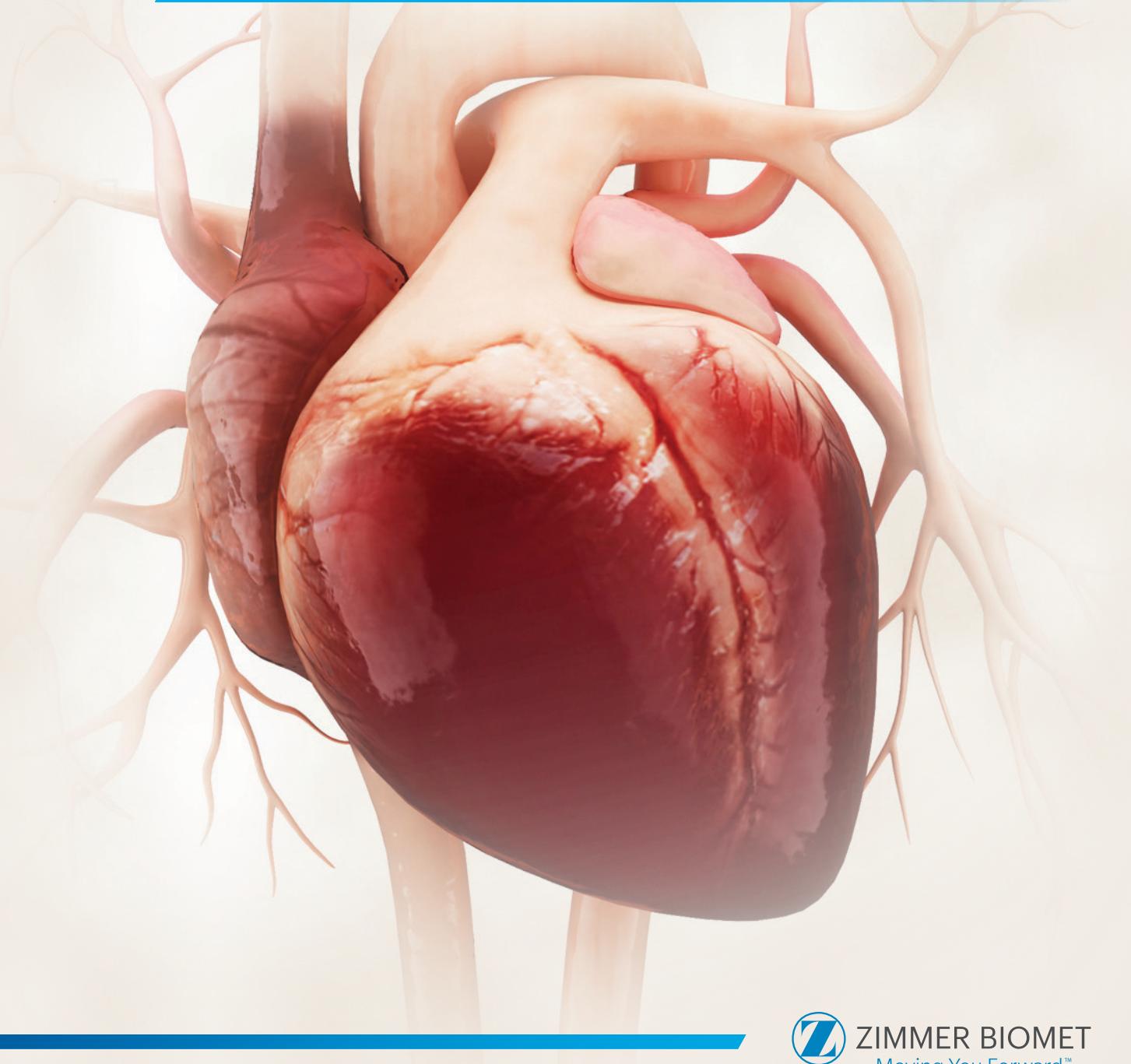


# Cardiovascular Products Catalog

Sternal Wires, Pacing Wires, and Surgical Punches



ZIMMER BIOMET  
Moving You Forward.™



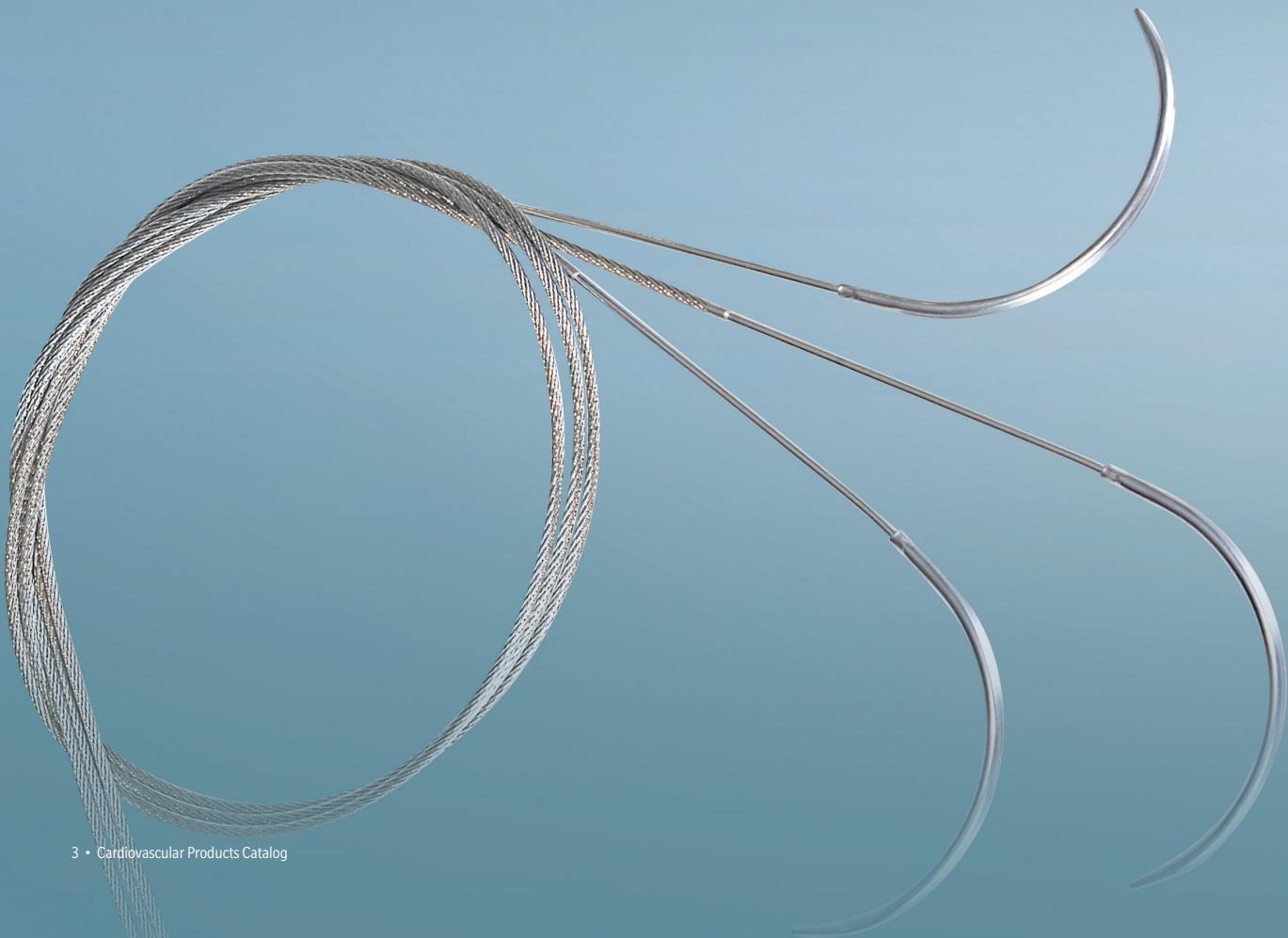
[www.zbthoracic.com](http://www.zbthoracic.com)



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As a leader in the musculoskeletal and thoracic space, Zimmer Biomet has expanded its thoracic portfolio to include a broad range of products to enhance our offering to the Cardiac specialty. In addition to our comprehensive rigid fixation product portfolio, we now offer sternal wires, temporary pacing wires, and rotating surgical punches.

Included in this catalog are options for sternotomy wires, including Single Wire and DoubleWire, Ultra-Thin and Ultra-Flex Temporary Pacing Wires for atrial and/or ventricular pacing needs, and Rotating Surgical Punches for creating uniform circular cuts in soft tissues or openings in soft vessel walls.



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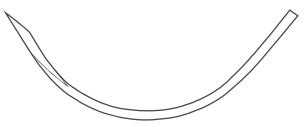
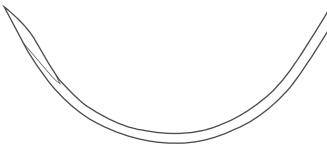
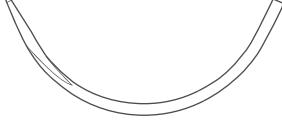
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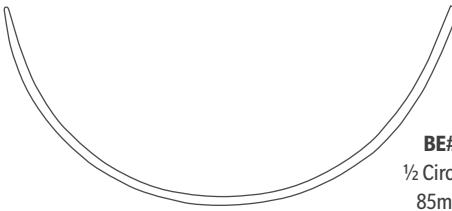
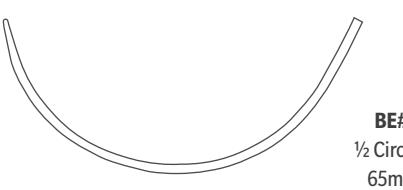
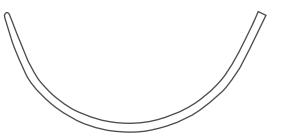
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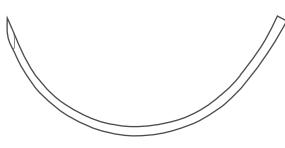
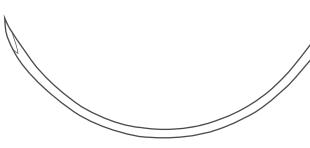
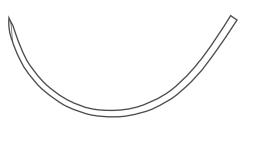
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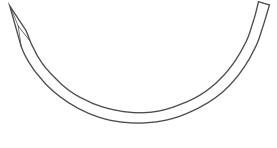
## SINGLE WIRE STERNAL SUTURE

CONVENTIONAL CUTTING 	USP Size and Wire Length (12 packs per box)				
	#5, 18" (45cm)	#6, 18" (45cm)	#7, 18" (45cm)	#5, 30" (75cm)	#6, 30" (75cm)
 <b>CCS#1</b> 1/2 Circle 49mm	045-031, 2/pk 045-032, 4/pk 045-033, 6/pk	040-370, 1/pk 040-318, 2/pk 046-031, 2/pk 040-392, 3/pk 046-032, 4/pk 046-033, 6/pk	040-398, 1/pk 047-031, 2/pk 047-032, 4/pk 040-305, 5/pk 047-033, 6/pk 040-316, 7/pk 040-394, 8/pk	045-131, 2/pk	046-131, 2/pk 040-428, 4/pk
 <b>CCS#2</b> 1/2 Circle 59mm	045-061, 2/pk 045-062, 4/pk 045-063, 6/pk	046-061, 2/pk 046-062, 4/pk 040-382, 5/pk 040-385, 5/pk 046-063, 6/pk	047-061, 2/pk 040-329, 3/pk 047-062, 4/pk 047-063, 5/pk 040-386, 6/pk	045-161, 2/pk	046-161, 2/pk
 <b>CCS#3</b> 1/2 Circle 49mm	045-081, 2/pk 045-082, 4/pk 045-083, 6/pk	046-081, 2/pk 040-326, 3/pk 046-082, 4/pk 046-083, 6/pk	040-419, 1/pk 047-081, 2/pk 040-360, 3/pk 047-082, 4/pk 047-083, 6/pk	045-181, 2/pk	040-416, 1/pk 046-181, 2/pk

BALL END 	#5, 18" (45cm)	#6, 18" (45cm)	#7, 18" (45cm)	#5, 30" (75cm)	#6, 30" (75cm)
 <b>BE#1</b> 1/2 Circle 85mm	045-011, 2/pk 045-012, 4/pk 045-013, 6/pk	046-011, 2/pk 046-012, 4/pk 046-013, 6/pk	047-011, 2/pk 047-012, 4/pk 047-013, 6/pk	045-111, 2/pk	046-111, 2/pk
 <b>BE#2</b> 1/2 Circle 65mm	045-022, 4/pk 045-023, 6/pk	046-022, 4/pk 046-023, 6/pk	040-378, 1/pk 047-022, 4/pk 047-023, 6/pk	045-121, 2/pk	046-121, 2/pk 040-379, 5/pk
 <b>BE#3</b> 1/2 Circle 49mm	N/A	046-092, 4/pk 046-093, 6/pk	040-429, 2/pk 047-092, 4/pk 047-093, 6/pk	045-191, 2/pk	046-191, 2/pk

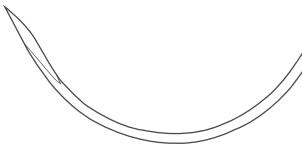
## SINGLE WIRE STERNAL SUTURE

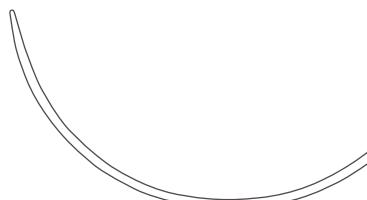
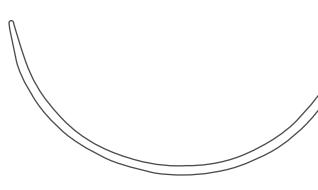
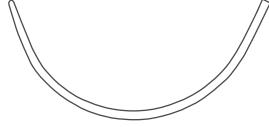
TAPERED CUTTING ▽	USP Size and Wire Length (12 packs per box)				
	#5, 18" (45cm)	#6, 18" (45cm)	#7, 18" (45cm)	#5, 30" (75cm)	#6, 30" (75cm)
 <p><b>TC#1</b> ½ Circle 51mm</p>	045-072, 4/pk 045-073, 6/pk	040-404, 1/pk 040-439, 3/pk 046-072, 4/pk 046-073, 6/pk	047-072, 4/pk 047-073, 6/pk	045-171, 2/pk 040-312, 5/pk	046-171, 1/pk
 <p><b>STANDARD</b> ¾ Circle 55mm</p>	045-002, 4/pk 045-003, 6/pk	046-002, 4/pk 046-003, 6/pk	047-002, 4/pk 047-003, 6/pk	N/A	046-101, 2/pk
 <p><b>TC#2</b> ½ Circle 40mm</p>	#1, 18" (45cm)		#2, 18" (45cm)		
	040-301, 1/pk 041-082, 4/pk		040-306, 2/pk 042-082, 4/pk		

DIAMOND POINT ◆◆	#5, 18" (45cm)	#6, 18" (45cm)	#7, 18" (45cm)	#5, 30" (75cm)	#6, 30" (75cm)
 <p><b>DP</b> ½ Circle 48mm</p>	045-042, 4/pk 045-043, 6/pk	046-042, 4/pk 046-043, 6/pk	047-042, 4/pk 047-043, 6/pk	045-141, 2/pk	046-141, 2/pk

REVERSE CUTTING ▽▽	#5, 18" (45cm)	#6, 18" (45cm)	#7, 18" (45cm)	#5, 30" (75cm)	#6, 30" (75cm)
 <p><b>RCE#1</b> ½ Circle 55mm</p>	045-052, 4/pk 045-053, 6/pk	046-051, 2/pk	047-052, 4/pk 047-053, 6/pk	045-151, 2/pk	046-151, 2/pk

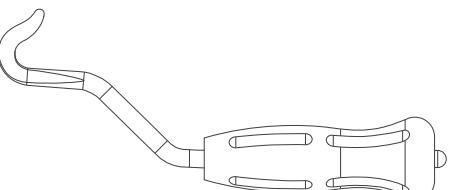
## DOUBLEWIRE STERNAL SUTURE

CONVENTIONAL CUTTING ▲	USP Size and Wire Length (12 packs per box)		
	#6, 14" (35cm)	#8, 14" (35cm)	#6, 18" (45cm)
 CCS#1 ½ Circle 49mm	046-237, 3/pk 040-337, 4/pk	040-415, 1/pk 048-237, 3/pk	040-352, 1/pk 046-337, 3/pk 040-367, 6/pk
 CCS#2 ½ Circle 59mm	046-267, 3/pk 040-333, 4/pk	040-308, 1/pk 048-267, 3/pk	040-402, 1/pk 046-367, 3/pk
 CCS#3 ½ Circle 49mm	046-287, 3/pk	048-287, 3/pk	046-387, 3/pk

BALL END ○	#6, 14" (35cm)	#8, 14" (35cm)	#6, 18" (45cm)
 BE#1 ½ Circle 85mm	040-411, 1/pk 046-217, 3/pk 040-300, 4/pk	040-304, 1/pk 048-217, 3/pk 040-344, 4/pk	046-317, 3/pk
 BE#2 ½ Circle 65mm	040-403, 1/pk 040-365, 3/pk 040-397, 4/pk	N/A	N/A
 BE#3 ½ Circle 51mm	046-297, 3/pk 040-376, 4/pk 040-388, 1/pk	048-297, 3/pk	046-397, 3/pk

TAPERED CUTTING ▽	#6, 14" (35cm)	#8, 14" (35cm)	#6, 18" (45cm)
 TC#1 ½ Circle 51mm	040-349, 3/pk	N/A	N/A

## DOUBLEWIRE STERNAL SUTURE

DOUBLEWIRE TWISTER	Category Number
	040-400

SINGLEWIRE NEEDLE	DOUBLEWIRE NEEDLE	USP Size	A&E SS Kit, 3 DW #6, 14", BE#2; 3 SW #6, 18", CCS#2, 6/Pkg, 12 Pkg
Conventional Cutting CCS#2	Conventional Cutting CCS#2	6	040-353

SINGLEWIRE NEEDLE	DOUBLEWIRE NEEDLE	USP Size	3 x 45cm Single & 3 x 36cm DoubleWires Per Pkg, 12Pkg/Box   Category Number
Conventional Cutting CCS#2	Conventional Cutting CCS#2	6	040-354
Conventional Cutting CCS#2	Ball End BE#1	6	040-355

# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

## CURVED NEEDLES | TAPER ○



1/2 Circle  
25mm



3/8 Circle  
23mm

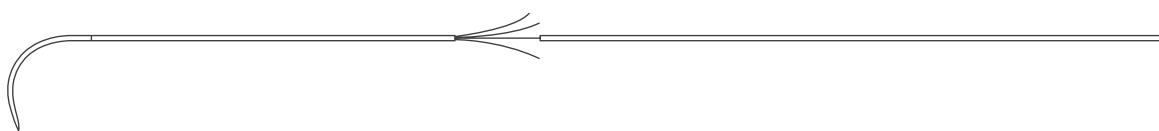


3/8 Circle  
16mm



1/2 Circle  
26mm (CUTTING)

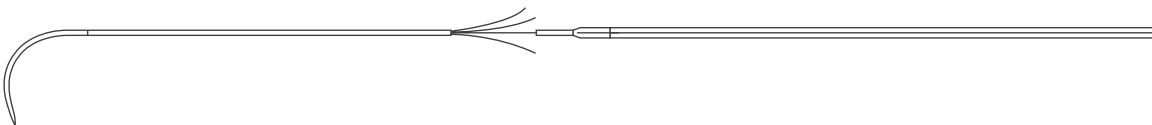
## MONOPOLAR SERIES - SF SERIES



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
SF608AB	<b>Ultra-Thin Monopolar</b> 60cm – Blue – Flare 8mm electrode 23mm 3/8 needle, 20 Pk	23mm	Curve	60cm	8mm	Blue
SF6010AW	<b>Ultra-Thin Monopolar</b> 60cm – Wht – Flare 10mm electrode 23mm 3/8 needle, 20 Pk	23mm	Curve	60cm	10mm	White
SF6010AWSTR	<b>Ultra-Thin Monopolar</b> 60cm – Wht – Flare 10mm electrode 23mm 3/8 needle, 20 Pk	23mm	Straight	60cm	10mm	White
SF6010ACBGSTR	<b>Ultra-Thin Monopolar</b> 60cm – Blue – Flare 10mm electrode 25mm 1/2 needle, 20 Pk	25mm	Straight, Solid	60cm	10mm	Blue
SF6010ACWGSTR	<b>Ultra-Thin Monopolar</b> 60cm – Wht – Flare 10mm electrode 25mm 1/2 needle, 20 Pk	25mm	Straight, Solid	60cm	10mm	White
SF604PBD	<b>Ultra-Thin Monopolar</b> 60cm – Blue – Flare 4mm electrode 16mm 3/8 needle, 20 Pk	16mm	Curve	60cm	4mm	Blue
SF604PWD	<b>Ultra-Thin Monopolar</b> 60cm – White – Flare 4mm electrode 16mm 3/8 needle, 20 Pk	16mm	Curve	60cm	4mm	White

# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

## BIPOLAR INLINE - BM SERIES



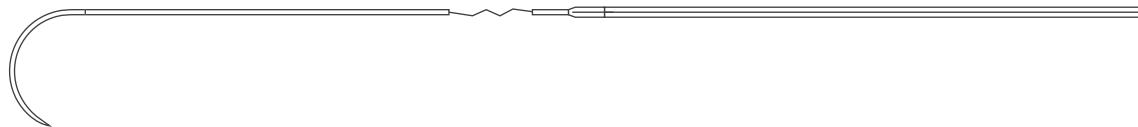
Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
BM604ABB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 4mm electrode, 20 Pk	23mm	Curve	60cm	4mm	Blue
BM604ABBDS	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 4mm electrode, Slide off + adapter, 20 Pk	23mm	Curve	60cm	4mm	Blue
BM604ABBSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 4mm electrode, 20 Pk	23mm	Straight	60cm	4mm	Blue
BM608ABB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	23mm	Curve	60cm	8mm	Blue
BM608ABBG	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	23mm	Curve, Solid	60cm	8mm	Blue
BM608ABBGSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	23mm	Straight, Solid	60cm	8mm	Blue
BM604ABW	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue/Wht – Flare 4mm electrode, 20 Pk	23mm	Curve	60cm	4mm	Blue/White
BM604AWW	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Wht – Flare 4mm electrode, 20 Pk	23mm	Curve	60cm	4mm	White
BM2004ABBD	<b>Ultra-Thin Bipolar Inline</b> Inline – 200cm – Blue – Flare 4mm electrode + adapter, 10 Pk	23mm	Curve	200cm	4mm	Blue
BM604ACBBGSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 4mm electrode, 20 Pk	25mm	Straight, Solid	60cm	4mm	Blue

# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

## BIPOLAR INLINE - BM SERIES

Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
BM608ACBB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	25mm	Curve	60cm	8mm	Blue
BM608ACBBG	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	25mm	Curve, Solid	60cm	8mm	Blue
BM608ACBBGSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 8mm electrode, 20 Pk	25mm	Straight, Solid	60cm	8mm	Blue
BM604ACWWSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Wht – Flare 4mm electrode, 20 Pk	25mm	Straight	60cm	4mm	White
BM604PBB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – Flare 4mm electrode, 20 Pk	16mm	Curve	60cm	4mm	Blue
BM604PWWMSTR	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Wht – Flare 4mm electrode, 20 Pk	16mm	Straight	60cm	4mm	White

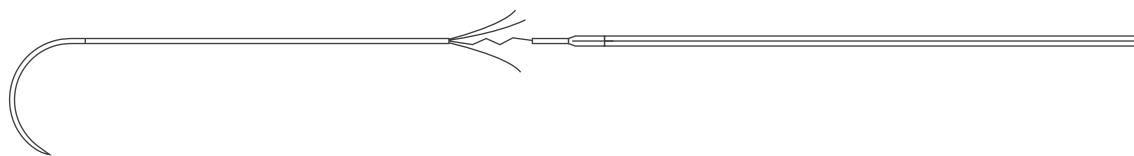
## BIPOLAR INLINE - BMZ SERIES (ZIGZAG)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
BMZ602ABB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – ZigZag 5mm electrode, 20 Pk	23mm	Curve	60cm	2mm	Blue
BMZ602ABBG	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – ZigZag 5mm electrode, 20 Pk	23mm	Curve, Solid	60cm	2mm	Blue

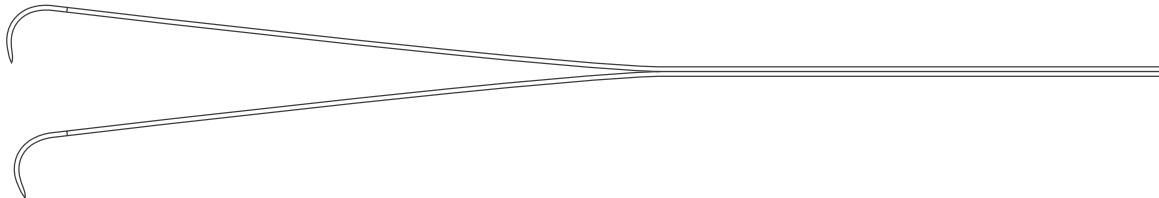
## ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

### BIPOLAR INLINE - BMZF SERIES (ZIGZAG FLARE)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
BMZF605ACBB	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – ZigZag/Flare 8mm electrode, 20 Pk	25mm	Curve	60cm	5mm	Blue
BMZF605ACBBG	<b>Ultra-Thin Bipolar Inline</b> Inline – 60cm – Blue – ZigZag/Flare 8mm electrode, 20 Pk	25mm	Curve, Solid	60cm	5mm	Blue

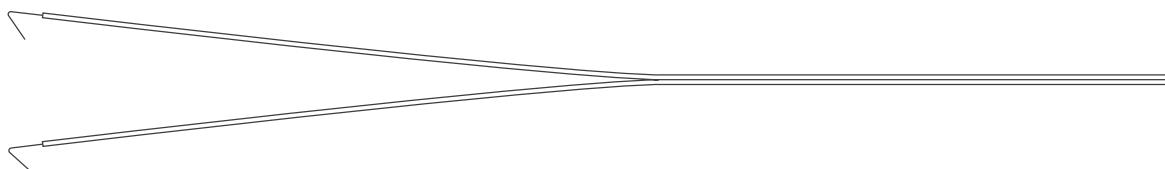
### BIPOLAR BIFURCATED - V SERIES (BARE)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
V605PBB	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Bare 4.5cm electrode, 20 Pk	16mm	Curve	60cm	N/A	Blue

# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

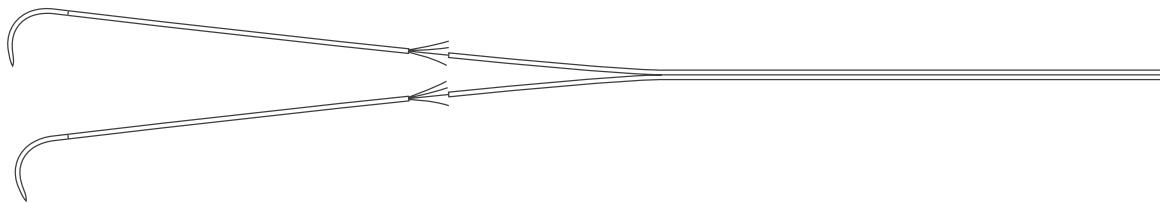
## BIPOLAR BIFURCATED - VE SERIES (HOOK)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
VE60PBB	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Hook 7.5mm electrode, 20 Pk	N/A	Curve	60cm	N/A	Blue
VE60BB	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Hook 10mm electrode, 20 Pk	N/A	Curve	60cm	N/A	Blue
VE60BBMSTR	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Hook 10mm electrode, 20 Pk	N/A	Straight	60cm	N/A	Blue
VE60BBSTR	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Hook 10mm electrode, 20 Pk	N/A	Straight	60cm	N/A	Blue
VE60WW	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Wht – Hook 10mm electrode, 20 Pk	N/A	Curve	60cm	N/A	White
VE60WWG	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Wht – Hook 10mm electrode, 20 Pk	N/A	Curve, Solid	60cm	N/A	White
VE60WWGSTR	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Wht – Hook 10mm electrode, 20 Pk	N/A	Straight, Solid	60cm	N/A	White
VE250BBD	<b>Ultra-Thin Bipolar Bifurcated</b> 250cm – Blue – Hook 10mm electrode + adapter, 10 Pk	N/A	Curve	250cm	N/A	Blue

# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

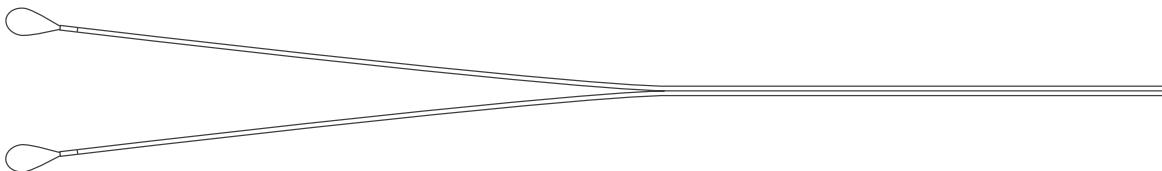
## BIPOLAR BIFURCATED - VF SERIES (FLARE)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
VF608ABB	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Flare 8mm electrode, 20 Pk	23mm	Curve	60cm	8mm	Blue
VF608AWW	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Wht – Flare 8mm electrode, 20 Pk	23mm	Curve	60cm	8mm	White
VF608AWWGSTR	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Wht – Flare 8mm electrode, 20 Pk	23mm	Straight, Solid	60cm	8mm	White
VF2008ABBD	<b>Ultra-Thin Bipolar Bifurcated</b> 200cm – Wht – Hook 8mm electrode + adapter, 10 Pk	23mm	Curve	200cm	8mm	Blue
VF2508AWWD	<b>Ultra-Thin Bipolar Bifurcated</b> 250cm – Wht – Hook 8mm electrode + adapter, 10 Pk	23mm	Curve	250cm	8mm	White
VF608ACBBG	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – Flare 8mm electrode, 20 Pk	25mm	Curve, Solid	60cm	8mm	Blue

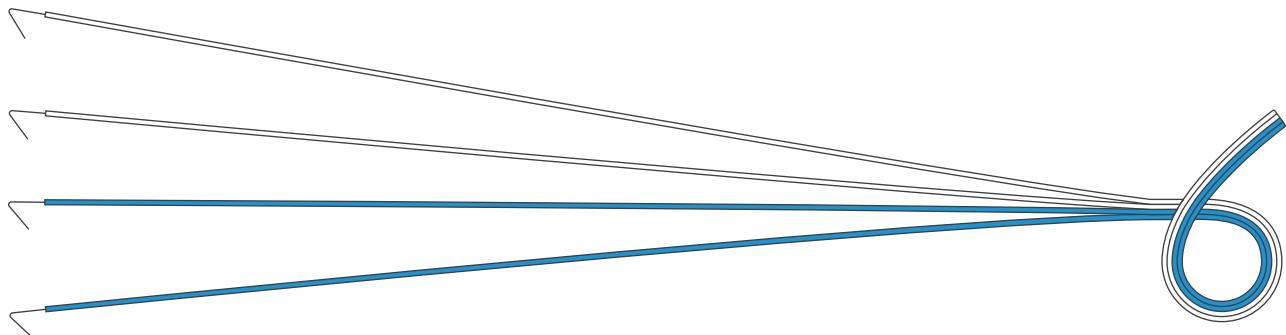
# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

## BIPOLAR BIFURCATED - VO SERIES (LOOP)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
VO60BB	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – O-shape 20mm electrode, 20 Pk	N/A	Curve	60cm	N/A	Blue
VO60BBG	<b>Ultra-Thin Bipolar Bifurcated</b> 60cm – Blue – O-shape 20mm electrode, 20 Pk	N/A	Curve, Solid	60cm	N/A	Blue

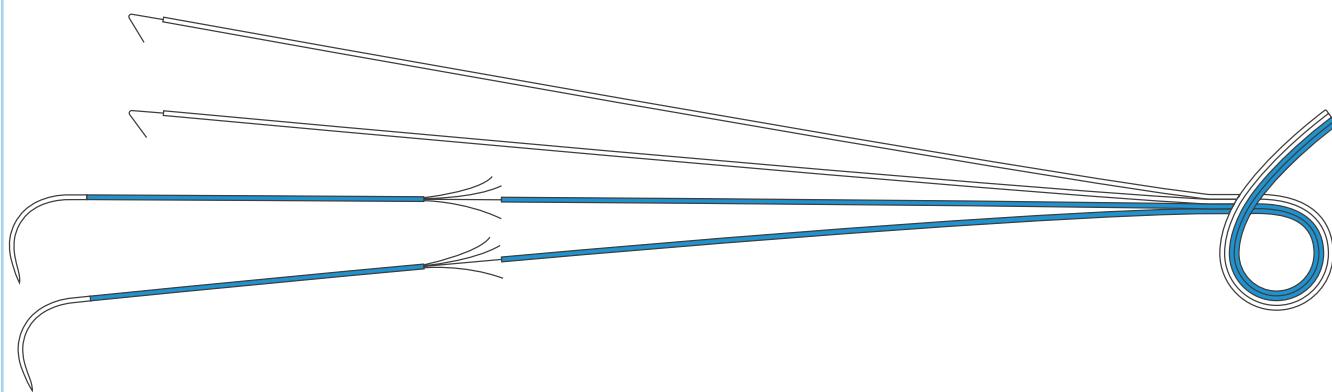
## QUADPOLAR - QE SERIES (4 HOOKS)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
QE60BW2D	<b>Ultra-Thin Quadpolar</b> 60cm – Blue/Wht – Hook 10mm electrode + 2x adapter, 10 Pk	N/A	Curve	60cm	N/A	Blue/White
QE200BW2D	<b>Ultra-Thin Quadpolar</b> 200cm – Blue/Wht – Hook 10mm electrode + 2x adapter, 10 Pk	N/A	Curve	200cm	N/A	Blue/White

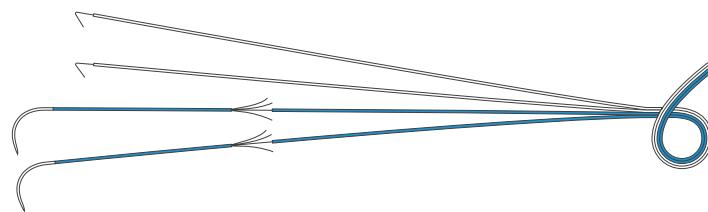
# ULTRA-THIN TEMPORARY CARDIAC PACING WIRES

## QUADPOLAR - QEF SERIES (2 HOOKS, 2 NEEDLES)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
QEF608AWB	<b>Ultra-Thin Quadpolar</b> 60cm – Blue/Wht – Flare 10mm/ Hook 8mm electrode, 10 Pk	23mm	Curve	60cm	8mm	White/ Blue
QEF2008ABW2D	<b>Ultra-Thin Quadpolar</b> 200cm – Blue/Wht – Flare 8mm/Hook 10mm electrode + 2x adapter, 10 Pk	23mm	Curve	200cm	8mm	Blue/ White
QEF1504PWB2D	<b>Ultra-Thin Small Quadpolar</b> 150cm – Wht/Blue – Flare 4mm/Hook 10mm electrode + 2x adapter, 10 Pk	16mm	Curve	150cm	4mm	White/ Blue

## QUADPOLAR - QM SERIES (2 INLINE BIPOLAR)



Item #	Description	Curved Needle	Thoracic Needle	Wire Length	Flare Length	Color
QM604PBW2D	<b>Ultra-Thin Small Quadpolar</b> 60cm – Blue/Wht – Flare 4mm electrode + 2x adapter, 10 Pk	16mm	Curve	60cm	4mm	Blue/ White

# ULTRA-FLEX TEMPORARY CARDIAC PACING WIRES

## M-20 (BARE WIRE)



Item #	Description	Straight Needle	Color
020-000	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 89mm keith 1/Pk 24 Pk	89mm	Orange
020-001	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 89mm keith 1/Pk 24 Pk	89mm	White

## M-21 (LOOP)



Item #	Description	Straight Needle	Color
021-001	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 89mm keith 1/Pk 24 Pk	89mm	White
021-010	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 64mm keith 1/Pk 24 Pk	64mm	Orange

## M-22 (LOOP)



Item #	Description	Straight Needle	Color
022-000	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 89 mm keith 1/Pk 24 Pk	89 mm	Orange
022-001	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 89mm keith 1/Pk 24 Pk	89mm	White
022-010	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 64mm keith 1/Pk 24 Pk	64mm	Orange

# ULTRA-FLEX TEMPORARY CARDIAC PACING WIRES

## CURVED NEEDLES | TAPER ●



**STANDARD**  
½ Circle  
37mm



**OPTION B**  
½ Circle  
26mm

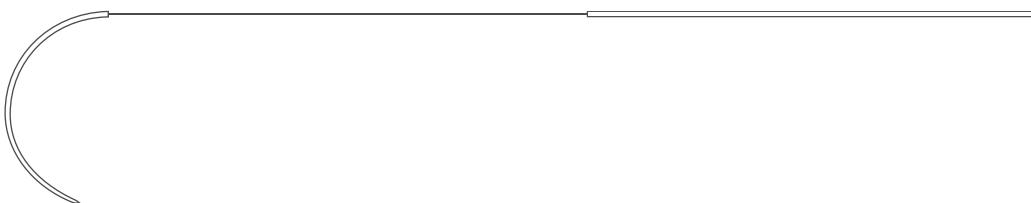


**OPTION D**  
½ Circle  
17mm



**OPTION P**  
⅓ Circle  
16mm

## M-24 (BARE WIRE)



Item #	Description	Curved Needle	Straight Needle	Color
024-100	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	Orange
024-101	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	White
024-200	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 26mm 1/2 circle, 89mm keith 1/Pk 24 Pk	26mm	89mm	Orange
024-201	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 26mm 1/2 circle, 89mm keith 1/Pk 24 Pk	26mm	89mm	White
024-210	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 26mm 1/2 circle, 64mm keith 1/Pk 24 Pk	26mm	64mm	Orange
024-301	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 16mm 3/8 circle, 89mm keith 1/Pk 24 Pk	16mm	89mm	White
024-310	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 16mm 3/8 circle, 64mm keith 1/Pk 24 Pk	16mm	64mm	Orange
024-311	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 16mm 3/8 circle, 64mm keith 1/Pk 24 Pk	16mm	64mm	White
024-410	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 17mm 1/2 circle, 64mm keith 1/Pk 24 Pk	17mm	64mm	Orange
024-411	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 17mm 1/2 circle, 64mm keith 1/Pk 24 Pk	17mm	64mm	White

# ULTRA-FLEX TEMPORARY CARDIAC PACING WIRES

## M-25 (WINGED WIRE)



Item #	Description	Curved Needle	Straight Needle	Color
025-100	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	Orange
025-101	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	White
025-102	<b>Ultra-Flex Monopolar</b> (Lt.O, 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	Light Orange
025-200	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 26mm 1/2 circle, 89mm keith 1/Pk 24 Pk	26mm	89mm	Orange
025-201	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 26mm 1/2 circle, 89mm keith 1/Pk 24 Pk	26mm	89mm	White
025-210	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 26mm 1/2 circle, 64mm keith 1/Pk 24 Pk	26mm	64mm	Orange
025-211	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 26mm 1/2 circle, 64mm keith 1/Pk 24 Pk	26mm	64mm	White
025-300	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 16mm 3/8 circle, 89mm keith 1/Pk 24 Pk	16mm	89mm	Orange
025-301	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 16mm 3/8 circle, 89mm keith 1/Pk 24 Pk	16mm	89mm	White
025-311	<b>Ultra-Flex Monopolar</b> (Wht., 2-0) 16mm 3/8 circle, 64mm keith 1/Pk 24 Pk	16mm	64mm	White

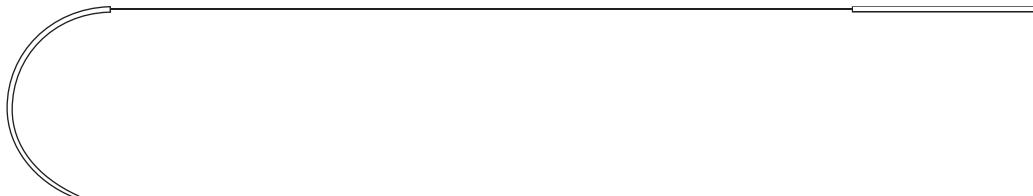
# ULTRA-FLEX TEMPORARY CARDIAC PACING WIRES

## M-26 (1CM ELECTRODE)



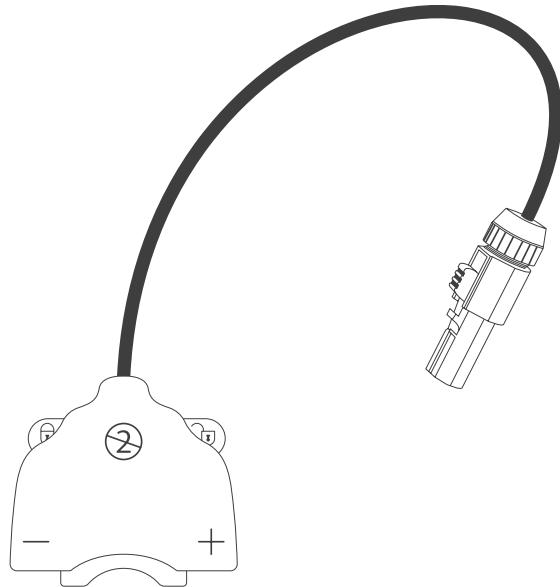
Item #	Description	Curved Needle	Straight Needle	Color
026-100	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 37mm 1/2 circle, 89mm keith 1/Pk 24 Pk	37mm	89mm	Orange

## M-27 (INDIFFERENT LEAD) | REVERSE CUTTING ▽



Item #	Description	Curved Needle	Straight Needle	Color
027-043	<b>Ultra-Flex Monopolar</b> (Org., 2-0) 41mm str 1/Pk 24 Pk   8" (20cm)	N/A	41mm	Orange
027-522	<b>Ultra-Flex Monopolar</b> (Lt.O, 2-0) 28mm 1/2 circle cutting 1/Pk 24 Pk   24" (61cm)	28mm	N/A	Light Orange
027-525	<b>Ultra-Flex Monopolar</b> (Lt.O, 2-0) 28mm 1/2 circle cutting 1/Pk 24 Pk   8" (20cm)	28mm	N/A	Light Orange

# DISPOSABLE PATIENT CABLES



## STANDARD CONNECTOR

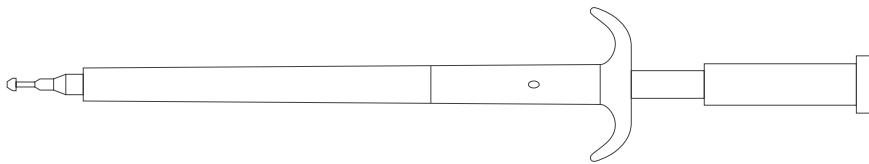
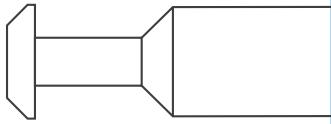
Item #	Description	Color	Electrode Pin Diameter Well	Length	Cables/Box
019-530	<b>Disposable Patient Cable 2.0, Sterile</b>	White	1.0mm-2.0mm	6 ft	8
019-535	<b>Disposable Patient Cable 2.0, Sterile</b>	Blue	1.0mm-2.0mm	6 ft	8
019-540	<b>Disposable Patient Cable 2.0, Sterile</b>	White	1.0mm-2.0mm	10 ft	6
019-545	<b>Disposable Patient Cable 2.0, Sterile</b>	Blue	1.0mm-2.0mm	10 ft	6

## COLLETT (INTERNATIONAL MARKET ONLY)

119-530	<b>Disposable Patient Cable 2.0, 2mm Universal Connector, Sterile</b>	White	1.0mm-2.0mm	6 ft	8
119-535	<b>Disposable Patient Cable 2.0, 2mm Universal Connector, Sterile</b>	Blue	1.0mm-2.0mm	6 ft	8
119-540	<b>Disposable Patient Cable 2.0, 2mm Universal Connector, Sterile</b>	White	1.0mm-2.0mm	10 ft	6
119-545	<b>Disposable Patient Cable 2.0, 2mm Universal Connector, Sterile</b>	Blue	1.0mm-2.0mm	10 ft	6

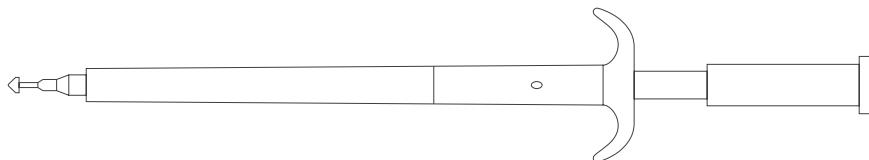
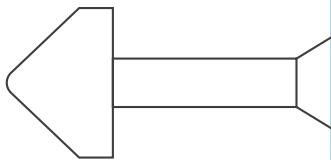
## SURGICAL PUNCHES

### ROTATING SURGICAL PUNCHES



Item #	Description
080-271	<b>Rotating Surgical Punch 2.7mm, 6/Bx, Sterile</b>
080-351	<b>Rotating Surgical Punch 3.5mm, 6/Bx, Sterile</b>
080-401	<b>Rotating Surgical Punch 4.0mm, 6/Bx, Sterile</b>
080-451	<b>Rotating Surgical Punch 4.5mm, 6/Bx, Sterile</b>
080-481	<b>Rotating Surgical Punch 4.8mm, 6/Bx, Sterile</b>
080-501	<b>Rotating Surgical Punch 5.0mm, 6/Bx, Sterile</b>

### ROTATING SURGICAL PUNCHES, TAPERED TIP



Item #	Description
080-273	<b>Rotating Surgical Punch, 2.7 mm, Taper Tip, 6/Bx, Sterile</b>
080-353	<b>Rotating Surgical Punch, 3.5 mm, Taper Tip, 6/Bx, Sterile</b>
080-403	<b>Rotating Surgical Punch, 4.0 mm, Taper Tip, 6/Bx, Sterile</b>
080-453	<b>Rotating Surgical Punch, 4.5 mm, Taper Tip, 6/Bx, Sterile</b>
080-483	<b>Rotating Surgical Punch, 4.8 mm, Taper Tip, 6/Bx, Sterile</b>
080-503	<b>Rotating Surgical Punch, 5.0 mm, Taper Tip, 6/Bx, Sterile</b>



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