

Adult Curved Sternal Retractors



Genesee
BIOMEDICAL, INC.

Shaped by Surgeons.
Built for Better Outcomes.



Adult Curved Sternal Retractor

Optimized Curvature. Uncompromised Access.

The Adult Curved Sternal Retractor is a multipurpose system designed for valve repair, valve replacement, and on- or off-pump coronary artery procedures. Its unique rack design opens with a gently curved radius, optimizing exposure while minimizing trauma to the chest and ribcage.

The anatomic curvature distributes opening pressure evenly across the sternum, and pivoting blades help equalize pressure points. This retractor is suitable for adult patients from 45–90 kg and accommodates multiple surgical anatomies with its changeable blades and interchangeable rake options.

Key Features:

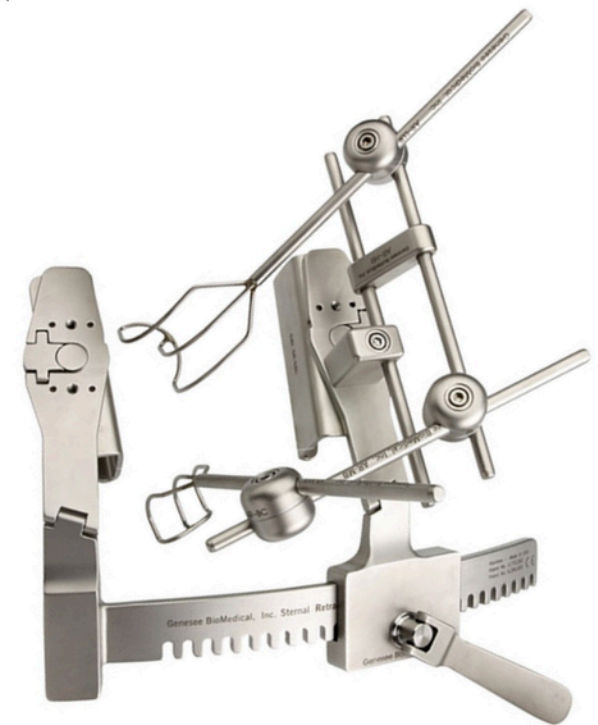
- ✓ Gently curved rack supports natural thoracic anatomy
- ✓ Curved profile helps balance pressure along the sternum
- ✓ Pivoting blades equalize pressure for stable retraction
- ✓ Changeable blades accommodate patient-specific needs
- ✓ Interchangeable rakes enhance exposure and usability
- ✓ Unique clamps and mounting rods enable fast setup
- ✓ Optional deep or minimally invasive blades available
- ✓ Reusable stainless steel construction

Designed For:

- ✓ Valve repair and replacement procedures
- ✓ On- or off-pump coronary artery bypass procedures
- ✓ Adult patients between 45–90 kg
- ✓ Surgeons who prefer a contour-matching retractor design

Clinical Considerations

- ✓ Provides reliable exposure across standard sternotomy procedures
- ✓ Can be used as a platform for off-pump coronary approaches
- ✓ Compatible with Genesee's standard curved retractor accessories



SRCL-AR — Adult Sternal Valve Retractor with Aortic and Atrial Rakes

Includes the following:

Qty	Catalog #	Description
1	SR-CR	Adult Retractor with Curved Rack with Fixed and Moving Arms
1	SR-CH	Cog Handle
2	SR-SBL	Standard Adult Blade
2	SR-DBL	Deep Adult Blade
1	AR-SLR	Small Left Atrial Rake
2	AR-MLR	Medium Left Atrial Rake
2	AR-LLR	Large Left Atrial Rake
1	AR-LAR	Long Atrial Rake
1	AR-LRR	Large Right Atrial Rake
1	AR-PC	Adult Pillar Clamp
4	AR-BC	Adult Ball Clamp
2	AR-HW	Large Hex Wrench
1	AR-HR	"H" Mounting Rod
2	AR-MB	Mounting Bar

Adult Curved Sternal Retractors – Ordering Information

SRCL-1 — Adult Sternal Retractor

Includes the following:

Qty	Catalog #	Description
1	SR-CR	Adult Retractor with Curved Rack with Fixed and Moving Arms (241 mm rack, 191 mm arms)
1	SR-CH	Cog Handle
2	SR-SBL	Standard Adult Blade (89 mm wide × 25 mm deep)
2	SR-DBL	Deep Adult Blade (89 mm wide × 38 mm deep)

SRCL-ARC — Adult Sternal Valve Retractor with Curved Aortic and Atrial Rakes

Includes the following:

Qty	Catalog #	Description
1	SR-CR	Adult Retractor with Curved Rack with Fixed and Moving Arms (Rack: 241 mm long, Arm: 191 mm long)
1	SR-CH	Cog Handle
2	SR-SBL	Standard Adult Blade (89 mm wide × 25 mm deep)
2	SR-DBL	Deep Adult Blade (89 mm wide × 38 mm deep)
1	AR-SLRC	Small Curved Left Atrial Rake (19 mm wide × 36 mm long × 25 mm deep)
2	AR-MLRC	Medium Curved Left Atrial Rake (32 mm wide × 36 mm long × 28 mm deep)
2	AR-LLRC	Large Curved Left Atrial Rake (38 mm wide × 61 mm long × 45 mm deep)
1	AR-LARC	Long Curved Atrial Rake (19 mm wide × 62 mm long × 51 mm deep)
1	AR-LRRC	Large Curved Right Atrial Rake (45 mm wide × 41 mm long × 18 mm deep)
4	AR-CC or AR-CCT	Adult Ball Clamp Curved or Curved Toggle
1	AR-PC or AR-PCT	Adult Pillar Clamp or Pillar Clamp Toggle
2	AR-HW	Large Hex Wrench
1	AR-HR	"H" Mounting Rod
2	AR-MB	Mounting Bar

* All retractor components must be resterilized before each use. Refer to the Instructions for Use (IFU) for full warnings, precautions, and reprocessing instructions.
CAUTION: Federal law (USA) restricts this device to sale by, or on the order of, a physician.





Curved Sternal Adult Retractor – BMI 35 System

Confident Access for Patients Over 35 BMI.

The BMI 35 Adult Retractor is a multipurpose, large retractor system designed for valve repair, valve replacement, and both on- and off-pump coronary artery procedures. Its unique elongated curved rack follows the anatomic shape of the chest, offering enhanced access and comfort for patients with elevated BMI.

This system includes extra-deep blades that provide a gentle radius during sternal opening — supporting exposure while helping to minimize tissue trauma. All components are constructed from reusable surgical-grade stainless steel and integrate with Genesee's full line of curved retractor accessories.

Designed For:

- ✓ Valve repair and replacement procedures
- ✓ On- or off-pump coronary artery bypass surgeries
- ✓ Sternotomy in patients with BMI ≥ 35
- ✓ Surgeons needing deeper anatomical reach and chest wall conformance

Clinical Considerations

- ✓ Suitable for high-BMI anatomies requiring deeper retraction
- ✓ Supports visibility and access in both routine and complex cases
- ✓ Enables efficient exposure without additional incisions or repositioning

Key Features:

- ✓ Elongated curved rack matches the natural chest shape
- ✓ Extra-deep blades designed for efficient, gentle sternal opening
- ✓ Stainless steel construction for durability and sterilization
- ✓ Reusable system compatible with standard curved retractor handle (SR-CH)
- ✓ Integrates with Genesee's existing curved retractor accessories



BMI 35 Adult Retractor System

Order using the catalog numbers below. Compatible with Genesee's curved retractor accessories.

SRLP-1: BMI 35 Adult Large Patient Curved Sternal Retractor

Qty	Catalog #	Description
1	SR-CRL	Large Curved Rack with Moving and Fixed Arms (313 mm rack, 191 mm arms)
1	SR-CH	Adult Cog Handle
2	SR-DBL	Deep Adult Blade (89 mm wide × 38 mm deep)
2	SR-XDBL	Extra Deep Adult Blade (89 mm wide × 51 mm deep)

SRLP-AR: BMI 35 Large Patient Adult Retractor with Atrial and Aortic Accessories

Qty	Catalog #	Description
1	SR-CRL	Large Curved Rack with Moving and Fixed Arms (313 mm rack, 191 mm arms)
1	SR-CH	Adult Cog Handle
2	SR-DBL	Deep Adult Blade (89 mm wide × 38 mm deep)
2	SR-XDBL	Extra Deep Adult Blade (89 mm wide × 51 mm deep)
1	AR-SLR	Small Curved Left Atrial Rake
2	AR-MLR	Medium Curved Left Rake
2	AR-LLR	Large Left Curved Atrial Rake
1	AR-LAR	Long Curved Atrial Rake
1	AR-LRR	Large Right Curved Atrial Rake
1	AR-PC	Adult Pillar Clamp
4	AR-BC	Adult Ball Clamp
2	AR-HW	Large Hex Wrench

* All retractor components must be resterilized before each use. Refer to the Instructions for Use (IFU) for full warnings, precautions, and reprocessing instructions.
CAUTION: Federal law (USA) restricts this device to sale by, or on the order of, a physician.





Curved Rakes & Adult Retractor Accessories

Precision Components for Customized Exposure

Adult Curved Atrial Rakes

Standard Handle (160 mm)

Catalog #	Product Description	Dimensions (W x L x D)
AR-SLRC	Small Curved Left Atrial Rake	19 mm x 36 mm x 25 mm
AR-MLRC	Medium Curved Left Atrial Rake	32 mm x 36 mm x 28 mm
AR-LLRC	Large Curved Left Atrial Rake	38 mm x 61 mm x 45 mm
AR-LRRC	Large Curved Right Atrial Rake	45 mm x 41 mm x 18 mm
AR-LARC	Long Curved Atrial Rake	19 mm x 62 mm x 51 mm

Adult Curved Atrial Rakes

Long Handle (210 mm)

Catalog #	Product Description	Dimensions (W x L x D)
AR-SLRLC	Small Left Atrial Rake (Long Handle)	19 mm x 36 mm x 25 mm
AR-MLRLC	Medium Left Atrial Rake (Long Handle)	32 mm x 36 mm x 28 mm
AR-LLRLC	Large Left Atrial Rake (Long Handle)	38 mm x 61 mm x 45 mm
AR-LRRLC	Large Right Atrial Rake (Long Handle)	45 mm x 41 mm x 18 mm
AR-LARLC	Long Atrial Rake (Long Handle)	19 mm x 62 mm x 51 mm

Accessories for Adult Retractors:

Catalog #	Accessory Description
AR-CC	Adult Ball Clamp for Curved & Straight Rakes
AR-CCT	Adult Toggle Ball Clamp for Curved & Straight Rakes
AR-PC	Adult Pillar Clamp
AR-PCT	Adult Toggle Pillar Clamp
AR-HW	Large Hex Wrench
AR-HR	H-Style Mounting Bar
AR-MB	Straight Mounting Bar
AR-BCT	Adult Toggle Ball Clamp
MISBL	Minimally Invasive Adult Standard Blade
MIDBL	Minimally Invasive Adult Deep Blade
SOP	Suture Organizer (reusable)



Adult Curved Sternal Rack (SRCL-AR) | Genesee BioMedical Cardiac Retractor
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ADULT CURVED STERNAL
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"Innovation begins with listening. Every great product we build starts with a surgeon's challenge."
— Matt Dambeck, CEO Genesee BioMedical, Inc

