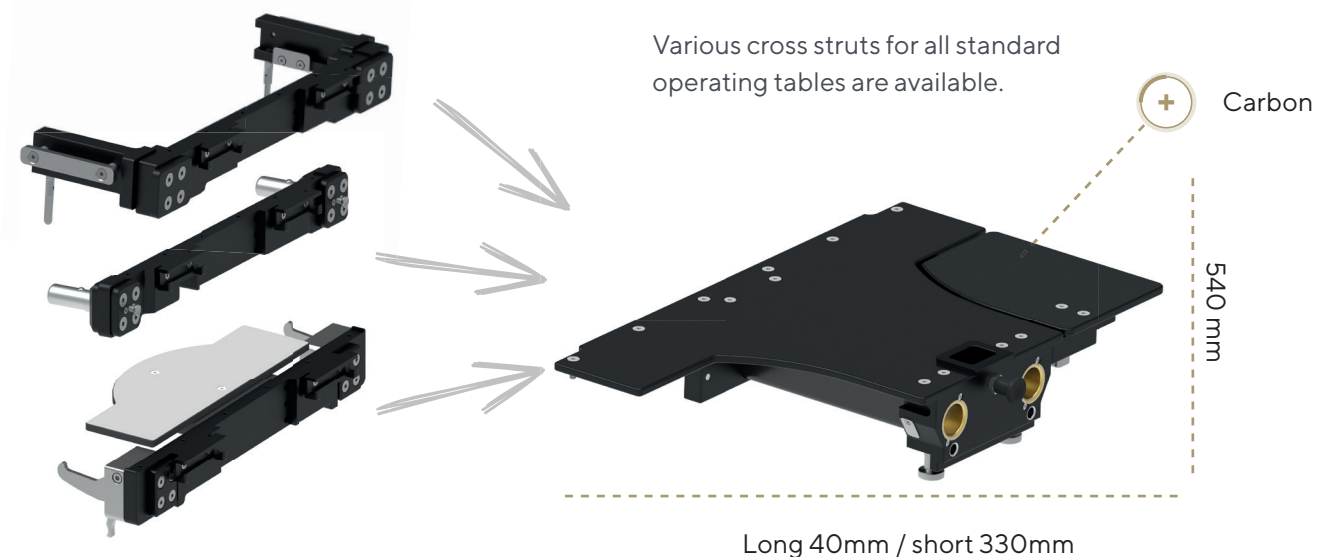
Tailored to meet the demands of the modern OR, the Condor® ES embodies process-optimized surgery at a premium level. Surgeons and their teams benefit from optimal working conditions, while the ES seamlessly unites quality and efficiency.

The ES is the perfect complement to the Condor RotexTable®.



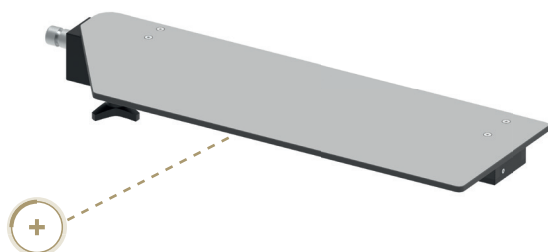


Configuration examples:



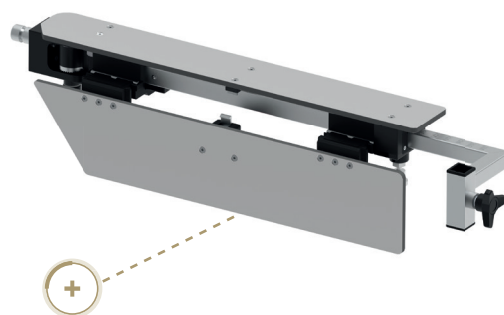
Different leg plates:

More options: Different leg plates for various challenges and applications



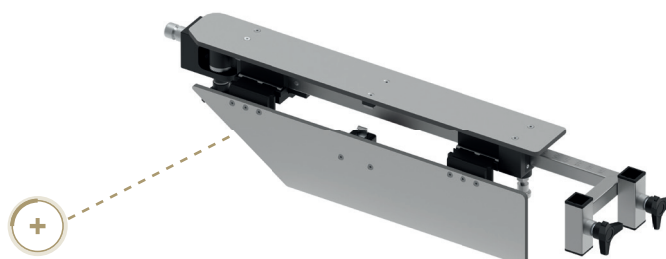
Leg plate, swivelling,
without support for traction fixture

Ideal for
• Hip arthroplasty



Leg plate with support for traction
fixture, removable

Ideal for
• Hip arthroscopy
• Fracture treatment
(both legs in traction device)

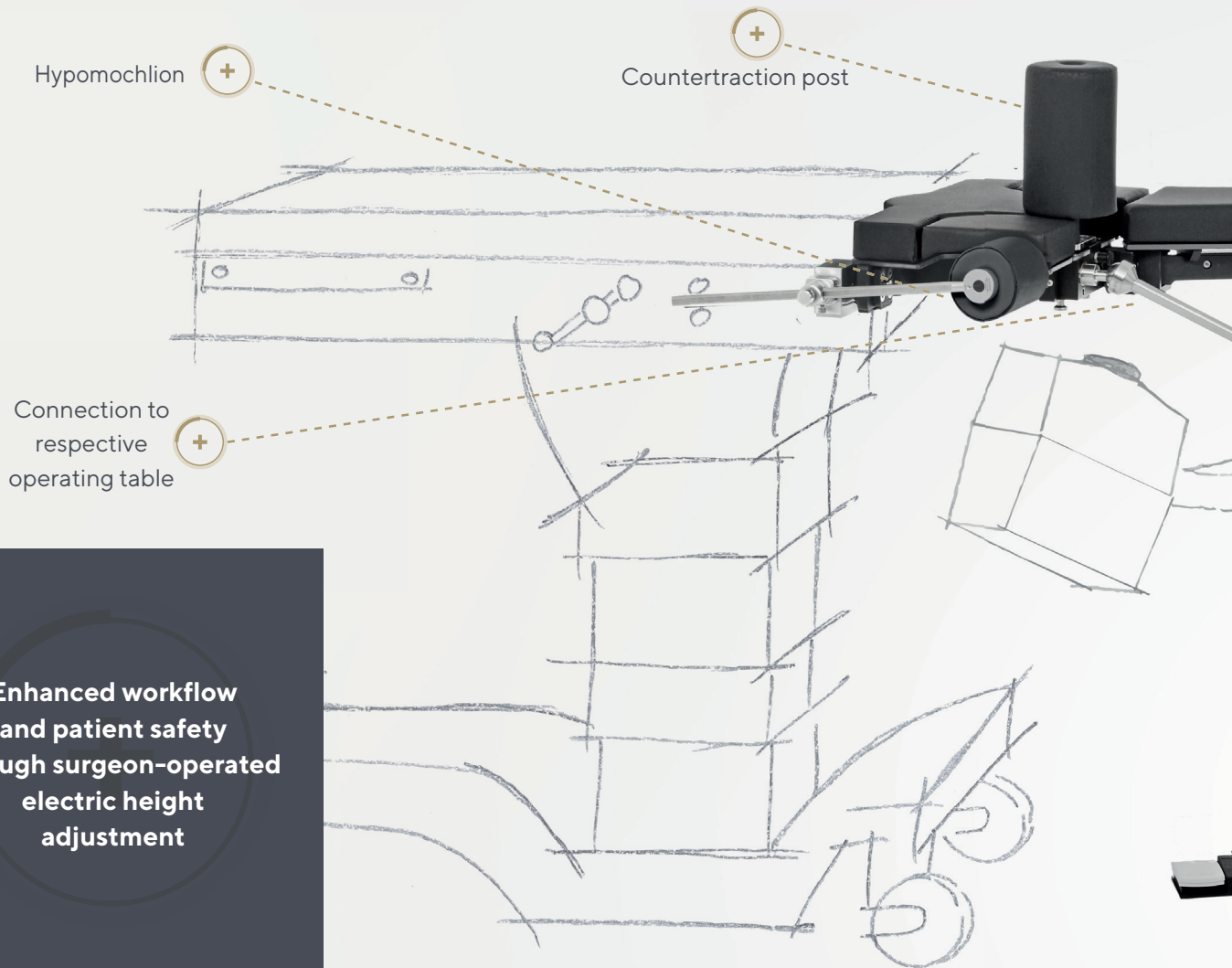


Leg plate with two support for
traction fixture, removable

Ideal for
• Hip arthroscopy
• Fracture treatment



Condor RotexTable®: The first electrically operated positioning aid for orthopaedists and trauma surgeons



Enhanced workflow
and patient safety
through surgeon-operated
electric height
adjustment

Effortless setup:
Ready for use
in under two
minutes

Flexible positions:
Rotations in
8° steps

Space-saving:
Minimal storage
space of only
90 cm²

Cost-efficient
thanks to saving
of up to 50%
material costs



Hip Endo-
prosthesis

Hip
Arthroscopy

Trauma
Surgery



Product and application videos are
available on our RotexTable® website



Manual switch
for electrical height
adjustment

Condor RotexShoe®
traction boot

Internal and external
rotation in 8° steps

Handwheel for setting
individual starting position
and traction / extension

Horizontal
beam

Foot switch for
electrical
height adjustment



Condor RotexTable®



Your benefits:

Independent rotation and flexion by the surgeon

Precise situs adjustment through electric lift control: operable by hand or foot switch

intra-operative X-ray monitoring without visual obstruction

Reliable surgical planning with only one assistant possible

Built-in safety mechanism prevents unintended lowering during extension

Reduces the initial investment

Enhances surgical training quality when used with the Condor GoldLine® for hip procedures

Combined use possible with
Condor® Extension System (ES)
Condor® RotexShoe
Condor GoldLine® Hip endoprosthetics

The combined use with the Condor® RotexShoe allows the surgeon to maintain sterile control over stability and mobility.



"The idea of optimizing operating theatre procedures, working more ergonomically and, above all, increasing patient safety, still drives me today. The Condor RotexTable® in combination with the GoldLine® system enables me to achieve exactly this standard. **The unique feature of the electric height adjustment of the positioning unit via foot pedal helps to work more quickly** and the positioning staff can devote themselves to other tasks. The rotation of the leg with fine adjustment mechanism, which can be set by the surgeon himself, as well as the tactile feedback of the tissue tension, make the operation even safer. In addition, an integrated safety mechanism prevents the leg from being lowered under pre-tension so that nerve-stretching damage can be avoided. The RotexShoe, whose design features lead to an optimized anatomical connection with the patient's foot while improving hygiene standards, is an important component of the concept."

Andreas Ottersbach, MD, Clinic Manager, Head Physician of the Clinic for Orthopaedics, Spitalzentrum Oberwallis, Brig (Switzerland)



Femur Lift

Intraoperative adjustment of the hypomochlion ensures improved visibility as well as simple, quick, and stable patient positioning.

Precise adjustment:

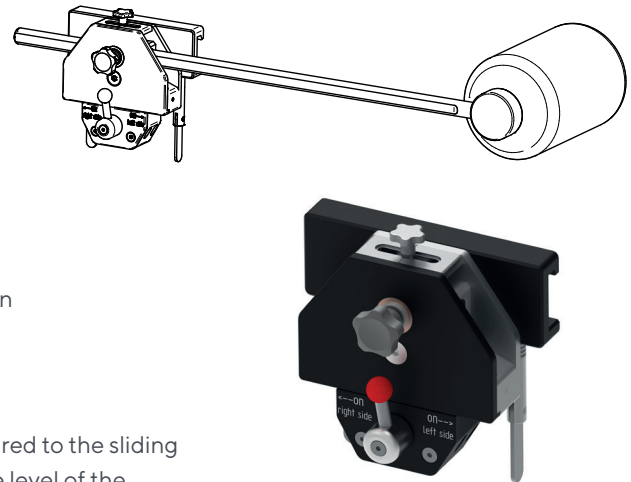
The femur is not immediately elevated during acetabular preparation but rather during shaft processing. This allows for better access to the acetabulum and subsequently results in an improved visualization of the femur during shaft preparation.

Functionality of the Femur Lift:

- **Attachment to the operating table:** The Femur Lift is secured to the sliding rail of the operating table, aligning the hypomochlion at the level of the countertraction post.
- **Positioning of the hypomochlion:** The hypomochlion is placed beneath the thigh without direct contact with the skin.
- **Easy elevation:** After acetabular implantation, the surgeon pulls the hypomochlion to the desired height. It is sterily covered and finely adjustable. The maximum height of the Femur Lift can be limited pre-operatively and is adaptable for each operation.

Safety and handling:

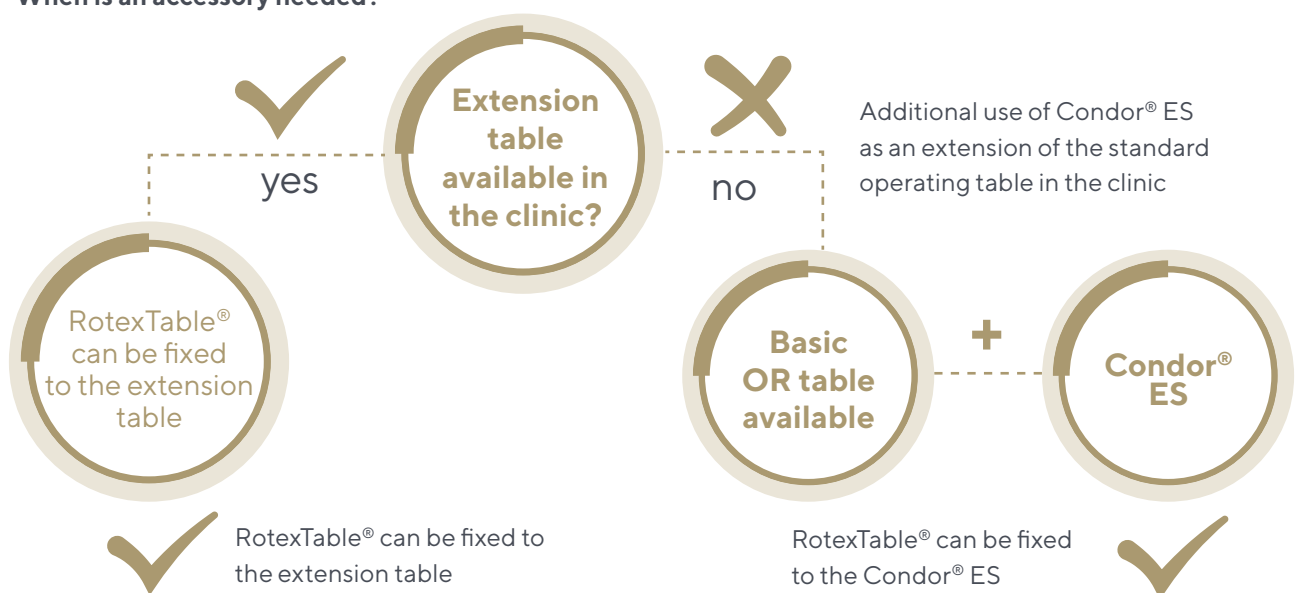
- **Prevention of accidental release:** The system prevents unintentional detachment of the locking mechanism.
- **Easy lowering:** Slight lifting of the hypomochlion and operation of the directional head allow a gentle lowering of the hypomochlion.



Requirements for the use of Condor RotexTable®:

A basic OR table does not meet the necessary requirements on its own.

When is an accessory needed?



RotexTable® can either be fixed to the existing extension table or requires the additional use of Condor® ES to be connected to a standard operating table.



Drape for the Condor RotexTable®: Simple and efficient assurance of sterility – without compromise



Highest quality and
tear resistance
ensure safe
processes, especially
during dynamic
patient positioning

Safe use of the
RotexTable®, as the
risk of drapes
slipping or
becoming trapped
is reduced

Flexibility in various
surgical situations,
as no additional
drapes are required
for different table
positions

Variable in size
by gradually
extending the
drape



Drape for the Condor RotexTable®

Hip Endo-
prothetics

Hip
Arthroscopy

Trauma
Surgery



Product and application videos are available on our accessories website

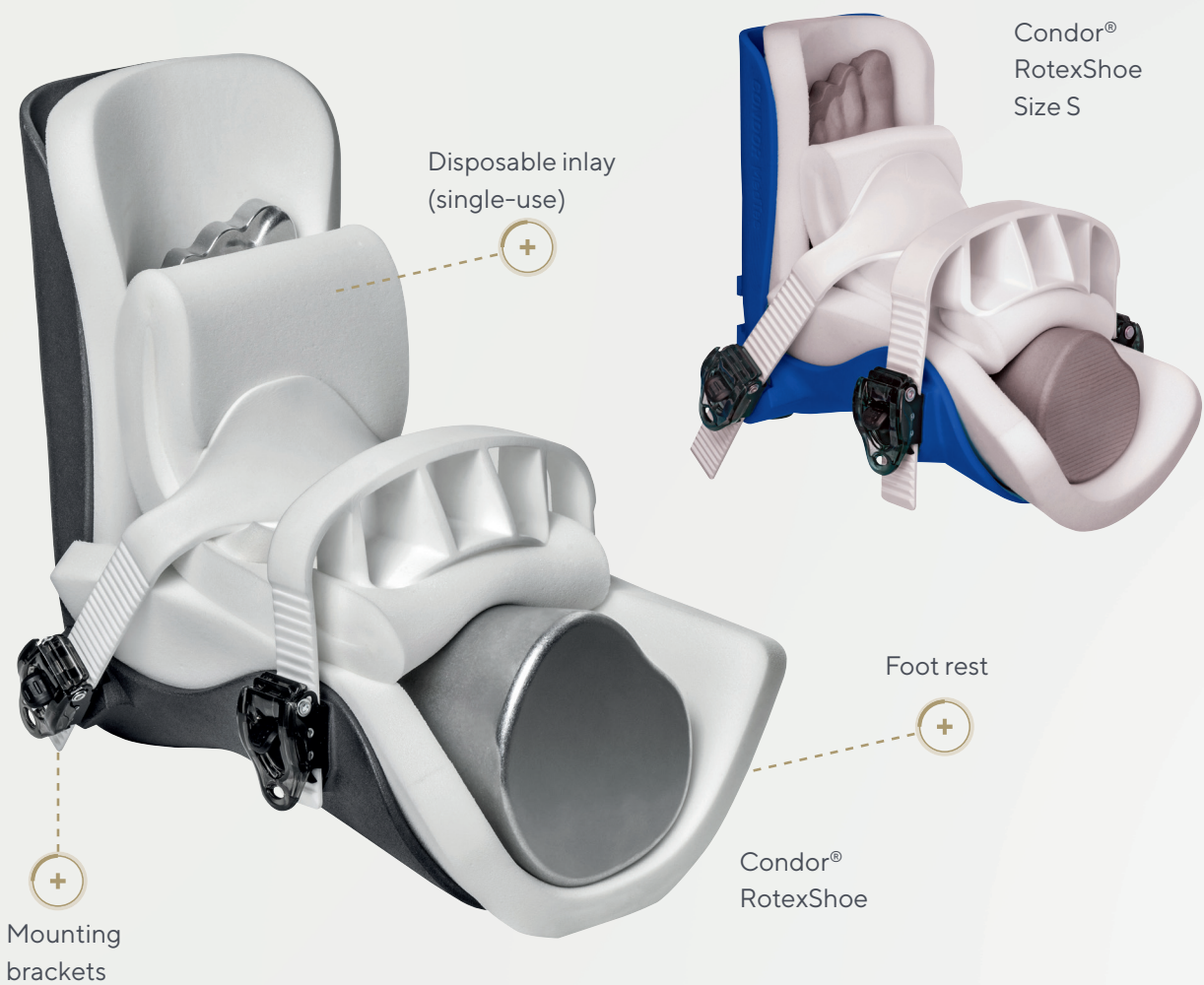


Single-component solution for complete sterile coverage – no need for additional drapes during the procedure

- **Sterile drape with high transparency:**
A clear view ensures precise handling and flawless control during surgery.
- **Integrated covering of the RotexTable®:**
No additional drapes or fixation required at the foot end.
- **Integrated anesthesia sheet:**
The cover is equipped with a specific area for the anesthesia sheet.
- **Suction bag:**
Attaching a suction bag facilitates the management of fluids and waste during the procedure.
- **Integrated hook-and-loop fastener**
for secure cable management.

Condor® RotexShoe: Standardized foot positioning for relevant surgical procedures – ensuring maximum hygiene and patient safety

RotexShoe



Reduced risk of infection thanks to hygienic safety throughout the entire surgical process
(including pre- and post-operative care)

Prevents post-operative complications like pressure sores or foot-related injuries due to slippage

Standardized, reproducible foot fixation helps lower costs

Saves personnel resources as fixation can be performed by a single person



Hip Endo-
prosthesis

Hip
Arthroscopy

Trauma
Surgery



Product and application videos are available on our RotexShoe website



"Perhaps the new standard in foot fixation for extension table positioning. The shoe is a single-piece construction made of plastic, making it relatively lightweight. The surface is smooth, making it of course easy to disinfect. It features various docking points compatible with various traction spindle systems. For patient positioning, all that's needed is a three-part soft foam kit – nothing more! [...]

What truly impressed me during the first application was the speed with which I was able to position and secure the foot by myself. Time is money! [...] In my opinion, this is **the future of foot positioning for extension table setups.**"

(Excerpt from: OP Journal 2021 37th Year, pages 126-130, special edition Positioning of the Foot in Extension Table Positioning)

Alexander Motzny Deputy Head of Nursing, Operating Room/Head AEMP, Surgical Department/AEMP, Tübingen Accident Clinic



A perfect fit: Durable traction boot and hygienic single-use inlay set including mounting brackets



Increased hygiene safety through the use of single-use padding: one dedicated set per patient



Time and cost advantage: No additional, complex padding required for positioning

Condor® RotexShoe



Your benefits:

Enhanced hygiene safety through the use of single-use pads

Secure positioning thanks to a stable, firmly fixable combination of foot rest, padding and mounting brackets

Stable fixation even under heavy load - withstands traction forces of up to 80 kg

No need for complex or extra padding

Fast positioning time of the traction boot

Reduction of shear forces through even pressure distribution when pressing down the mounting brackets

Even pressure distribution for skin protection

Lightweight, highly durable foot rest

Easy cleaning thanks to the smooth surface

Ideal for patients with latex allergies - 100% latex-free design

Compatible with all standard extension tables

Simple, intuitive handling

Combined use possible with
Conventional operating tables with standard rails
Condor RotexTable®
Condor ES®

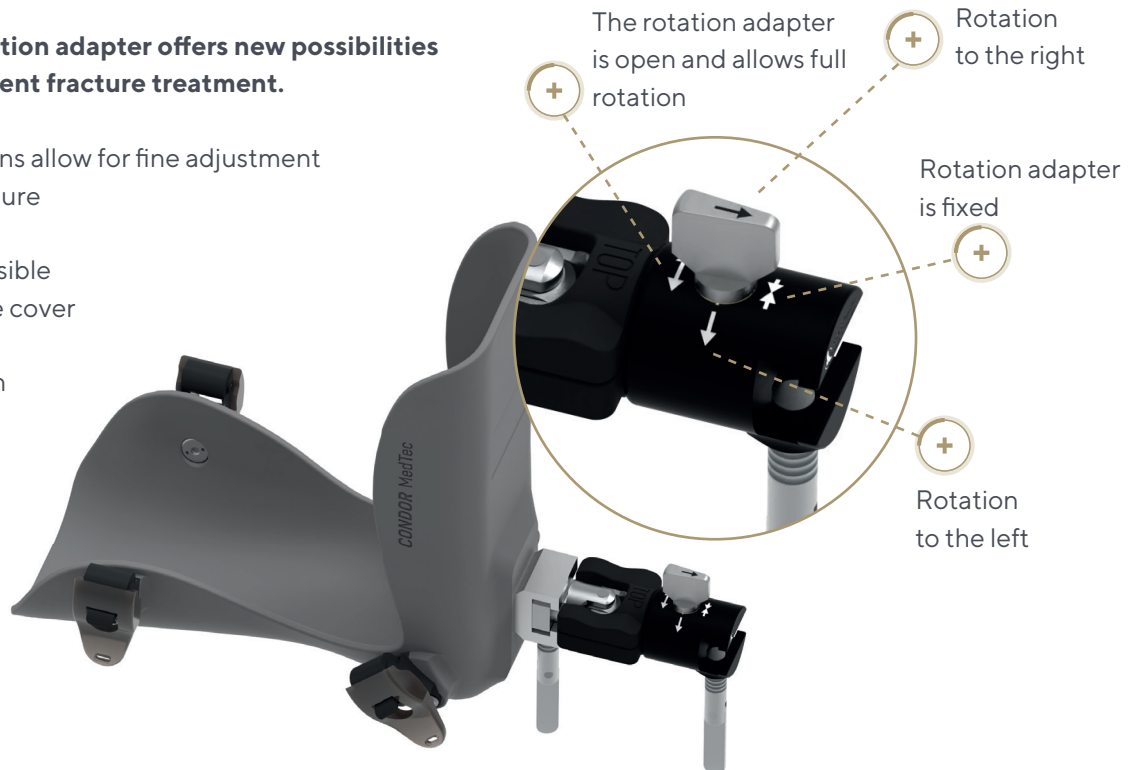


Rotation adapter: For highest stability during rotation

The optional rotation adapter offers new possibilities for safe and efficient fracture treatment.

Four setting options allow for fine adjustment during the procedure

- Operation possible through sterile cover
- Easy handling for the surgeon



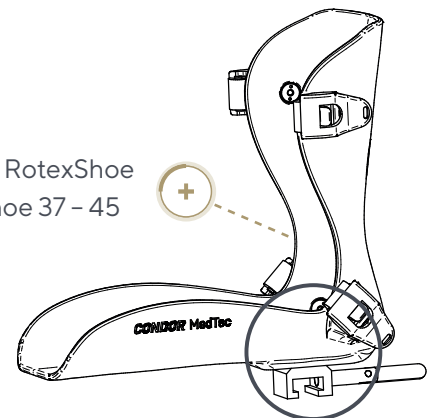
Slide rail connections for the RotexShoe:

Universally compatible: The RotexShoe fits all common OR tables with a standard side rail.

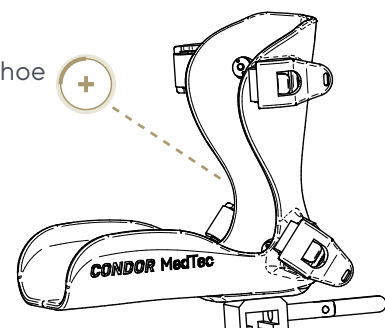
When used with the RotexTable®, the traction boot is also applied in minimally invasive hip arthroplasty procedures – for example, the Direct Anterior Approach (DAA). A dedicated interface is available for this technique.



Condor® RotexShoe
Size of shoe 37 – 45



Condor® RotexShoe
Size S
Size of shoe < 37





Condor® Knee Positioner TKR: Optimized intraoperative leg positioning during knee endoprosthesis

Full control:
Operated directly
by the surgeon to
ensure optimal
positioning and
adjustment

Highest precision
thanks to stepless
intraoperative leg
guidance in
rotation

Long-lasting due
to simple cleaning
and convenient
storage of each
module

Safe surgical
workflows ensured
by sterile setup
and assembly at
the operating
table

Optimized surgical
process through
3D ball joint:
Intraoperative leg
rotation with locking
functionality

Safety at all times:
lock-in leg positioning
allows the surgeon to
securely fix the leg in a
stable position

Hygienic safety
guaranteed
by a sterile
set-up, easy
cleaning, and
sterilization

Premium quality
ensures durability
and reusability

Ensures a safe
and stable
surgical field
during the
operation

Perfectly tailored
for compatibility
with various surgical
robots, enhancing
precision and
efficiency during
the operation

Crossbar



Main holder





This represents a marked improvement both for clinical workflows and for enhancing patient care."

*PD Dr. med. Marco Ezechieli
Specialist in Orthopedics and Trauma Surgery,
Knee and Hip Endoprosthetics,
Joint-Preserving Hip Surgery
ATOS Klinik Fleetinsel, Hamburg*



Condor GoldLine® Retractor Systems: Multifunctional solutions for highest requirements in surgery



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.



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.



User-friendliness:

Uncomplicated system set-up as well as intuitive, quick and simple operability.



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.



Retractor Systems

for orthopaedics, trauma Surgery and Spine Surgery

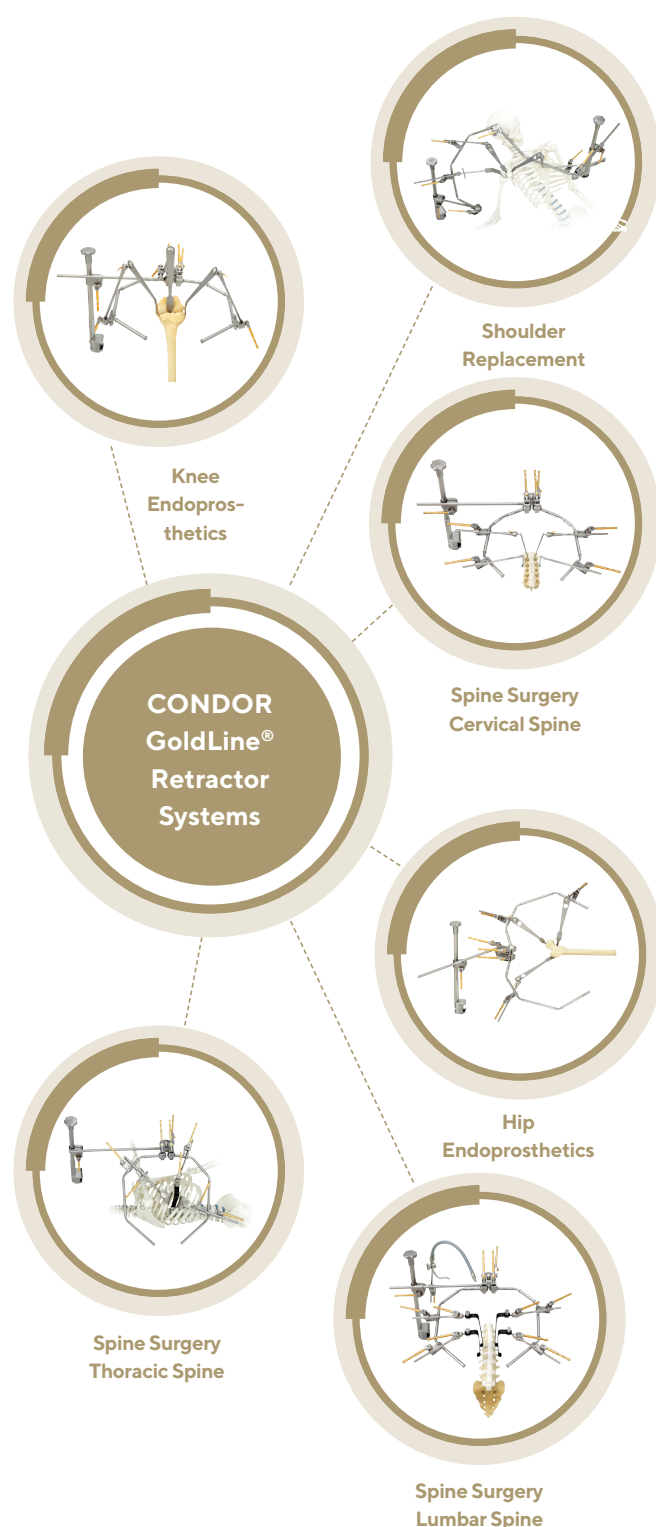
Orthopedics and trauma surgery require a high degree of preparation and flexibility with regard to the positioning of the patient. For this purpose, Condor GoldLine® offers systems tailored for hip, knee and shoulder procedures, which provide you with process reliability and with its multifunctional application options, prove to be much more flexible and efficient than conventional systems. At the same time, they keep the retractors securely in their desired position, even under heavy load.

"The **Hip in a Day-Konzept** is based on three pillars. First, the minimally invasive surgical method that preserves tendons, muscles, and nerves. Second, a shorter and therefore much better-tolerated anesthesia. And third, intensive pre- and postoperative patient care.

I perform this operation multiple times daily and use the Condor® MedTec retractor system for every single procedure. This allows me to conduct the surgery in a standardized way with only one assistant, to reduce the risk of infection by having fewer people in the operating room, and to improve the training quality for young colleagues – who don't just stand on the opposite side holding hooks but can follow and assist with the operation from the very beginning.

To successfully implement this approach in everyday clinical practice, I have up to four wound retractor systems available per day – systems I have been using for 10 years."

Dr. med. Manfred Krieger
Specialist in Orthopedics and Trauma Surgery





Hip Endoprosthetics



Product and application videos



Your benefits:

For all
surgical hip
approaches

Suitable for
any position
of the patient

Also suitable
for use with
navigation
systems

Easy and
efficient
system
installation

Thanks to ball
adapters, you can
continue to use
your existing
Hohmann retractors

Combined use
possible with
Condor RotexTable®
Condor® ES
Condor® RotexShoe
Condor® XP 360°





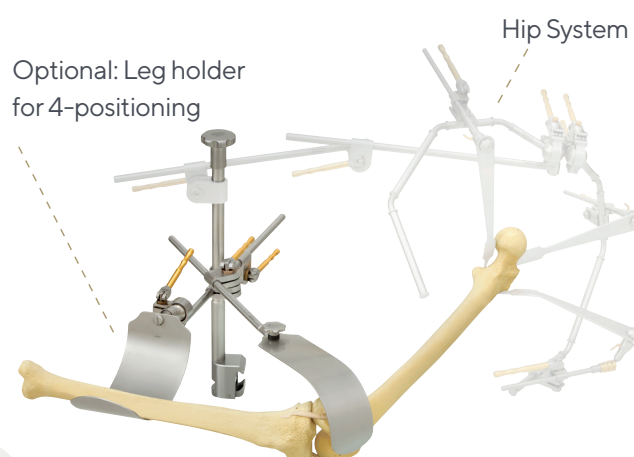
Hip endoprosthetics require a large amount of preparation before surgery. The efficient support provided by the simple, flexible and quick assembly of the Condor GoldLine® surgical retractor system is particularly suited for endoprosthetics of the hips. You can fix your existing Hohmann bone levers; they can be adjusted individually using our ball adapter, and will reliably remain in the preset position. This means that you can keep your hands free and apply yourself fully to the operation.

Another advantage is that the ball adapters comprise quick release fasteners that can be deliberately opened using a lever function – this saves time, simplifies the handling and ensures the best possible, flexible setting. At the same time, it prevents an accidental release of the ball adapters. Even the application of a navigation system does not limit the functions of Condor GoldLine®.

Condor GoldLine® can be used for replacement hip surgery independently of the patient's position – in supine or lateral position.

Optional: Leg holder for 4-positioning

The position of the leg is of great importance in ensuring that an endoprosthetic sits securely. The leg holder for the hip replacement system fulfils this demand and is therefore the ideal addition to the Condor GoldLine® hip endoprosthetics surgical retractor system. With our system, we can guarantee the exact positioning of the leg in the leg rest. The leg rest itself is in a mobile position, minimizing the risk of pressure points on the lower leg. A specially developed 'hold-down device' also keeps the leg in position, so that you can operate safely, without barriers.



Your benefits:

Precise positioning of the leg with ball bearing

Additional fixing with a "leg binder"

Pressure release through independently movable leg rest



Knee Endoprosthetics



Your benefits:

Thanks to ball adapters, you can continue to use your existing Hohmann retractors

Precise implantation of endoprosthesis thanks to a flexible open structure

Can be combined with the Condor® Knee Positioner TKR

Combined use possible with Condor GoldLine® Knee Positioner TKR



The Condor GoldLine® system for knee replacement stands out with convincing performance characteristics and features. During knee replacement, the leg is moved frequently. Therefore, the retractor system also needs to be adjusted for this situation. The easy and flexible handling of the Condor GoldLine® surgical retractor system assumes accountability for this factor. Using the 3D settings of the ball bearings and after a downwards open installation, the mobility of the leg is in no way limited. The quick and flexible adaptation of the

Hohmann retractor with ball adapters ensures unrestricted handling. A lever mechanism lets the bone levers be released and repositioned with one hand.

Fixing all bone levers with ball adapters will free up your hands, allowing you to focus exclusively on the course of the surgery – both as surgeon and when training your staff.



Shoulder Replacement

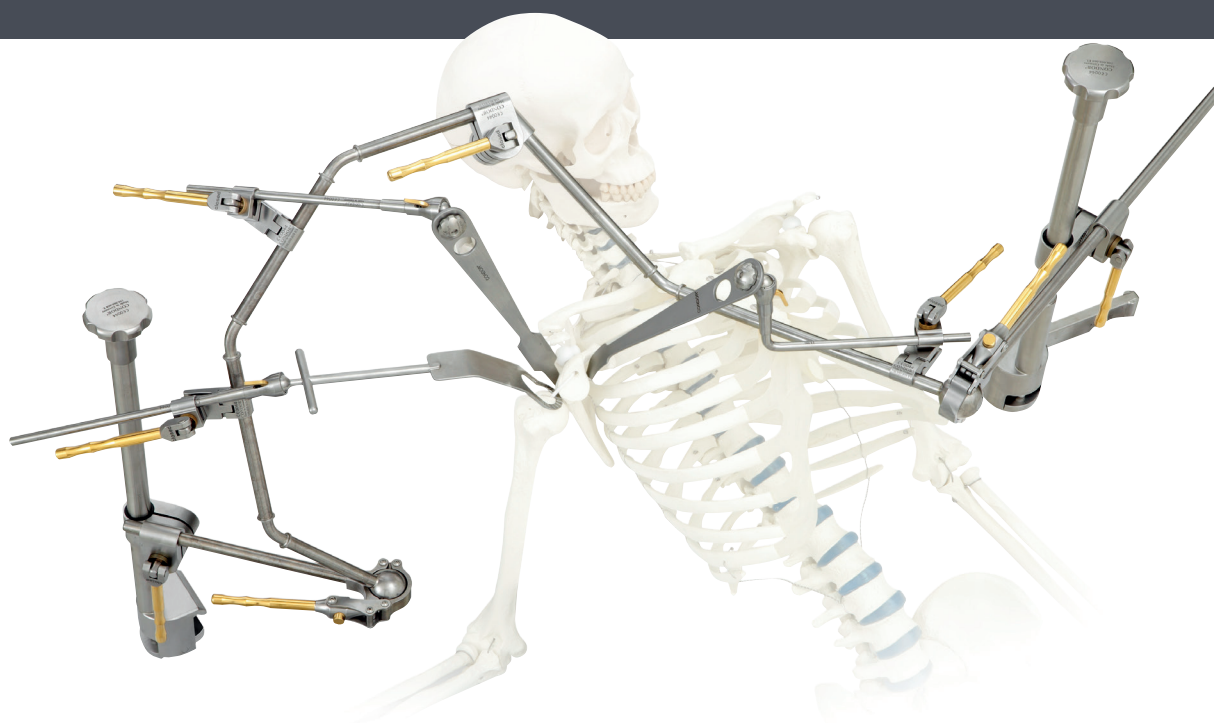


Your benefits:

Full freedom
of movement for
the arm, for
optimal work

Special extra
retractors for
shoulder surgery,
e.g. Fukuda
retractors

Maximum
stability regardless
of position



The Condor GoldLine® system for the shoulder replacement: an efficient solution for shoulder endoprosthetics, which offers high stability while also allowing the arm to move freely during the implantation of the prosthesis on the joint.

The system is designed to hold the retractors over long periods with plenty of strength. The result: you can operate without interruptions.



Cervical Spine



Product and application videos



Your benefits:

**Special
retractors
can be used**

**Stable setting
for time-saving
work**

**Combination
with Mini Hohmann
retractors possible**

**Individual
retractor
placement**



Condor GoldLine® surgical retractor system in a mini set for spinal surgery on the cervical spine is particularly user-friendly. Thanks to the 3D setting of the flexible retractors, the arms can individually be adjusted without barriers.

The secure fixing of the retractors in the clamps prevents the retractor position changing by accident, minimizing the risk of injury to the vessels or nerves. This saves a significant amount of time, as it does not need readjusting.



Thoracic Spine

We are setting a new benchmark with the Condor GoldLine® thoracic spine set for thoracic access in spinal surgery. Because it involves the successful combination of a traction device and a retractor system. The result: added flexibility, yet with a lower demand for space and reduced costs. The ball joints make work easier, as the arms can be positioned without too much effort. You can attach special retractors with patented blade holders with tip focus to them. A system designed to give you maximum flexibility in the OR.



Your benefits:

**More flexibility
when setting
up system**

**Fine adjustment
of the retractors
thanks to traction
device**

**Precise opening
of intercostal
space with the
help of traction
device**

**Reduced
demand for
space**

**Combined use
possible with
Condor®
XP 360°**

**Increased
patient safety
thanks to stable
situs adjustment**



Lumbar Spine



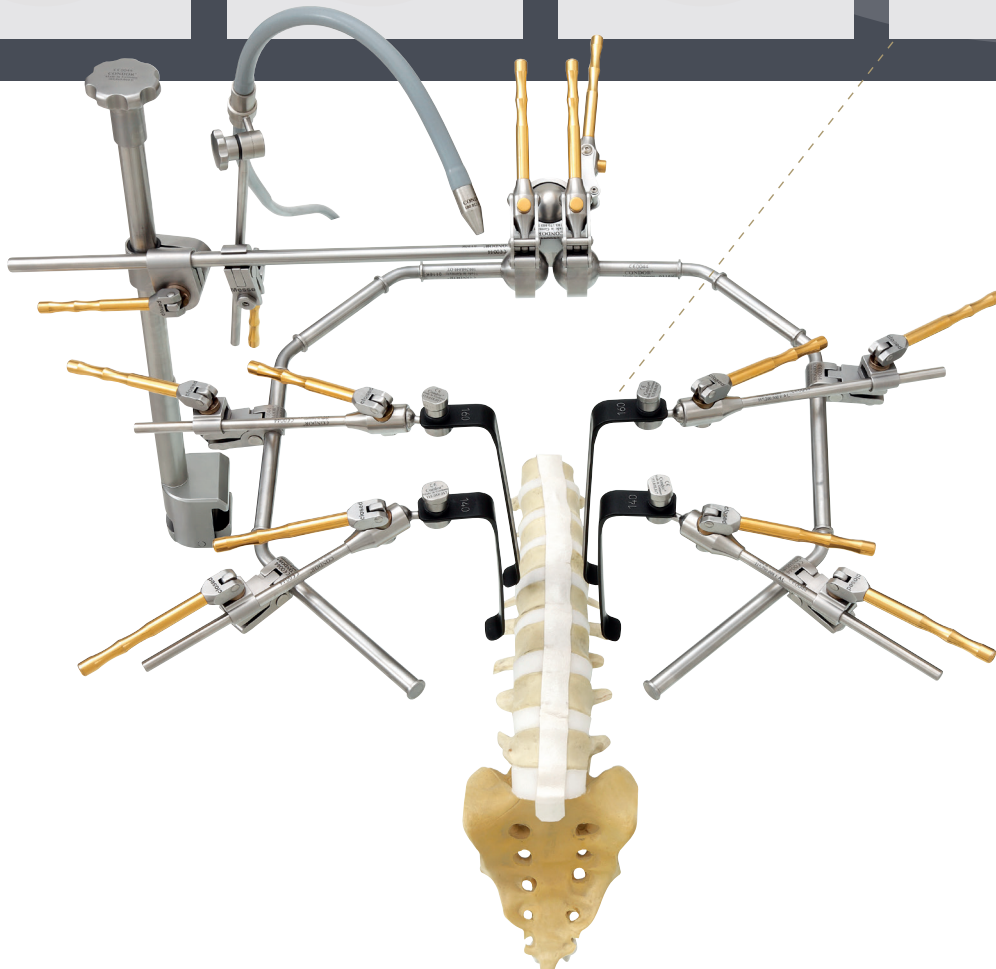
Your benefits:

**Functional
design**

**Optimal light
ratios due to
installation of
flexible cold light**

**Better situs
as a result of a
tip-accentuated
setting**

**X-ray
compatible
wound
retractors**



Maximum quality, easy handling and modular flexibility are among the unique selling points of the Condor GoldLine® surgical retractor system for spinal surgery on the lumbar spine. The retractors of this system are adapted to meet the demands of spinal surgery and availa-

ble in all conventional lengths; their shape is sleek and flat, yet uncompromisingly stable and translucent. We recommend using flexible cold light for optimal lighting in the operating theatre.





www.condor-medtec.de/en

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