

Aesculap Spine

Expertise in Spinal Instrumentation



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Aesculap Spine, part of the B. Braun Group, has been developing spinal systems since the 1980's starting with the Caspar cervical plating system. In close collaboration with clinical authors, implants and handling orientated instruments are designed. Aesculap combines its core competence in surgical instrument manufacturing with unique ideas and innovative engineering to create high quality spinal systems.

Expertise in Spinal Instrumentation is more than just a good product portfolio. Dedicated to patients and surgeons needs our products are designed for safe surgical procedures and best clinical results.

Aesculap Spine offers complete solutions for the spinal column. High quality instrumentation, innovative implants and purpose-orientated training.

activ O

Lumbar Retractor System

The first lumbar retractor system with radiolucent blades



Complete radiolucent blades



- X-ray transparent material TECAmox presenting an optimal visibility
- No artefacts and no shadows disturbing the clear view

One stop for maximum flexibility



- Modular construction as a (part-) ring system or via a table fixation
- Blades optional attachable with pins to the vertebral body avoiding dislocation to minimize the risk of vessel injuries
- Easy, fast and tight fixation of the adjustable arms by means of clamps

Multiple options

- For all anterior, antero-lateral and lateral approaches to the thoracolumbar spine
- Interesting combination with activ L, A-Space, Macs TL and Hydrolift
- Option to connect with optic system and light source

CCR-XX

Radiolucent Cervical Retractor System

For better fluoroscopic imaging



Complete radiolucent blades



- 19 mm PEEK blades for microsurgical techniques in toothed and blunt version
- Better fluoroscopic imaging of the vertebral bodies and the anatomical landmarks for easy and correct placement of implants

Thought-out design



- Side load mechanism allows easy and fast intra-operative handling
- Double hinge for optimal intra-operative adaption
- Ridges in the blades provide for a firm yet gentle grip with secure fit

Integrated compatibility

- 100 % compatible to previous ball snap closure
- 100 % compatible to the standard CCR stainless steel retractor
- Interesting combination with implant systems like CeSpace, ABC2, Caspar Plate and activ C

Spine Classics

Micro Lumbar Disectomy System

MIS – minimally invasive approach to the lumbar spine



Clearly arranged components



- Optimized basic set composed by experts with a long term experience in thousands of surgeries
- User-friendly retractor is ready for use in few steps

Intelligent development



- Rapid ball snap closure for easy and fast handling
- Non-slip-fenestrated retractor ensures an exact fit in muscles

Minimally invasive access

- Proven in hundreds of surgeries by using the mini-open technique
- Ideal for additional insertion of the full line of Aesculap interbody fusion implants

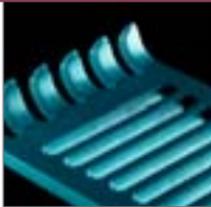
CLR

Caspar Lumbar Retractor System

Strength and versatility



Perfect fit



- Advantages of the CCR System have been transferred to the CLR system
- Adjust precisely to the anatomical situations of the lumbar spine

Gentle and safe grip



- Solid tissue retraction with toothed and fenestrated blades
- Side load mechanism ensures comfortable handling

Modular system

- Different blade sizes used for mono-, bi- and multisegmental access

KAIRison

Pneumatic Bone Punch

Technology that makes life easier!



Bone punch powered by compressed air



- Less strain in operations involving repeated punch actuation
- Preservation of fine, motor skills and sensitivity of the hand
- Makes the entire operation faster, safer and much more efficient

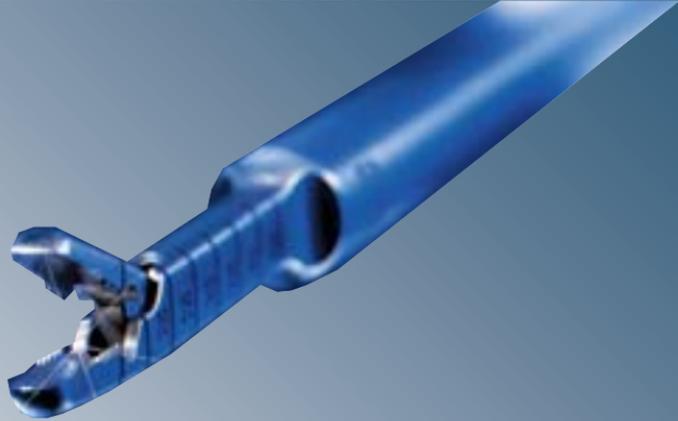
Easy to use



- Just pull the trigger!
- Simple snap mechanism for shaft change
- Easy connection to the existing compressed air supply

Miaspas TL

Spinal microsurgical endoscopy



Minimal patient trauma



- Designed to facilitate spinal microsurgical endoscopic procedures
- Microsurgical endoscopic technique promotes minimal patient trauma
- Suitable for both laparoscopic and thoracoscopic procedures

Thought-out instrument design



- Well balanced instrument design ensures easy handling
- Depth marks on instruments allow the surgeon full control of the working depth at any time
- Special design makes the instrumentation suitable for microsurgical tasks and at the same time strong enough to work on bone

Miaspas mini ALIF

Microsurgical anterior lumbar approach



Atraumatic procedure



- Compromises two different microsurgical approaches to the lumbar segments, the retroperitoneal approach to L2/3, L3/4 L4/5 and the transperitoneal approach to L5/S1
- Consists of a retractor system and special instruments for approach and fusion
- Blunt muscle dissection with preservation of abdominal muscles

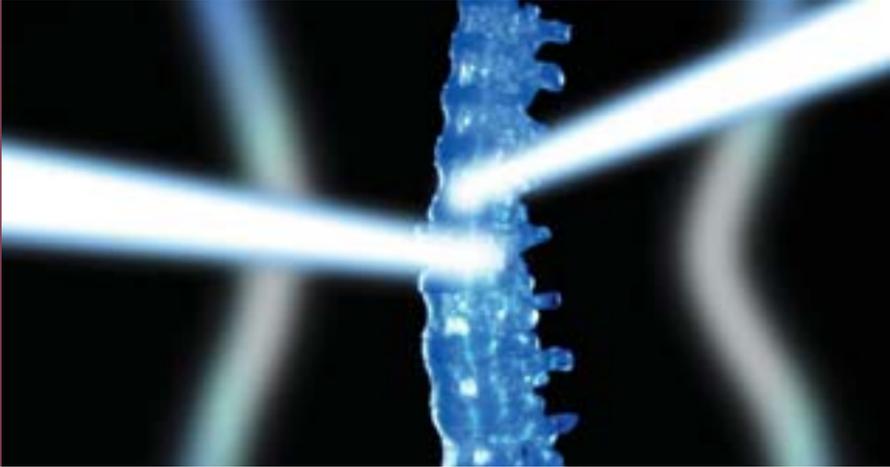
High flexibility



- Open exposure can be achieved rapidly in case of emergency
- Fusion of surgeon's choice
- Laparoscopic equipment unnecessary

Miaspas mini TTA

Microsurgical anterior trans-thoracic approach

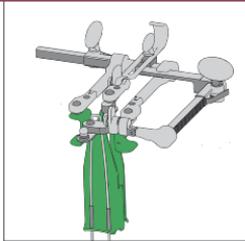


Thoracic extension



- Extension of the proven microsurgical mini ALIF technique to approach the thoracolumbar and thoracic spine region Th5 to L2
- Consists of a retractor system and special instruments for the approach

Fast patient mobilization



- Reduced perioperative morbidity
- Reduced ICU-Stay and hospitalisation
- Less complications and blood loss

microspeed® uni

Electric High and Low Speed Motor System

Get the speed you need



Small and powerful



- The smallest high speed electric motor in this performance class on the global market
- Optimum visibility of the operation site by slim line motor and handpiece design
- New patented motor technology offers constant power at a speed of 80.000 rpm

The perfect system for all applications in microsurgery



- High and low speed in one system for various applications such as drilling, sawing, milling etc.
- Acceleration and stopping characteristics can be individually adjusted to your needs

High quality for secure operation



- Application of top-grade material in all system components
- Unrestricted cleanability – safe mechanical reprocessing with alkaline cleaning detergent

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