CleverCurve –
Sliding sheath instruments for thoracic surgery
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Sliding Sheath Instruments for Thoracic Surgery

In recent years, thoracic surgery has evolved from being a primarily open surgical procedure towards a minimally invasive approach. With the video-assisted technique, instruments have replaced palpation with the surgeon’s hands in open surgery.

KARL STORZ detected this trend at an early stage and has now expanded the current portfolio to include the new CLEVERCURVE product line. The instrument design is based on the sliding sheath technology which features a passive, stationary element as well as an active, movable element. The resulting direct force transmission from the handle to the jaw achieves good tactile feedback.

Altogether, the line has seven instruments with various jaw types, some featuring a hemostat-style ratchet.
The CLEVERCURVE sliding sheath instruments have a particular feature: The wavy design of the stationary sheath.

The open, permeable design allows efficient reprocessing of the entire sheath without the need for time-consuming disassembly.

This special design also reduces friction between both sheaths and thus lays the foundation for precise and smooth work.
CleverCurve: Special Features at a Glance

Direct force transmission from the handle to the jaw

Slender sheath: 5 x 7 mm

Uncomplicated handling – disassembly not necessary
**Lung Grasping Forceps**

- **40410 LF** Lung Grasping Forceps, sliding sheath, atraumatic, single action jaws, curved jaws, arched and fenestrated, with hemostat-style ratchet, length 28 cm

- **40410 LL** Lung Grasping Forceps, sliding sheath, atraumatic, single action jaws, spoon-shaped jaws, length 28 cm

- **40410 LR** Lung Grasping Forceps, sliding sheath, atraumatic, single action jaws, curved and arched jaws with oval fenestration, with hemostat-style ratchet, length 28 cm

**Scissors**

- **40410 LC** Scissors, sliding sheath, single action jaws, scissor blades distally angled 15°, length 24.5 cm
Dissecting Forceps

40410 LH  **Dissecting Forceps**, sliding sheath, atraumatic, single action jaws, jaws distally angled 90°, length 28 cm

40410 LS  **Dissecting Forceps**, sliding sheath, atraumatic, single action jaws, double curved jaws, length 28 cm

40410 LG  **Dissecting Forceps**, sliding sheath, atraumatic, single action jaws, curved jaws, length 28 cm

It is recommended to check the suitability of the product for the intended procedure prior to use.