

GETTING  
TO THE HEART  
OF YOUR  
CARDIOVASCULAR  
NEEDS



## Delivering value where you need it most

Working in partnership with the medical community, Medtronic develops and provides a full range of surgical solutions based on the best technologies for patient care.

We strive to be a partner that hospitals can rely on to meet ongoing surgical needs, while delivering service and support to maximize efficiency and create positive patient outcomes.

We're driven by the understanding that there is a patient connected to everything we do. With Medtronic by your side, there is no need to compromise between proven clinical performance and real economic benefit – our solutions deliver both.



## A dedicated partner

Behind every Medtronic product is a large-scale investment in research and development to ensure that our solutions are clinically relevant and acceptable. These investments keep us at the forefront of suture technology and allow us to offer a broad range of choices.

Our highly trained sales specialists are committed to in-servicing your needs. They will help you evaluate and assess your choices and will also help your clinical staff work with our products first hand.

From customized procedure kits for easier ordering to specialized product packaging for intuitive use in the OR, we're constantly looking for new ways to add to efficiency, productivity, convenience and ease-of-use.

# WORLD CLASS BRANDS YOU KNOW



The Medtronic family of wound closure products for cardiovascular procedures includes brands that surgeons have been using for years for dependable performance and handling. These include Ti-Cron™, a flagship brand in heart valve replacement, and Surgipro™ II, a global brand used for cardiovascular and peripheral vascular procedures. Plus brands like Maxon™ for pediatric use and Vascufil™ as a technological advancement with unique feel and performance characteristics are also available. We also offer accessories that include pledgets, steel, bone wax and Flexon™ (pacing wires).

<b>TI-CRON™</b>	Braided Synthetic Polyester
<b>SURGIPTM II</b>	Monofilament Synthetic Polypropylene
<b>VASCUFIL™</b>	Monofilament Synthetic Polybutester
<b>MAXON™</b>	Monofilament Synthetic Polyglyconate

Our complete line of products and accessories can meet all of your surgical needs. From clinical performance and reliability, to product handling and packaging, you can be assured that every product detail has been carefully considered from the surgical team's point-of-view.

**Put us to the test in one of our tissue labs where your surgeons can compare our solutions to competitor products. It's that simple!**

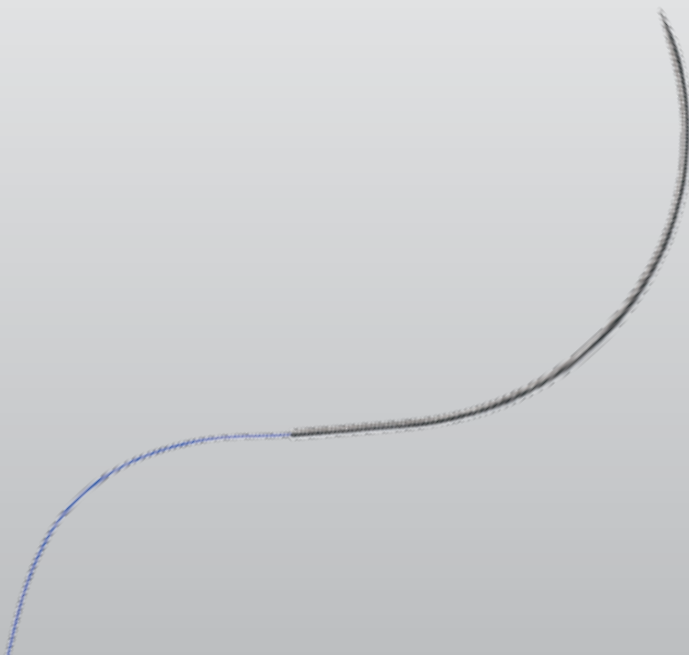


## Making life easier in and out of the Q.R.

Our sales specialists are experts at successful conversions, managing every aspect of pre-clinical labs; clinician product education and training, cross referencing and labeling, and procedural management. After the transition is complete, they'll be available to ensure it's a success.

It's easy to partner with us. We're all about value, service and providing the products that your surgeons need and trust. You can even purchase our products online. The fact is, we'll be with you every step of the way. We'll not only help you address the day-to-day demands of cardiovascular surgery, but also your future needs as we continue to invest in suture technology.














**That's the Medtronic way.**



# CARDIOVASCULAR NEEDLES

## ⊙ taper point · $\frac{3}{8}$ circle

















CODE COMP LENGTH

CV-1/CVF-1	BV-1	9 mm	
CV-310	BV	10 mm	
CV/CVF	BV	11 mm	
CV-11/CVF-11	C-1	13 mm	
CV-301	C-1*	13 mm	
CV-307	BB*	16 mm	
CV-15/CVF-15	BB	17 mm	
CV-327	BB*	18 mm	
CV-16		20 mm	
CV-13	BB-1	22 mm	
CV-18	TE-2	26 mm	
CV-17	TE-2	32 mm	
CV-19		50 mm	

\* Suggested

## ⊙ taper point · $\frac{1}{2}$ circle



CODE COMP LENGTH

CV-20	RB-3	10 mm	
CV-337	RB-3	10 mm	
CVF-21	TF	12 mm	
CV-22/CVF-22	RB-2	13 mm	
CV-330	RB-2	13 mm	
CV-26	UCL	15 mm	
CV-331	RB-1*	16 mm	
CV-23/CVF-23	RB-1	17 mm	
CV-316	SH-2	20 mm	
CV-24	SH-2	20 mm	
CV-25	SH-1	22 mm	
CV-305	SH*	25 mm	
V-20/VF-20	SH	26 mm	
V-30		30 mm	
CV-300	MH*	35 mm	
V-26	MH*	37 mm	

\* Suggested



## ⊙ taper point · CardioCurve™

CODE LENGTH

CVL	11 mm	
CVL-11	13 mm	

## ⊙ penetrating taper · $\frac{3}{8}$ circle

CODE COMP LENGTH

YE-1	CC-1	13 mm	
YE-7	V-4	18 mm	

## ⊙ penetrating taper · $\frac{1}{2}$ circle





CODE COMP LENGTH

Y-31	V-5	16 mm	
Y-16	V-6*	20 mm	
Y-5	V-7	26 mm	

\* Suggested



## ⊙ tapercutting · $\frac{3}{8}$ circle

CODE COMP LENGTH

KV-1/KVF-1	CC	9 mm	
KV-11/KVF-11	CC-1	13 mm	
KV-15	V-4	17 mm	
KV-26	V-26	26 mm	



## ⊙ tapercutting · $\frac{1}{2}$ circle

CODE COMP LENGTH

KV-5/KVF-5	V-5	17 mm	
KV-7	V-7	26 mm	

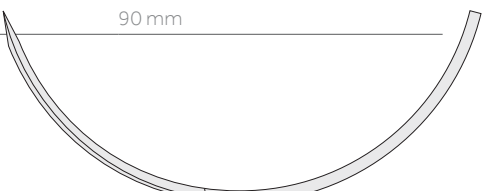
## ▲ conventional cutting · $\frac{1}{2}$ circle

CODE COMP LENGTH

SCC	CCS	48 mm	
SCC-1	CCS-1	60 mm	

## ▲ conventional cutting · $\frac{3}{8}$ circle

CODE LENGTH

GCC-90	90 mm	
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## Suture product chart

	TI-CRON™	SURGIPRO™ II	VASCUFIL™	MAXON™	STEEL™
<b>STRUCTURE</b>	Braided	Monofilament	Monofilament	Monofilament	Monofilament
<b>SUTURE TYPE</b>	Non-Absorbable	Non-Absorbable	Non-Absorbable	Long-Term Absorbable	Non-Absorbable
<b>COMPOSITION</b>	Polyester	Polypropylene	Polybutester	Polyglyconate	Stainless Steel
<b>COATING</b>	Silicone	Uncoated	Polytribolate	Uncoated	Uncoated
<b>COLOR OF MATERIAL</b>	Blue White	Blue	Blue	Green	Steel
<b>TENSILE STRENGTH</b>	Permanent	Permanent	Permanent	6 Weeks	Permanent
<b>ABSORPTION</b>	Permanent	Permanent	Permanent	180 Days	Permanent

## Options

AVAILABLE USP SIZES	2-0 to 7-0	3-0 to 8-0	2-0 to 7-0	5-0 to 7-0	0 to 3-0	7 to 5
<b>NEEDLES</b>	Cardiopoint™ Surgalloy™ DermaX™ D-Tach™ Protect Point™	Surgalloy™ Cardiopoint™ D-Tach™ Optivis™ DermaX™ Protect Point™	Surgalloy™	Surgalloy™ DermaX™ Protect Point™	Break-Away™	Roto-Grip™ Protect Point™

## Temporary pacing lead

	FLEXON™
<b>STRUCTURE</b>	N/A
<b>SUTURE TYPE</b>	Non-Absorbable
<b>COMPOSITION</b>	Stainless Steel
<b>COATING</b>	Coating PTFE or FEP
<b>COLOR OF MATERIAL</b>	Orange or White (PTFE) or Clear (FEP)
<b>TENSILE STRENGTH</b>	Permanent
<b>ABSORPTION</b>	Permanent

Contact your local Medtronic Representative for additional information, or visit [medtronic.eu/product-catalog](http://medtronic.eu/product-catalog)

**Medtronic**



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For more information, please visit [medtronic.eu/product-catalog](http://medtronic.eu/product-catalog)

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**IMPORTANT:** Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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