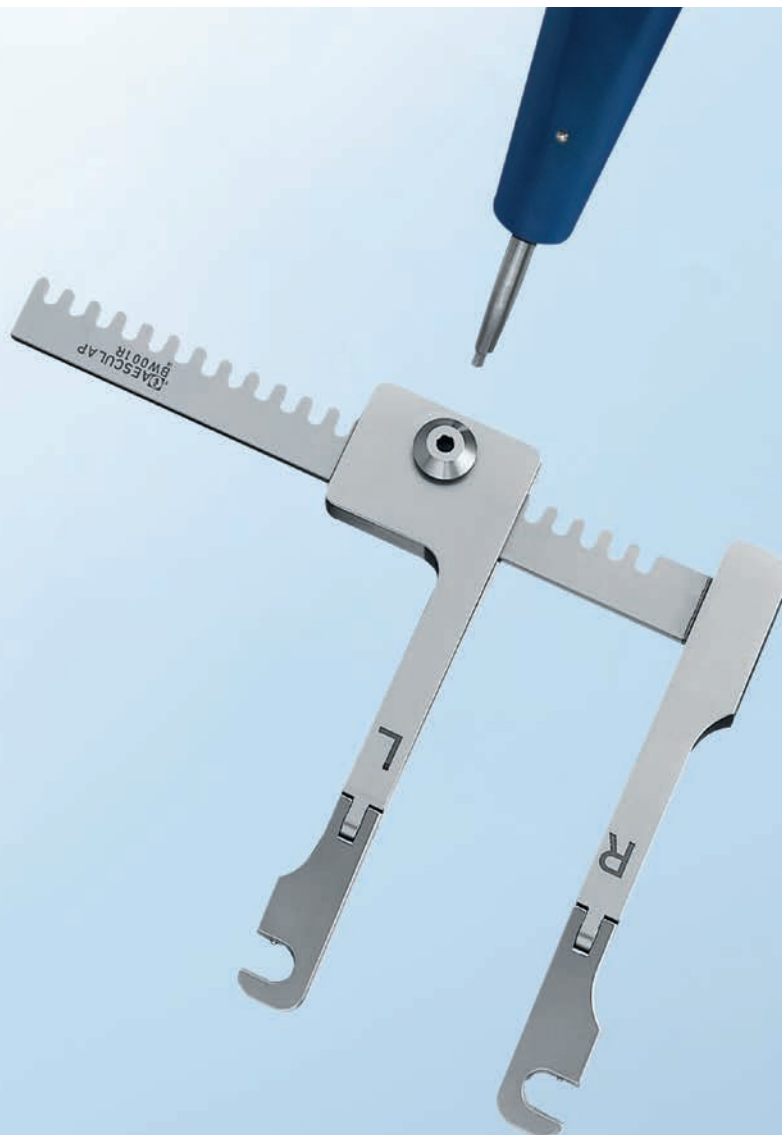


SPINE SURGERY

AESFULAP<sup>®</sup> CLR SYSTEM  
CASPAR<sup>®</sup> LUMBAR RETRACTOR SYSTEM

# AESCULAP® CLR SYSTEM

IMPROVED ACCESS THROUGH STRENGTH AND VERSATILITY



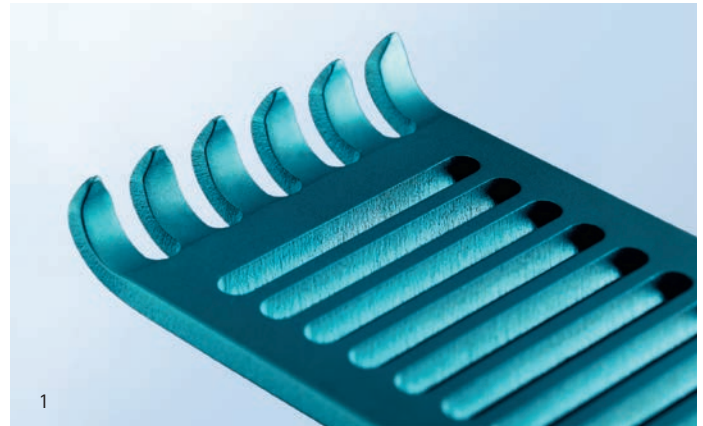
## FOCUS ON THE ESSENTIAL

Retractors have been valued partners to surgeons in countless operations for many years, ensuring stable access to the surgical site, providing good visibility, and allowing the surgeon the freedom to perform by focusing on the essential - the surgery.

## CASPAR® LUMBAR RETRACTOR

The CASPAR® Lumbar Retractor system is specifically designed for lumbar spine surgery. The retractors can be applied for medial and paraspinous approaches to perform spine surgery procedures such as discectomies and pedicle screw fixation. The CASPAR® Lumbar Retractor system will be a valued partner for any spine surgeon providing following benefits:

- A stable system for retracting muscles and other tissue during the entire operation.
- Once retracted, the system remains in place during the entire surgical procedure.
- The smart handling characteristics provide comfort for the surgeon.
- Titanium blades allow the retractor to be left in place during radiographic imaging, saving time without compromising the view of the spine.
- The fenestrated and toothed blade design enhances the stability in the surgical site.
- The side-loading mechanism enables a quick assembly of the retractors and blades.
- Multiple blade sizes allow the surgeon to enhance the surgical area while keeping the surgical site as small as possible.

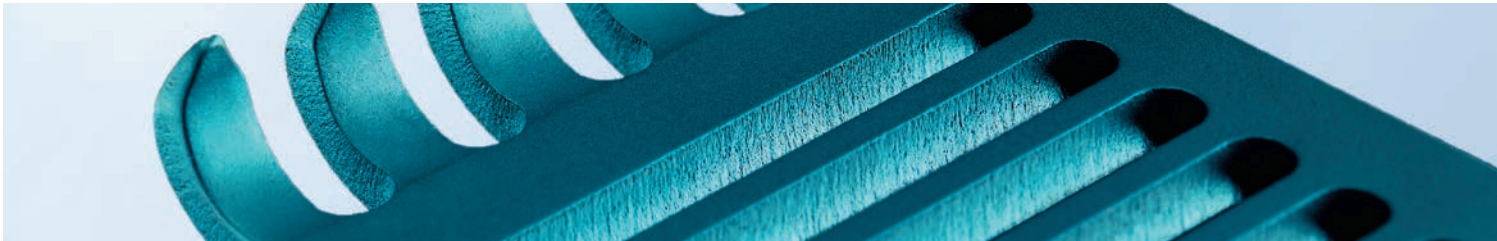


- 1 Tissue-preserving tooth shape
- 2 Top-loading "ball-snap" mechanism
- 3 Joints to improve retractor positioning
- 4 Strong and stable, yet radiolucent



# AESCULAP® CLR SYSTEM

## COMPONENTS



### BLADES



Art. No.	Size	Art. No.	Size	Art. No.	Size
BW020T	20 x 35 mm	BW030T	40 x 35 mm	BW040T	60 x 35 mm
BW021T	20 x 40 mm	BW031T	40 x 40 mm	BW041T	60 x 40 mm
BW022T	20 x 45 mm	BW032T	40 x 45 mm	BW042T	60 x 45 mm
BW023T	20 x 55 mm	BW033T	40 x 55 mm	BW043T	60 x 55 mm
BW024T	20 x 65 mm	BW034T	40 x 65 mm	BW044T	60 x 65 mm
		BW035T	40 x 75 mm	BW045T	60 x 75 mm
				BW046T	60 x 85 mm

### HOOKS



Art. No.	Description	Art. No.	Description
BW028T	Hemi-laminectomy hook, small	BW038T	Hemi-laminectomy hook, large

ACCESSORIES



Art. No.	Description	Art. No.	Description
BW010R	Handle for blade positioning <b>Note:</b> Two handles are required for each system.	BW001R	CLR retractor Length of rack – 160 mm



Art. No.	Description	Art. No.	Description
BW011P	Depth instrument	TE749R	Hex key

# AESCULAP® CLR SYSTEM

## SET CONFIGURATION BW120



### BLADES

Art. No.	Width x Length
BW020T	20 mm x 35 mm
BW021T	20 mm x 40 mm
BW022T	20 mm x 45 mm
BW023T	20 mm x 55 mm
BW024T	20 mm x 65 mm
BW030T	40 mm x 35 mm
BW031T	40 mm x 40 mm
BW032T	40 mm x 45 mm
BW033T	40 mm x 55 mm
BW034T	40 mm x 65 mm
BW035T	40 mm x 75 mm
BW040T	60 mm x 35 mm
BW041T	60 mm x 40 mm
BW042T	60 mm x 45 mm
BW043T	60 mm x 55 mm
BW044T	60 mm x 65 mm
BW045T	60 mm x 75 mm
BW046T	60 mm x 85 mm

### INSTRUMENTS

Art. No.	Description
BW001R	CLR retractor
TE749R	Hex key
BW010R	Handle for blade positioning
BW011P	Depth gauge instrument
BW028T	Hemi-laminectomy hook, small
BW038T	Hemi-laminectomy hook, large
BW121P	CLR Tray
BW120	CLR set, complete





## TAILORED FIT

Varying anatomical situations and approaches require a versatile system that can be adapted according to the patient anatomy and surgeons need. That's why the CASPAR® Lumbar Retractor System is designed to fit well, regardless of the position in the lumbar spine.

### MODULAR, INTERCHANGEABLE SYSTEM

- Can be used with a choice of many different blade widths and lengths

### JOINTS

- Adaption of the retractor frame according to the patient anatomy
- Good fixation in the desired position

### SIDE-LOADING QUICK-LOCK MECHANISM

- Simple and quick connection
- Compatible with traditional top-loading ball-snap mechanism
- Comfortable handle for blade insertion

### EASY POSITIONING OF THE BLADES

- No need for additional hand-held retractors
- Seamless retraction mechanism

### CHOICE OF BLADE WIDTH

- 60 mm for multisegmental access
- 40 mm for bisegmental access
- 20 mm for monosegmental access

### TISSUE-PRESERVATION

- Gentle and good grip thanks to teeth at the end of the blades
- Solid tissue retraction with fenestrated design

### X-RAY TRANSPARENCY

- Titanium fenestrated blades provide a good view of spinal instrumentation during radiographic imaging

### LIGHT-WEIGHT

- Titanium blades contribute to a lighter overall weight of the retractor system

# AESCULAP<sup>®</sup> – a B. Braun brand

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany  
Phone +49 7461 95-0 | Fax +49 7461 95-2600 | [www.aesculap.com](http://www.aesculap.com)

The main product trademark "AESCULAP" and the product trademark "CASPAR" are registered trademarks of Aesculap AG.

Subject to technical changes. All rights reserved. This brochure may only be used for the exclusive purpose of obtaining information about our products. Reproduction in any form partial or otherwise is not permitted.