Delacroix-Chevalier

Video Assisted Heart Valve Surgery

Pr. Jean-François Obadia Instruments Kit
Heart Valve Minimally Invasive Surgery Instruments Kit
Developed jointly with Pr. Jean-François Obadia, this kit is specially designed for heart valve Minimally Invasive Surgery (MIS) and includes Video Assisted Thoracic Surgery Instruments used through a minithoracotomy.

The order in which the instruments are displayed follows Pr Obadia's chronological use.

**Endoscope Ø 10 mm 30° Angle, HD**
- Superior optic quality, allowing optimized visualization of any cavity,
- Provided with adapter compatible with ACMI/WOLF/STORZ/OLYMPUS.

**MIS Suction Tube - 330 mm**
- Special model of suction tube with a length adapted to MIS procedures.

**MIS Bulldog Clamp Handler - 360 mm, MIS Bulldog Clamp - 80 mm**
- Unique device authorizing a safe and simple MIS clamping of vena cava.
- To use with MIS Bulldog Clamp - DC81210-80.

**MIS DeBakey Intercostal Aortic Clamp 2x3 Teeth - 320 mm**
- Its unique shape allows comfortable insertion through 5th inter-costal space, with the efficiency of an endoscopic clamp.
- Proximal part of the clamp pushes left lung and participates to the exposure quality.
- A reusable solution!

**TC Curved Metzenbaum Fino Scissors - 280 mm**
- Dissection scissors with a length appropriate for MIS procedures.
- Tungsten inserts for high quality cut and maximum longevity.
Even better flexibility thanks to its articulated blade!

- Perfect exposure of mitral valve
- CO2 capability insufflation.
- 3 sizes for a better adaptation,
  - 45 mm x 50 mm
  - 35 mm x 50 mm
  - 35 mm x 40 mm

Unparalleled flexibility thanks to its unique 3D articulation and its articulated blade.

No risk of unscrewing during operation.

Available with non-articulated blade.
Ask for reference: DC8101-00

**MIS Atraumatic Resano Forceps - 360 mm**

The Magic Forceps helps during the procedure from sensible to strong grasping.

- Strong grasping atraumatic jaws design.

**MIS Curved Scissors - 360 mm**

- Performing the complete dissection.
- Robust manufacturing.
- Durable and regular sharpness.
- Not designed for suture cutting.

**MIS Very Curved Scissors - 360 mm**

- Same benefits as MIS Curved Scissors.
- Suited for difficult access' areas.
- Not designed for suture cutting.

**MIS TC Curved Needle Holder - 360 mm**

- Tungsten inserts for strong and stable grasping.
- From 2/0 to 5/0 suture.
- 5 mm diameter for space saving inside the mini-thoracotomy.

Available in Diamonit™. Ask for article code: DC80000-36

DC8110-00

DC80101-36

DC80102-36

DC80002-36
**MIS Scalpel Blade Holder - 330 mm**

- Specially designed for MIS procedure.
- Ergonomic plastic handle for better handling.
- Easy to set up.
- To use with following blades:

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**Suture Ring - Ø 220 mm**

- Perfect assistant to organize cardiac sutures.
- Very low profile for operative field free access.
- Easy fixation on drapes thanks to its two eyelets.

**MIS Suture Catcher - 280 mm**

- An exclusive distal tip enabling suture catching through thoracic wall.
- Use for sutures which allow the pericardium exposure.

**MIS Magnetic Retriever - 280 mm**

- Could be very useful!
- An extremely low profile distal tip (Ø : 8,5 mm - L : 8,7 mm).
- A magnetic power adapted to its use.

**MIS Knot Pusher - 280 mm**

- Perfect suture guide and retention.
- Push until the very last and critical millimeter.
- A reusable solution.

Available in 350 mm. Ask for article code: DC81300-35

**MIS Hook for Nerves and Vessel - 300 mm**

- Delicate and smooth surface.
- Precisely laser graduated on request.
- Sabot shape to atraumatically lift and test the Chordae Tendinae.
**Advantages of the Mitral plasty by Minimally Invasive Approach:**

- Low trauma inter-costal approach and small skin incision (less than 6 cm).
- Canulation entirely driven by the surgeon.
- Reusable transthoracic Aortic Clamping.
- Possibility to reinduct cardioplegia on request.
- Exposure and Mitral visualization optimized.
- Procedure’s gesture respect classical rules.

Please refer to complete technical description of the surgical procedure by Pr. Obadia for any further information.
These sterilization trays have been specially designed to make easier cleaning and sterilization cycle of Pr Obadia’s Instruments.

Sterilization Trays for Pr. Obadia’s Instrumentation Kit - 540x250x70 MM

- Ensures the safety of your instruments during transport, cleaning and sterilization.
- Recommended to preserve the high level performances of Pr Obadia’s instrumentation kit.
- Provided with lid and accessories.

For the complete sterilization set, ask for article codes DC81900-01 and DC81900-02.

Also available: appropriate container. Ask for article code O506020.

Interested in Minimally Invasive Surgery? Ask your distributor for a free trial!