



Medtronic

OCTOPUS[®] 4 SURGICAL SOLUTIONS

Available with Starfish[™]2 or Urchin[™] Heart Positioner

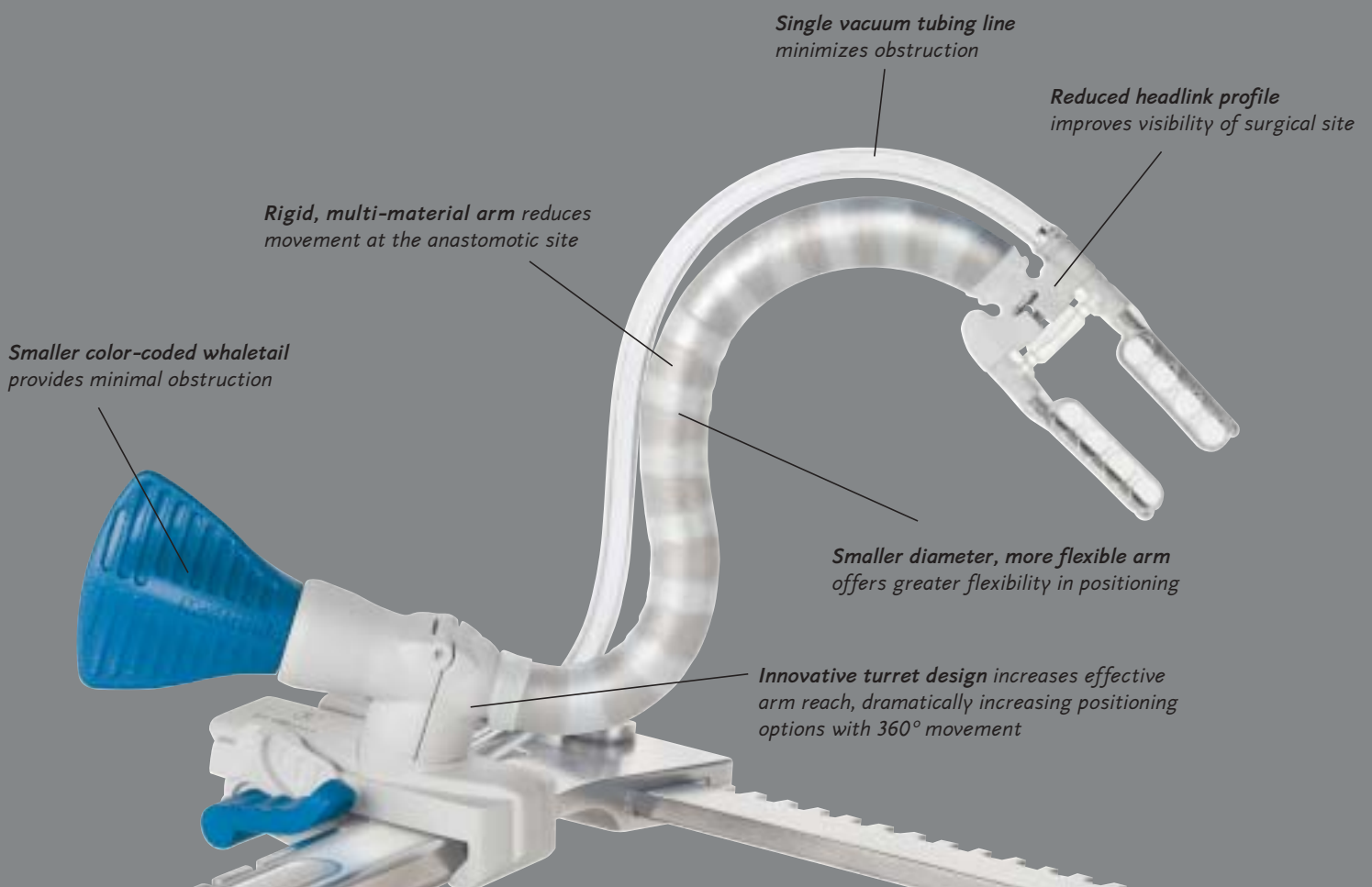


Confidence by Choice

Confidence

Octopus[®] 4 Tissue Stabilizer

Best in Class device technology
for beating heart surgery



Pod spreading
optimizes sewing
space and stability
of anastomotic site.



The Octopus[®] 4 tissue stabilizer has innovative features, such as clear, malleable pods combined with a smaller diameter, more flexible arm and an ultra-low headlink profile.

by Choice

Positioner Options



Multi-appendage silicone suction cup's smaller profile allows for enhanced visualization. Utilizes -400mm Hg.

STARFISH™ 2

Smaller color-coded whaletail provides minimal obstruction

Innovative turret design increases effective arm reach, dramatically increasing positioning options with 360° movement

High-flow flexible tubing allows easier positioning after attachment to the heart

New swivel headlink greatly increases positioning options; maintains more natural bellows position

Both the Starfish™2 and Urchin™ heart positioners provide excellent access to target coronaries while minimizing hemodynamic instability:

- Provide enhanced access to lateral wall with "off-apex" position
- Optimize performance of tissue stabilizer
- Minimize hemodynamic deterioration associated with beating heart manipulation when compared to deep pericardial sutures¹
- Offer flexible, low profile mounting options with turret design



Silicone suction apparatus provides immediate tissue capture. Utilizes -250mm Hg.

URCHIN™

ORDERING INFORMATION

OCTOPUS® PRODUCTS

Product Code	Description	U/M	Usage/ Case
28400	Octopus®3 Tissue Stabilizer	1	1
29400	Octopus®4 Tissue Stabilizer	1	1
29700	Urchin™ Heart Positioner	1	1
29800	Starfish™2 Heart Positioner	1	1
3S2*	Octopus®3 Tissue Stabilizer and Starfish™2 Heart Positioner	1 each	1
3U1*	Octopus®3 Tissue Stabilizer and Urchin™ Heart Positioner	1 each	1
4S2*	Octopus®4 Tissue Stabilizer and Starfish™2 Heart Positioner	1 each	1
4U1*	Octopus®4 Tissue Stabilizer and Urchin™ Heart Positioner	1 each	1
28030	Vacuum Regulator	1	reusable
28031	European Vacuum Regulator	1	reusable
VP675	Portable Vacuum Pump with Regulator	1	reusable
29000	Replacement Canister Tubing Set	2 each	1

* Devices will be packaged separately as of January 1, 2003

OCTOBASE™ RETRACTOR SYSTEM

Product Code	Description	U/M	Usage/ Case
28701	Retractor with stainless steel inserts	1	Reusable
28703	Swivel standard blades	1 set of 4	Reusable
28704	Swivel deep blades	1 set of 4	Reusable
28705	Fixed standard blades	1 set of 2	Reusable
28706	Fixed deep blades	1 set of 2	Reusable
28707	Disposable suture holding inserts	10 sets of 2	1

CLEARVIEW® BLOWER/MISTER SYSTEM

Product Code	Description	U/M
22120	ClearView® Blower/Mister (handpiece only)	10/ctn.
22150	ClearView® Blower/Mister Kit (with attached tubing set)	5/ctn.

For more information, contact your local Medtronic Cardiac Surgery Technologies Sales Representative or call Customer Service toll-free at 1-800-328-1357.



Medtronic
When Life Depends on Medical Technology

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CLEARVIEW® INTRACORONARY SHUNT

Product Code	Bulb Size	Length Between Bulbs	U/M
31100	1.00 mm	14 mm	5/ctn.
31125	1.25 mm	14 mm	5/ctn.
31150	1.50 mm	14 mm	5/ctn.
31175	1.75 mm	14 mm	5/ctn.
31200	2.00 mm	14 mm	5/ctn.
31225	2.25 mm	14 mm	5/ctn.
31250	2.50 mm	14 mm	5/ctn.
31275	2.75 mm	14 mm	5/ctn.
31300	3.00 mm	14 mm	5/ctn.

QUICKFLOW DPS™ DISTAL PERFUSION SYSTEM

Product Code	Description	U/M
33100	QuickFlow DPS™ Distal Perfusion System	5/ctn.
	Each kit contains: 1- tubing set 2- 2.0 mm elongated arteriotomy cannulae 1- 3.0 mm elongated arteriotomy cannula 1- 4.0 mm elongated arteriotomy cannula 1- 14 gauge aortic root cannula	

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician. For a listing of indications, contraindications, precautions and warnings, please refer to the Directions For Use.

References

¹ Gründeman P, et al. Ninety degrees anterior cardiac displacement in off-pump CABG: the Starfish™ cardiac positioner preserves stroke volume and arterial pressure. Presented at ISMICS 2002.

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