



Genesee

BIOMEDICAL, INC.

Design beyond standard.



Focused on the Future of Cardiac Surgery

Product Catalog
2019 V2

<p>For Customer Service, call: Phone: 303-777-3000 Toll free: 800-786-4890 Fax: 303-777-8866</p>	<p>Genesee BioMedical, Inc. 700 W Mississippi Ave, Unit D-5 Denver, CO 80223</p>
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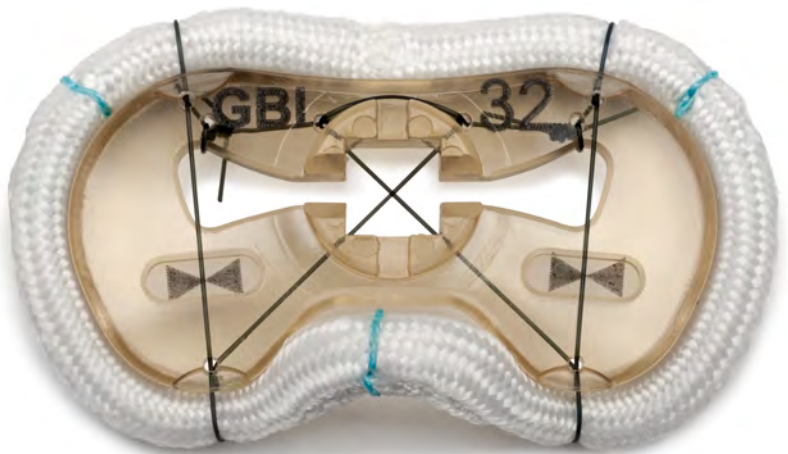
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Caution: Federal law (USA) restricts the sale, distribution, or use of these devices to by or on the order of a physician.

NeoForm™ Annuloplasty Rings

Geometrically designed to restore leaflet coaptation and reduce mitral regurgitation (MR) caused by the enlargement of the left ventricle.



Design for Updated Valve Repair

NeoForm Annuloplasty Rings Ordering Information

Catalog #	Product Description
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NeoForm Annuloplasty Rings

Annuloplasty Ring with Holder

Rings are available in sizes 26, 28, 30, 32

Order using the model number followed by the size;

Example 4200-32

Annuloplasty Accessories

(Must be sterilized before each use)

FRBS	Flexible Silicone Sizers, set of 9 (Sizes 24-40)
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GRH	Handle
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GRH-XL	Handle, extra-long (36 cm)
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GSS-26/28	Stainless Steel Sizer, double-ended 26/28
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GSS-30/32	Stainless Steel Sizer, double-ended 30/32
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GSS-34/36	Stainless Steel Sizer, double-ended 34/36
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GSS-38/40	Stainless Steel Sizer, double-ended 38/40
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GSS-4	Stainless Steel Sizer, double-ended set of 2
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NeoForm Annuloplasty Ring
on Holder



NeoForm Annuloplasty Ring

FlexForm™ Annuloplasty Rings and Bands



Updated Technology

- Rings are constructed without a circumferential seam, providing a nearly 360° area for suture placement.
- Bands have seamless construction, providing maximum area for suture placement.

Design Advantage

- Unique braided material provides easy needle penetration and reduces risk of bunching or crimping.
- Five markers are provided as landmarks for suture placement.

Flexible Approaches

- Flexible silicone sizers provided for use in small incisions, port access or open approaches.
- Full range of ring and band sizes, from 24 to 40.

FlexForm Annuloplasty Ordering Information

Catalog #	Product Description
	FlexForm Annuloplasty Rings and Bands
FRH-##	FlexForm™ Annuloplasty Ring with Holder Rings are available in sizes from 24 to 40 Order using the model number followed by the size; Example FRH-32
FBH-##	FlexForm™ Annuloplasty Band with Holder Bands are available in sizes from 24 to 40 Order using the model number followed by the size; Example FBH-32
	Annuloplasty Accessories (Must be sterilized before each use)
FRBS	Flexible Silicone Sizers, set of 9 (Sizes 24-40)
GRH	Handle
GRH-XL	Handle, extra-long (36 cm)
GSS-26/28	Stainless Steel Sizer, double-ended 26/28
GSS-30/32	Stainless Steel Sizer, double-ended 30/32
GSS-34/36	Stainless Steel Sizer, double-ended 34/36
GSS-38/40	Stainless Steel Sizer, double-ended 38/40
GSS-4	Stainless Steel Sizer, double-ended set of 4

Annuloplasty Accessories

Ultimate Compatibility

- Standardized system - Sizers and handles can be used with the FlexForm Ring and Band and the NeoForm Ring.
- Accessories must be resterilized before each use.



Reusable Handle

Catalog #	Product Description
FRBS	Flexible Silicone Sizers, set of 9 (Sizes 24-40)
GRH	Handle
GRH-XL	Handle, extra-long (36 cm)
GSS-26/28	Stainless Steel Sizer, double-ended 26/28
GSS-30/32	Stainless Steel Sizer, double-ended 30/32
GSS-34/36	Stainless Steel Sizer, double-ended 34/36
GSS-38/40	Stainless Steel Sizer, double-ended 38/40
GSS-4	Stainless Steel Sizer, double-ended set of 4



Stainless Steel Sizer



Silicone Sizer

Adult Curved Sternal Valve Retractors



Multipurpose retractor for valve repair, valve replacement and on or off-pump coronary artery procedures

Adult Sternal Retractor with Atrial and Aortic Rakes



Innovative Design

- Unique rack design opens with a gently curved radius, optimizing exposure with minimal trauma to the chest and ribcage
- Anatomic curved shape distributes opening pressure equally on the sternum
- Pivoting blades equalize pressure points across the sternum
- Suitable for adult patients from 45-90 kg

Versatile System

- Unique ball clamps, H bar mounting rods and pillar clamps provide fast set up
- Interchangeable rakes provide excellent exposure and ease of use
- Changeable blades allow adjustment for individual patient anatomy

Minimally Invasive Approaches

- Curved rack with hinged arms hug patient's body unobtrusively
- Deep or standard minimally invasive blades optional
- Optimal platform for off-pump procedures

Adult Curved Retractor Ordering Information

Catalog Number Product Description

SRCL-1 Adult Sternal Retractor

Includes the following:

1 ea SR-CR Adult Retractor with Curved Rack with Fixed and Moving Arms (Rack is 241mm long, Arm is 191mm)

1 ea SR-CH Cog Handle

2 ea SR-SBL Standard Adult Blade (89mm wide by 25mm deep)

2 ea SR-DBL Deep Adult Blade (89mm wide by 38mm deep)

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

Includes the following:

1 ea SR-CR Adult Retractor with Curved Rack with Fixed and Moving Arms

1 ea SR-CH Cog Handle

2 ea SR-SBL Standard Adult Blade

2 ea SR-DBL Deep Adult Blade

1 ea AR-SLR Small Left Atrial Rake

2 ea AR-MLR Medium Left Rake

2 ea AR-LLR Large Left Atrial Rake

1 ea AR-LAR Long Atrial Rake

1 ea AR-LRR Large Right Atrial Rake

1 ea AR-PC Adult Pillar Clamp

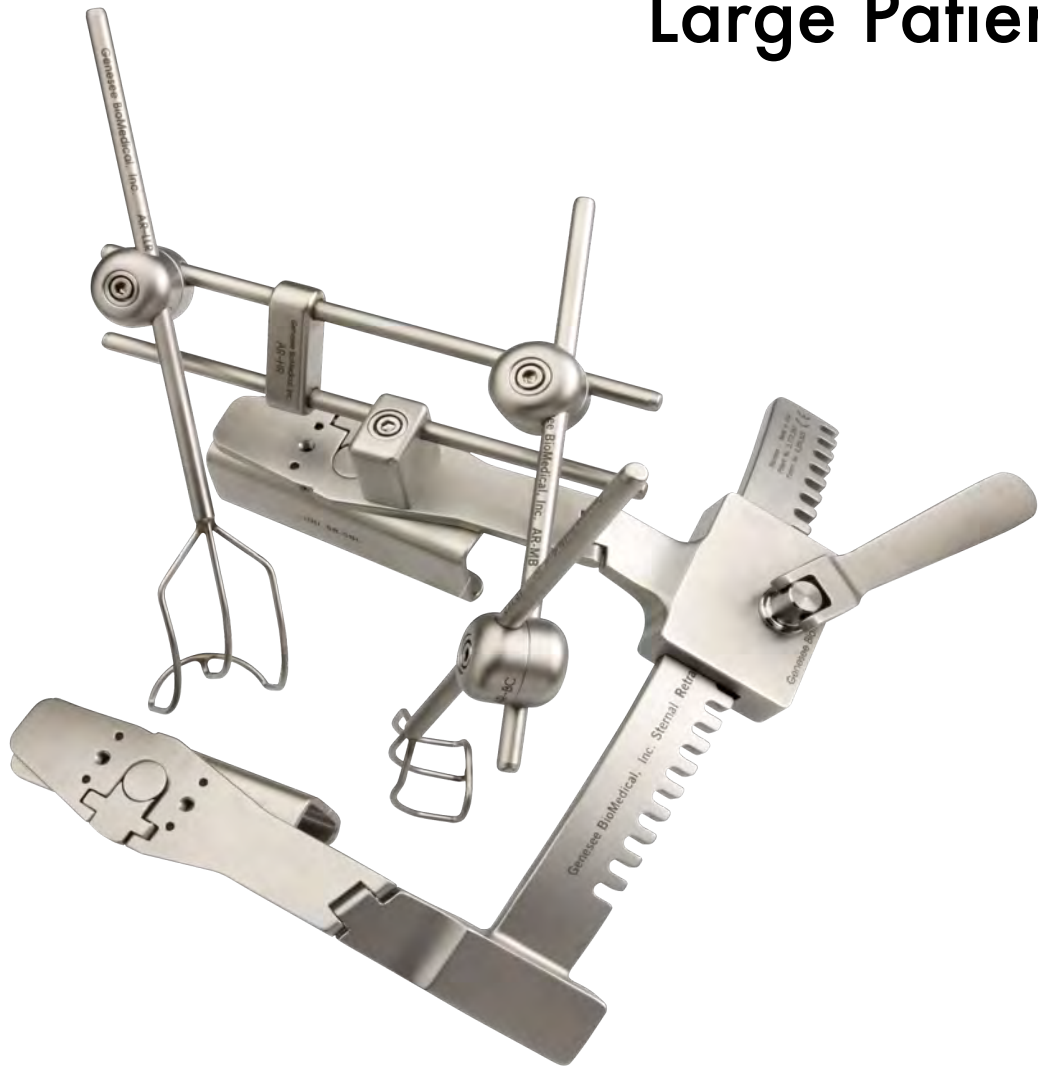
4 ea AR-BC Adult Ball Clamp

2 ea AR-HW Large Hex Wrench

1 ea AR-HR "H" Mounting Rod

2 ea AR-MB Mounting Bar

Curved Sternal Retractor for Large Patients



For Patients Greater Than BMI 35

- Multipurpose large retractor for valve repair, valve replacement and on or off-pump coronary artery procedures
- Unique elongated curved rack follows the anatomic shape of the chest
- Extra-deep blades open the sternum with a gentle radius designed to minimize trauma

Large Patient Retractor Ordering Information

Catalog #	Product Description
SRLP-1	<p>BMI 35 Adult Large Patient Curved Sternal Retractor</p> <p>Includes the following:</p> <ul style="list-style-type: none">1 ea SR-CRL Large Curved Rack with Moving and Fixed Arms (Rack is 313 mm long, Arm is 191mm)1 ea SR-CH Adult Cog Handle2 each SR-DBL Deep Adult Blade (89mm wide by 38mm deep)2 each SR-XDBL Extra Deep Adult Blade (89mm wide by 51mm deep)
SRLP-AR	<p>BMI 35 Large Patient Adult Retractor with Atrial and Aortic Accessories</p> <p>Includes the following:</p> <ul style="list-style-type: none">1 ea SR-CRL Large Curved Rack with Moving and Fixed Arms1 ea SR-CH Adult Cog Handle2 ea SR-DBL Deep Adult Blade2 ea SR-XDBL Extra Deep Adult Blade1 ea AR-SLR Small Curved Left Atrial Rake2 ea AR-MLR Medium Curved Left Rake2 ea AR-LLR Large Left Curved Atrial Rake1 ea AR-LAR Long Curved Atrial Rake1 ea AR-LRR Large Right Curved Atrial Rake1 ea AR-PC Adult Pillar Clamp4 ea AR-BC Adult Ball Clamp2 ea AR-HW Large Hex Wrench

Accessories are available separately.

AVATR Adult Thoracic Retractor



Dual Design for Multiple Approaches

- Left thoracotomy and redo CABG
- Midline sternotomy in small adults
- Atrial and aortic rakes are available for improved exposure
- Interchangeable atrial and aortic accessories available

AVATR Thoracic Retractor Ordering Information

Catalog #	Product Description
ATR-1	<p>AVATR Thoracic Retractor Rack and Blades Includes the following:</p> <ul style="list-style-type: none"> 1 ea ATR-1 Adult Rack with Fixed and Moving Arms (Rack is 178mm long, Arm is 140mm) 1 ea CSR-CH Cog Handle 2 ea SR-SBL Standard Adult Blade (89mm wide by 25mm deep) 2 ea SR-DBL Deep Adult Blade (89mm wide by 38mm deep)
ATR-AR	<p>AVATR Aortic Valve and Thoracic Retractor with Atrial and Aortic Accessories Includes the following:</p> <ul style="list-style-type: none"> 1 ea ATR-1 Adult Rack with Fixed and Moving Arms 1 ea CSR-CH Cog Handle 2 ea SR-SBL Standard Adult Blade 2 ea SR-DBL Deep Adult Blade 1 ea AR-SLR Small Left Atrial Rake 2 ea AR-MLR Medium Left Rake 2 ea AR-LLR Large Left Atrial Rake 1 ea AR-LAR Long Atrial Rake 1 ea AR-LRR Large Right Atrial Rake 1 ea AR-PC Adult Pillar Clamp 4 ea AR-BC Adult Ball Clamps 2 ea AR-HW Large Hex Wrench 1 ea AR-HR "H" Mounting Rod 2 ea AR-MB Mounting Bar

Accessories are available separately.

Accessories for Adult Retractors

Catalog #	Product Description
AR-BCT	Adult Toggle Ball Clamp
AR-PCT	Adult Toggle Pillar Clamp
AR-CCT	Adult Toggle Ball Clamp for Curved Rakes
MISBL	Minimally Invasive Adult Standard Blade
MIDBL	Minimally Invasive Adult Deep Blade
SOP	Suture Organizer (reusable)
ST-ST	Adult Sterilization Tray



Adult Toggle
Ball Clamp



Adult Toggle
Pillar Clamp



Suture Organizer

Accessories are available separately.
Accessories must be sterilized before use.

Curved Atrial Rakes for Improved Exposure



Curved Rake, Ball Clamp and
H Style Mounting Bar

- Curved Atrial Rakes in Multiple Configurations
- Pillar and Ball Clamps
- Mounting Bars and Accessories

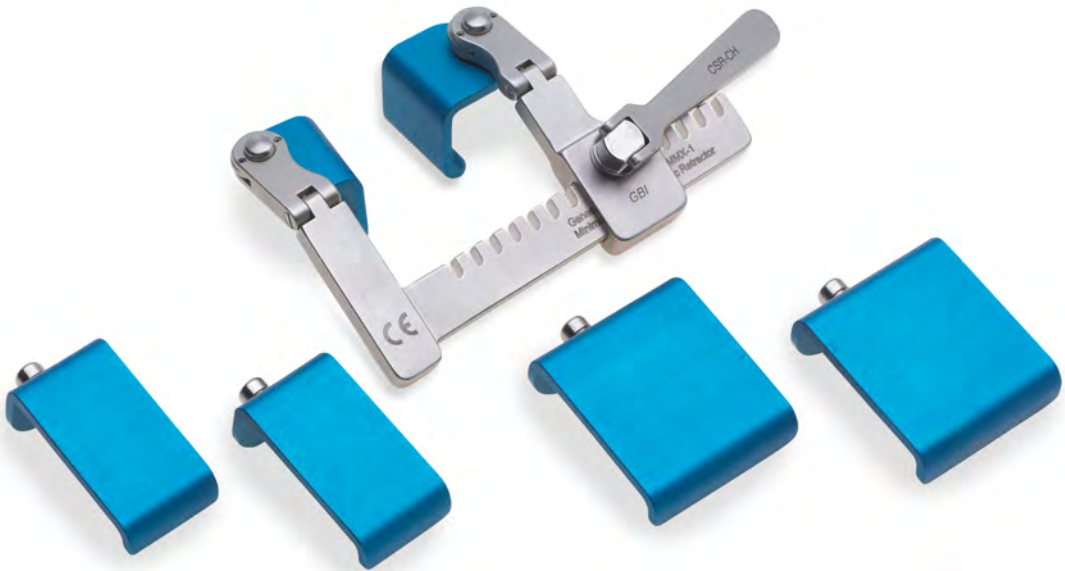
MiniMax Minimally Invasive Thoracic Retractor



Multi-purpose Retractor for Minimally Invasive Thoracic Approaches

- Applicable for TAVR and left-thoracotomy approaches
- Radiopaque and radiolucent interchangeable blades available in three sizes

Multipurpose Retractor for Minimally Invasive Approaches



Streamlined Design

- Hinged arms equalize pressure points across the incision
- Changeable blades allow adjustments for patient body shape

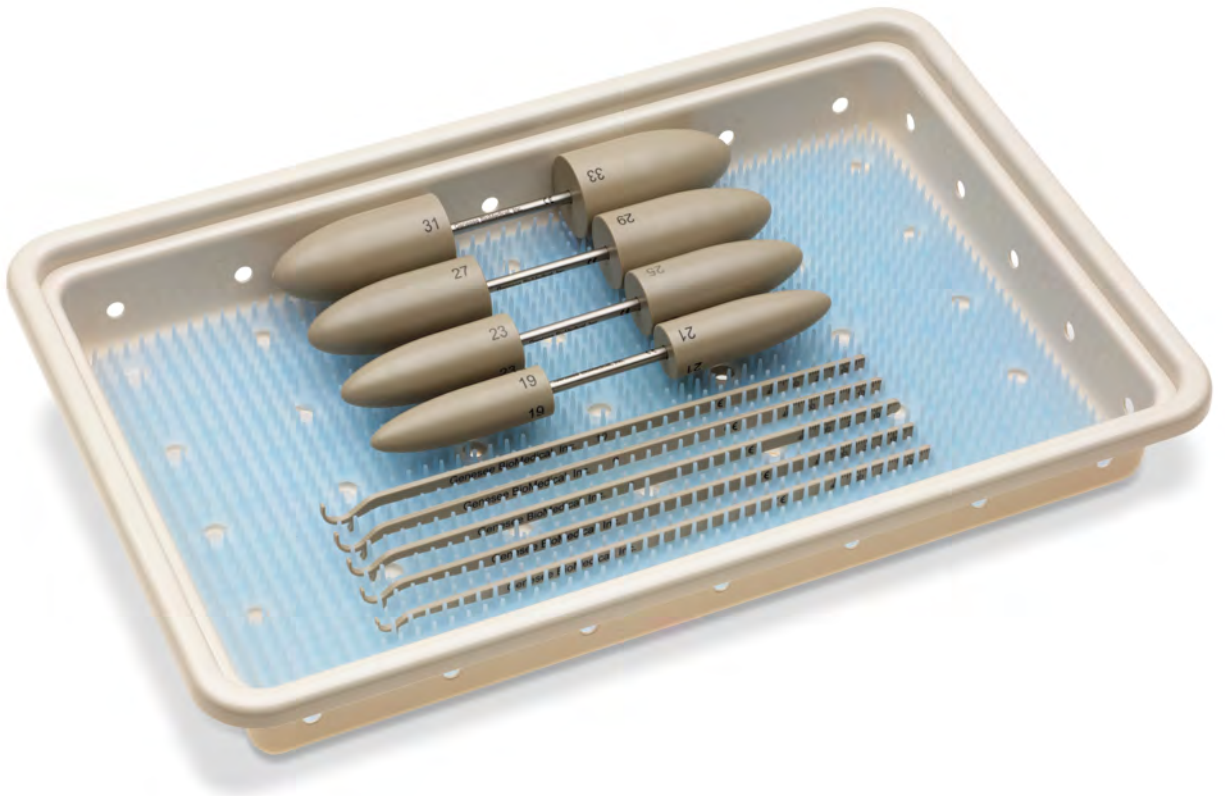
Minimally Invasive Approaches

- Deep or standard minimally invasive blade options
- Optimal platform for TAVR procedures

MiniMax Thoracic Retractor Ordering Information

Catalog #	Product Description
MMX-1	<p>MiniMax Minimally Invasive Thoracic Retractor with Stainless Steel Blades (Rack is 124mm, Arm is 79mm)</p> <p>Includes the following stainless steel blades:</p> <ul style="list-style-type: none">2 ea MM-SB Standard Blade (27mm wide by 25mm deep)2 ea MM-DB Deep Blade (27mm wide by 40mm deep)2 ea MM-WDB Wide Deep Blade (45mm wide by 40mm deep)1 ea PST-STS Sterilization Tray
MMX-IR	<p>MiniMax Minimally Invasive Thoracic Retractor with Aluminum Blades</p> <p>Includes the following aluminum blades:</p> <ul style="list-style-type: none">2 ea MM-SBR Standard Blade (27mm wide by 25mm deep)2 ea MM-DBR Deep Blade (27mm wide by 40mm deep)2 ea MM-WDBR Wide Deep Blade (45mm wide by 40mm deep)1 ea PST-STS Sterilization Tray
MMX-1RS	<p>MiniMax Minimally Invasive Thoracic Retractor with Radiolucent Aluminum Blades and Stainless Steel Blades</p> <p>Includes the following aluminum and stainless steel blades:</p> <ul style="list-style-type: none">2 ea MM-SBR Aluminum Standard Blade2 ea MM-DBR Aluminum Deep Blade2 ea MM-WDBR Aluminum Wide Deep Blade2 ea MM-SB Stainless Steel Standard Blade2 ea MM-DB Stainless Steel Deep Blade2 ea MM-WDB Stainless Steel Wide Deep Blade1 ea PST-STS Sterilization Tray

Aortic Valve Repair Toolkit



Designed to evaluate the aortic valve and
assess the aortic annulus

Tools for Aortic Valve Repair

Cusp Calipers

- Designed to determine intraoperative effective cusp height and geometric cusp height
- Provided in sizes 6, 7, 8, 9 and 10 to fit a variety of patients



Annular Obturators

- Used to assess the aortic annulus and the aorto-ventricular junction
- Malleable stem for ease of manipulation
- Can be used as an obturator to secure a supporting stitch in the aorto-ventricular junction
- Available in four double-ended sizes: 19/21, 23/25, 27/29 and 31/33



Aortic Tool Kit Ordering Information

Catalog #	Product Description
ART-2	Aortic Tool Kit with Annular Obturators and Cusp Calipers Includes the following: 1 ea ASR-19/23 annular obturator 1 ea ASR-23/25 annular obturator 1 ea ASR-27/29 annular obturator 1 ea ASR-31/33 annular obturator 1 ea 6 mm cusp caliper 1 ea 7 mm cusp caliper 1 ea 8 mm cusp caliper 1 ea 9 mm cusp caliper 1 ea 10 mm cusp caliper 1 ea MIR-STS Sterilization Tray
ASR-19/21	19/21 Aortic Obturator
ASR-23/25	23/25 Aortic Obturator
ASR-27/29	27/29 Aortic Obturator
ASR-31/33	31/33 Aortic Obturator
ARC-6	6 mm Aortic Cusp Caliper
ARC-7	7 mm Aortic Cusp Caliper
ARC-8	8 mm Aortic Cusp Caliper
ARC-9	9 mm Aortic Cusp Caliper
ARC-10	10 mm Aortic Cusp Caliper
MIR-STS	Sterilization Tray

Accessories are available separately.

Robotic Tool Kit



A Helping Hand for Robotic Procedures

Must-Have Tools for Robotic Surgery

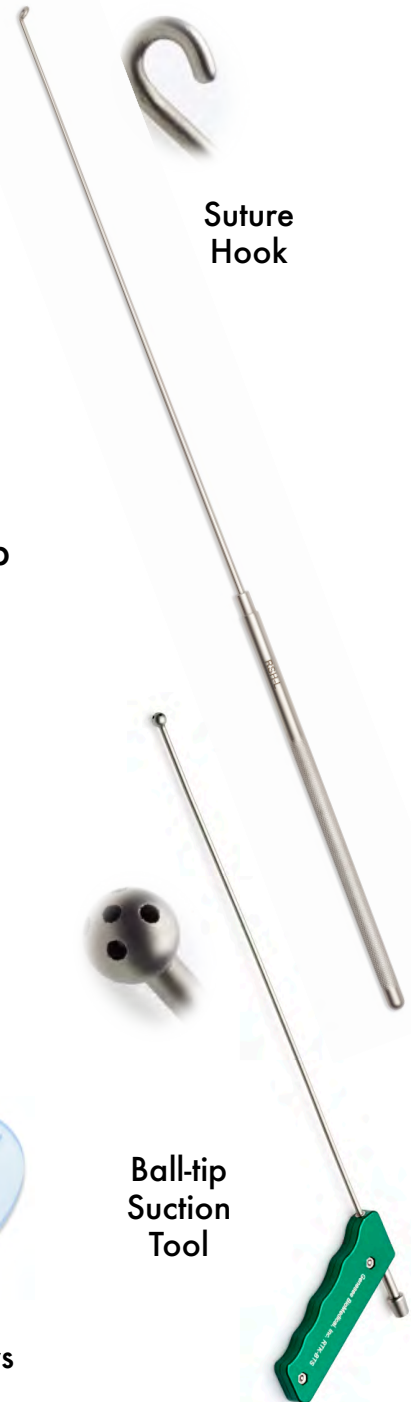
Suture Hooks

- Specialized tools for suture manipulation
- Available with left or right hand hook



Specialized Suction Tools

- Improved access for chest wall and hard to reach areas
- Available with large diameter and ball tip



Thoracic Ports

- Stainless steel ports with polymer obturators
- Designed for minimal access trauma
- Multiple sizes for valve repair, ASD and other cardiac procedures



Thoracic Ports and Obturators



Silicone Sizers

Robotic Tool Kit Ordering Information

Catalog #	Product Description
	Robotic Tools
RSH-L	Suture Hook knurled handle, Left (Inner diameter 8mm)
RSH-R	Suture Hook knurled Handle, Right (Inner diameter 8mm)
RTK-BTS	Ball-Tipped Suction Tube
RTK-LDS	Large Diameter Suction Tube
ST-ST5	Sterilization Tray
	Ports/Obturator5
RPS-18110	Thoracic Port with Obturator (18mm ID, 110 Length)
RPS-1890	Thoracic Port with Obturator (18mm ID, 90 Length)
RPS-1870	Thoracic Port with Obturator (18mm ID, 70 Length)
RPS-1850	Thoracic Port with Obturator (18mm ID, 50 Length)
RPS-37110	Thoracic Port with Obturator (37mm ID, 110 Length)
RPS-3790	Thoracic Port with Obturator (37mm ID, 90 Length)
RPS-3770	Thoracic Port with Obturator (37mm ID, 70 Length)
RPS-3750	Thoracic Port with Obturator (37mm ID, 50 Length)
MIR-ST5	Sterilization Tray

Accessories are available separately.

Child, Pediatric, and Neonate Retractors



**Child Curved
Sternal Retractor**

Innovative Design

- Anatomic curved shape and pivoting blades distribute opening pressure equally on the sternum
- Curved rack with hinged arms unobtrusively hug patient's body

Versatile Exposure

- Interchangeable rakes combined with ball clamps and H bar mounting rods produce excellent tissue exposure
- Unique shapes of ball and pillar clamps reduce risk of snagging suture

Multiple Sizes

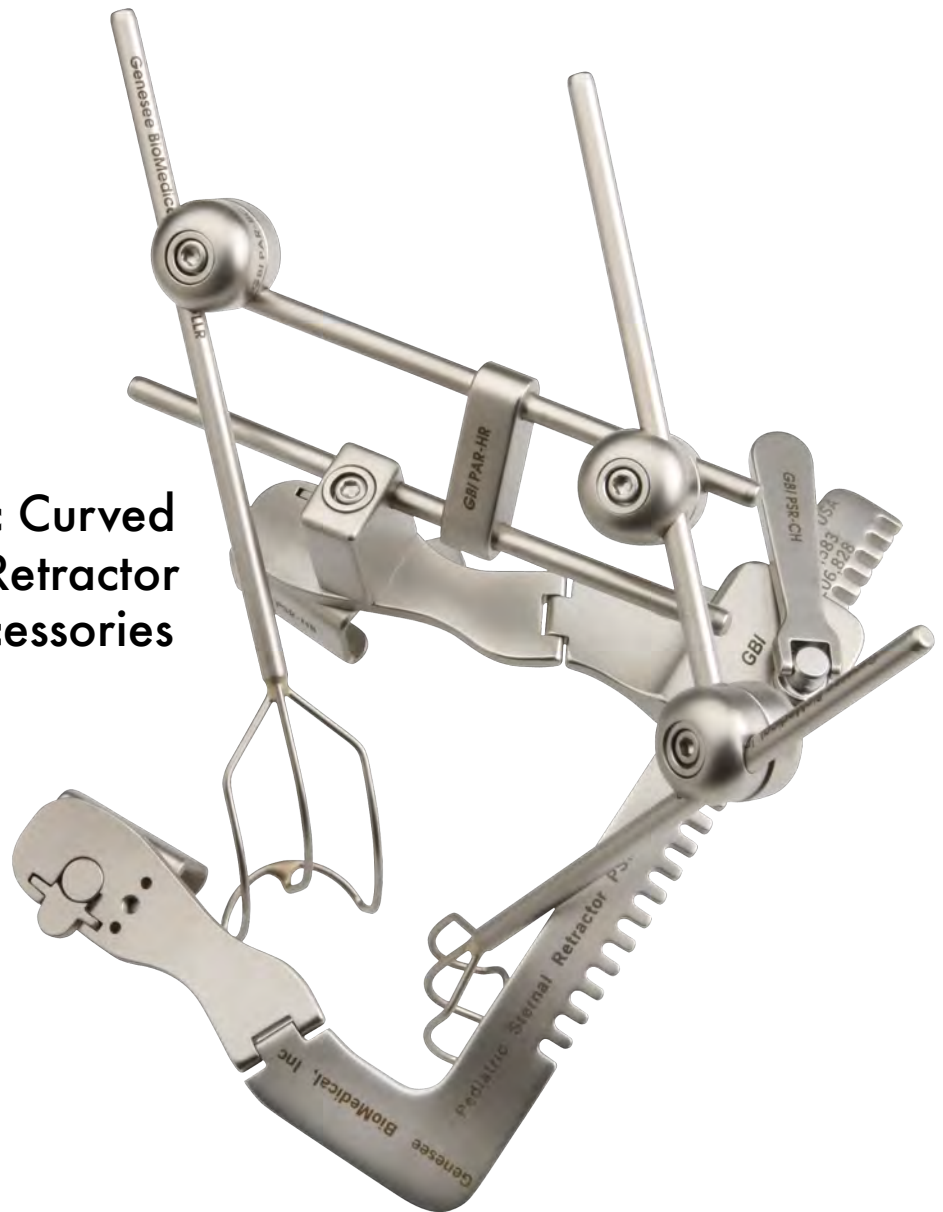
- Child retractor is suitable for young patients from 15 kg to 45 kg
- Pediatric retractor is suitable for pediatric patients from 2 kg to 15 kg
- Neonate retractor is suitable for pediatric patients from .5 kg to 5 kg

Child Curved Sternal Retractors Ordering Information

Catalog #	Product Description
	Child Curved Retractors
CSR-1	Child Sternal Retractor Includes the following: 1 ea CSR-CR Curved Rack with Fixed and Moving Arms (Rack is 180mm, Arm is 130mm) 1 ea CSR-CH Child Cog Handle 2 ea CSR-CB Child Sternal Blade (66mm wide by 19mm deep) 2 ea CSR-SB Standard Sternal Blade (45mm wide by 15mm deep) 1 ea MIR-STS Sterilization Tray
CSR-AR	Child Sternal Retractor with Atrial and Aortic Rakes Includes the following: 1 ea CSR-CR Curved Rack with Fixed and Moving Arms 1 ea CSR-CH Child Cog Handle 2 ea CSR-CB Child Sternal Blade 2 ea CSR-SB Standard Sternal Blade 1 ea MIR-SAR Child Small Left Atrial Rake 1 ea MIR-LAR Child Long Left Atrial Rake 2 ea MIR-MAR Child Medium Left Atrial Rake 1 ea PAR-LRR Large Right Atrial Rake 1 ea PAR-PC Pediatric Pillar Clamp 4 ea PAR-BC Pediatric Ball Clamp 2 ea PAR-MB Pediatric Mounting Bar 1 ea PAR-HR H Mounting Rod 1 ea MIR-STS Standard Sterilization Tray

Pediatric Curved Sternal Retractor

Pediatric Curved Sternal Retractor with Accessories



Multi-purpose retractors for valve or cardiac repair and correction of congenital abnormalities

Pediatric Curved Sternal Retractors Ordering Information

Catalog #	Product Description
	Pediatric Curved Retractors
PSRC-1	<p>Pediatric Sternal Retractor Includes the following:</p> <ul style="list-style-type: none"> 1 ea PSR-CR Pediatric Curved Rack with Fixed and Moving Arms (Rack 122mm long and Arm 82mm long) 1 ea PSR-CH Pediatric Cog Handle 2 ea PSR-SB Standard Blade (44mm wide by 16mm deep) 2 ea PSR-NB Newborn Blade (22mm wide by 18mm deep) 1 ea PST-STS Sterilization tray
PSRC-AR	<p>Pediatric Sternal Retractor with Atrial and Aortic Rakes Includes the following:</p> <ul style="list-style-type: none"> 1 ea PSR-CR Pediatric Curved Rack with Fixed and Moving Arms 1 ea PSR-CH Pediatric Cog Handle 2 ea PSR-SB Standard Blade 2 ea PSR-NB Newborn Blade 1 ea PAR-SLR Small Atrial Rake 1 ea PAR-LAR Long Atrial Rake 2 ea PAR-MLR Medium Atrial Rake 2 ea PAR-LLR Large Atrial Rake 1 ea PAR-LLR Large Right Atrial Rake 4 ea PAR-BC Pediatric Ball Clamp 1 ea PAR-PC Pediatric Pillar Clamp 1 ea PAR-HR "H" Bar 2 ea PAR-MB Mounting Bar 2 ea SR-HW Small Hex Wrench 1 ea PST-STS Sterilization tray

Neonate Curved Sternal Retractor Ordering Information



Catalog #	Product Description
NSR-1	<p data-bbox="429 915 993 948">Neonate Retractors and Accessories</p> <p data-bbox="429 967 682 987">Neonate Sternal Retractor</p> <p data-bbox="429 1012 644 1037">Includes the following:</p> <ul style="list-style-type: none"> <li data-bbox="429 1060 1322 1132">1 ea NSR-CR Neonate Curved Retractor with Fixed and Moving Arms and Attached Blades (Rack is 76mm long, Arm is 57mm, Blades are 9mm deep by 18mm wide) <li data-bbox="429 1155 772 1180">1 ea NSR-CH Neonate Cog Handle <li data-bbox="429 1203 719 1228">1 ea PST-ST5 Sterilization tray
NSR-AR	<p data-bbox="429 1286 972 1311">Neonate Sternal Curved Retractor with Atrial and Aortic</p> <p data-bbox="429 1335 769 1360">Accessories Includes the following:</p> <ul style="list-style-type: none"> <li data-bbox="429 1383 1248 1408">1 ea NSR-CR Neonate Curved Retractor with Fixed & Moving Arms and Cog Handle <li data-bbox="429 1431 762 1456">1 ea NAR-SR Small Neonate Rake <li data-bbox="429 1479 796 1505">1 ea NAR-MR Medium Neonate Rake <li data-bbox="429 1528 762 1553">1 ea NAR-LR Large Neonate Rake <li data-bbox="429 1576 769 1601">1 ea NSR-PC Neonate Pillar Clamp <li data-bbox="429 1624 762 1649">3 ea PAR-BC Pediatric Ball Clamps <li data-bbox="429 1673 796 1698">2 ea NAR-MB Neonate Mounting Bar <li data-bbox="429 1721 736 1746">2 ea SR-HW Small Hex Wrench <li data-bbox="429 1769 719 1794">1 ea PST-ST5 Sterilization Tray

Accessories are available separately.

Pediatric QuadRetractor



Unique multi-use retractor platform with interchangeable blades

- Ideal for muscle sparing thoracotomy or ministernotomy
- Suitable for patients from 2 to 12 kg

Pediatric QuadRetractor Ordering Information

Catalog #	Product Description
	Pediatric QuadRetractor and Accessories
PQR-1	<p>Pediatric QuadRetractor Includes the following:</p> <ul style="list-style-type: none">1 ea PSR-CR Pediatric QuadRetractor Rack (Rack 135mm wide)4 ea PSR-CH Pediatric Cog Handle2 ea PQR-RRR Pediatric Quad Rib Retractors (19mm wide by 24mm deep)2 ea PQR-MRR Pediatric Quad Muscle Retractors (19mm wide by 19mm deep)2 ea PQR-CSR Pediatric Quad Curved Skin Retractor (19mm wide by 19mm deep)2 ea PQR-DRR Pediatric Quad Deep Sternal Retractors (19mm wide by 34mm deep)PST-STS Pediatric Sterilization Tray
PQR-AR	<p>Pediatric QuadRetractor with Atrial and Aortic Accessories Includes the following:</p> <ul style="list-style-type: none">1 ea PQR-AR Pediatric QuadRetractor Rack4 ea PSR-CH Pediatric Cog Handle2 ea PQR-RRR Pediatric Quad Rib Retractors2 ea PQR-MRR Pediatric Quad Muscle Retractors2 ea PQR-CSR Pediatric Quad Curved Skin Retractors2 ea PQR-DRR Pediatric Quad Deep Sternal Retractors1 ea PAR-SLR Small Atrial Rake1 ea PAR-LAR Long Atrial Rake2 ea PAR-MLR Medium Atrial Rake2 ea PAR-LLR Large Atrial Rake1 ea PAR-LLR Large Right Atrial Rake4 ea PAR-BC Pediatric Ball Clamp1 ea PAR-PC Pediatric Pillar Clamp1 ea PAR-HR "H" Bar2 ea PAR-MB Mounting Bar2 ea SR-HW Small Hex Wrench1 ea PST-STS Sterilization tray

Accessories are available separately.

Pediatric Hinged Retractor Ordering Information



- Multi-position pediatric retractor
- Position above or below the sternotomy
- Suitable for patients from 500 grams to 1kg

Catalog #	Product Description
PHR-1	Pediatric Hinged Sternal Retractor with attached swivel blade (Rack is 61mm, Arm is 37mm) (Blades are 10mm wide by 10mm deep)

Coronary Artery Bypass Graft Markers Ordering Information

Flexible Silicone Proximal Rings

- Implantable grade impregnated silicone
- Dark color is easy to locate during re-op



Stainless Steel Distal Rings

- Implantable grade stainless steel
- Optional holder for handling ease



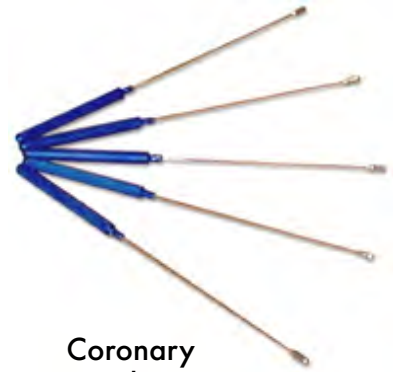
Proven Clinical Benefits

- Quick and easy implantation
Clear, unmistakable images
- Benefits include reduction in fluoroscopy time, contrast media required, and angiographic catheters required

Catalog #	Product Description
FM-PM-1	Flexible Proximal Silicone Marker 25/box (1/pouch)
FM-PM-2	Flexible Proximal Silicone Marker 50/box (2/pouch)
FM-PM-3	Flexible Proximal Silicone Marker 75/box (3/pouch)
AMGM-SD	Distal Stainless Steel Marker 25/box (1/pouch)
AMGM-D	Distal Stainless Steel Marker with holder 25/Box (1/pouch)
AMGM-BD	Distal Non-Sterile Bulk Stainless Steel Markers (100/bag)

Coronary Artery Probes Ordering Information

Catalog #	Product Description
Coronary Artery Probes 140 mm Length	
CPH-1.00	1.00 mm Coronary Artery Probe
CPH-1.25	1.25 mm Coronary Artery Probe
CPH-1.50	1.50 mm Coronary Artery Probe
CPH-1.75	1.75 mm Coronary Artery Probe
CPH-2.00	2.00 mm Coronary Artery Probe
CPH-2.25	2.25 mm Coronary Artery Probe
CPH-2.50	2.50 mm Coronary Artery Probe
CPH-2.75	2.75 mm Coronary Artery Probe
CPH-3.00	3.00 mm Coronary Artery Probe
CPH 1-3	Set of 9 each Coronary Artery Probes (1 mm – 3 mm)



Coronary Artery Probes 191 mm Length	
CPH-1.00L	1.00 mm Coronary Artery Probe
CPH-1.25L	1.25 mm Coronary Artery Probe
CPH-1.50L	1.50 mm Coronary Artery Probe
CPH-1.75L	1.75 mm Coronary Artery Probe
CPH-2.00L	2.00 mm Coronary Artery Probe
CPH-2.25L	2.25 mm Coronary Artery Probe
CPH-2.50L	2.50 mm Coronary Artery Probe
CPH-2.75L	2.75 mm Coronary Artery Probe
CPH-3.00L	3.00 mm Coronary Artery Probe
CPH 1-3L	Set of 9 each Coronary Artery Probes (1 mm – 3 mm)

Precision Tools for Revascularization Ordering Information

Aortic Punch



Catalog #	Product Description
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Multi-Size, Reusable Aortic Punch

APCS	Aortic Punch with Complete Set of 8 Tip Sizes and Sterilization Tray
APB	Aortic Punch Body
APBT	Aortic Punch Body with One Tip, Any size
APT-3.6	3.6mm Aortic Punch Tip
APT-4.4	4.4mm Aortic Punch Tip
APT-4.8	4.8mm Aortic Punch Tip
APT-5.2	5.2mm Aortic Punch Tip
APT-5.6	5.6mm Aortic Punch Tip
APT-6.3	6.3mm Aortic Punch Tip

Shaw Shods® Suture Guards Ordering Information



Patented Design

- Unique guards designed to protect and prevent sutures from tangling
- Bridge spans boots to prevent suture entanglement
- Radiopaque and latex-free

Quick and Easy to Load

- No need to line up suture before use



Catalog #	Product Description
SPH-3	Packaged sterile, 3 per pouch, 10 pouches per box
SPH-5	Packaged sterile, 5 per pouch, 10 pouches per box

Myocardial Temperature Probes Ordering Information

Designed for Ease of Use

- Small 22-gauge needle allows for easy insertion
- Available in 2100 and popular Y. S. I. 400 series
- Needles available in 15 mm, 18 mm, 30 mm and 44 mm
- 6 ft. lead wire allows connection to be isolated from the patient, table and sterile field



Myocardial
Temperature Probe

Catalog #	Product Description	How Supplied
2100 Series		
2123	15mm 22 gauge needle	10 per box
2124	18mm 22 gauge needle	10 per box
XE2125	44mm 22 gauge needle	10 per box
XE2126	30mm 22 gauge needle	10 per box
YSI 400 Series		
2423	15mm 22 gauge needle	10 per box
2424	18mm 22 gauge needle	10 per box
2426	30mm 22 gauge needle	10 per box
XE2425	44mm 22 gauge needle	10 per box
Adapter Cables		
9004	Y.S.I. 400 Series	

Single-Use Tools for Cardiac Surgery Ordering Information

Cardiac and Phrenic Insulator

- Unique shape provides insulation to lateral and posterior walls of the heart and phrenic nerves
- Malleable stiffener for ease in positioning and retention

Universal Y Connector

- Convenient fluid connection

Heart- Lift™ Cardiac Retraction Sling

- Providing easy access to circumflex branch of the coronary artery



Y Connector



Cardiac and Phrenic Insulator

Catalog #	Product Description	How Supplied
CPI-M	Medium Cardiac and Phrenic Insulator	10 per Box
WD-20	Universal "Y" Connector	10 per Box
CRS-A	Cardiac Retraction Sling	10 per Box

**Manufactured by:
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Denver, CO 80223**

**For Customer Service, call:
Phone: 303-777-3000
Toll free: 800-786-4890
Fax: 303-777-8866**

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