Sclerotherapy Needles

TORTUOUS ANATOMY

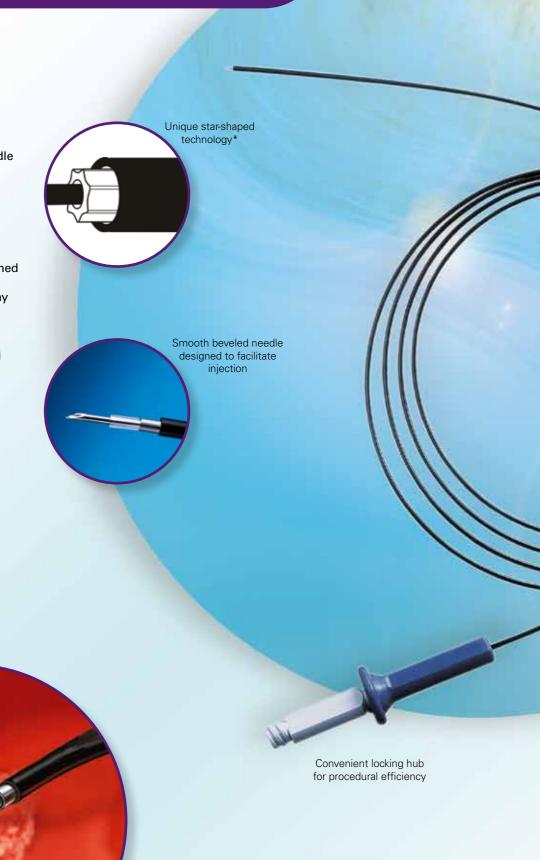
Unique star-shaped inner catheter design* helps promote reliable needle actuation in tortuous anatomy (even after kinking)

EFFICIENT ACCESS

Pushable sheath construction designed to facilitate advancement through difficult pathways to remote anatomy

SMOOTH NEEDLE PENETRATION

Beveled needle designed to facilitate injection



Resolution[™] Clip

Order Number	Working Length (cm)	Minimum Working Channel (mm)	Clip Opening (mm)	Units
M005 2260 0	155	2.8	11	Box 1
M005 2260 1	155	2.8	11	Box 10
M005 2260 2	155	2.8	11	Box 20
M005 2261 0	235	2.8	11	Box 1
M005 2261 1	235	2.8	11	Box 10
M005 2261 2	235	2.8	11	Box 20

Injection Gold Probe™

Order Number	O.D.	Needle		Minimum Working	Working Length	0	11 miles	
	(F/mm)	Gauge	O.D. (mm)	I.D. (mm)	Channel (mm)	(cm)	Connector	Units
M005 6015 0	7/2.33	25	0.51	0.24	2.8	210	Standard	Box 1
M005 6016 0	10/3.33	25	0.51	0.24	3.7	210	Standard	Box 1

Gold Probe[™]

Order Number	O.D. (F/mm)	Minimum Working Channel (mm)	Working Length (cm)	Connector	Units
M005 6007 0	7/2.33	2.8	300	Standard	Box 1
M005 6007 1	7/2.33	2.8	300	Standard	Box 5
M005 6010 0	10/3.33	3.7	300	Standard	Box 1
M005 6010 1	10/3.33	3.7	300	Standard	Box 5
M005 6022 0	7/2.33	2.8	350	Standard	Box 1

Interject™

Order Number	Sheath Design	Sheath O.D. (mm)	Needle			Maximum Needle	Working	01.5
			Gauge	O.D. (mm)	I.D. (mm)	Extension Length (mm)	Length (cm)	Units
M005 1815 1	Contrast	1.8	23	0.64	0.32	4	200	Box 5
M005 1816 1	Contrast	1.8	25	0.51	0.24	4	200	Box 5
M005 1825 1	Contrast	1.8	23	0.64	0.32	6	200	Box 5
M005 1826 1	Contrast	1.8	25	0.51	0.24	6	200	Box 5
M005 1835 1	Contrast	2.3	23	0.64	0.32	4	240	Box 5
M005 1836 1	Contrast	2.3	25	0.51	0.24	4	240	Box 5
M005 1811 1	Clear	1.8	25	0.51	0.24	4	200	Box 5
M005 1830 1	Clear	2.3	23	0.64	0.32	4	240	Box 5
M005 1831 1	Clear	2.3	25	0.51	0.24	4	240	Box 5

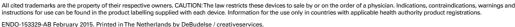
Speedband[™] Superview[™] Super 7[™]

Order Number	Minimum Working Channel (mm)	Soons O.D. /mml	Panda/Ligating Unit	Units
Order Number	Willimum Working Channel (mm)	Scope O.D. (mm)	Bands/Ligating Unit	Ullits
M005 4225 0	2.8	8.6-11.5	7	Box 1
M005 4225 1	2.8	8.6-11.5	7	Box 2
M005 4225 3	2.8	8.6-11.5	7	Box 4

Irrigation catheter supplied in each kit



Jensen et al 2009, Gastrointestinal Endoscopy, Volume 70, No. 5: 969
Jensen et al 2008, Gastrointestinal Endoscopy, Volume 67, Issue 5, April 2008, Pages AB254
Adler at al 2009, DDW 2009 Poster





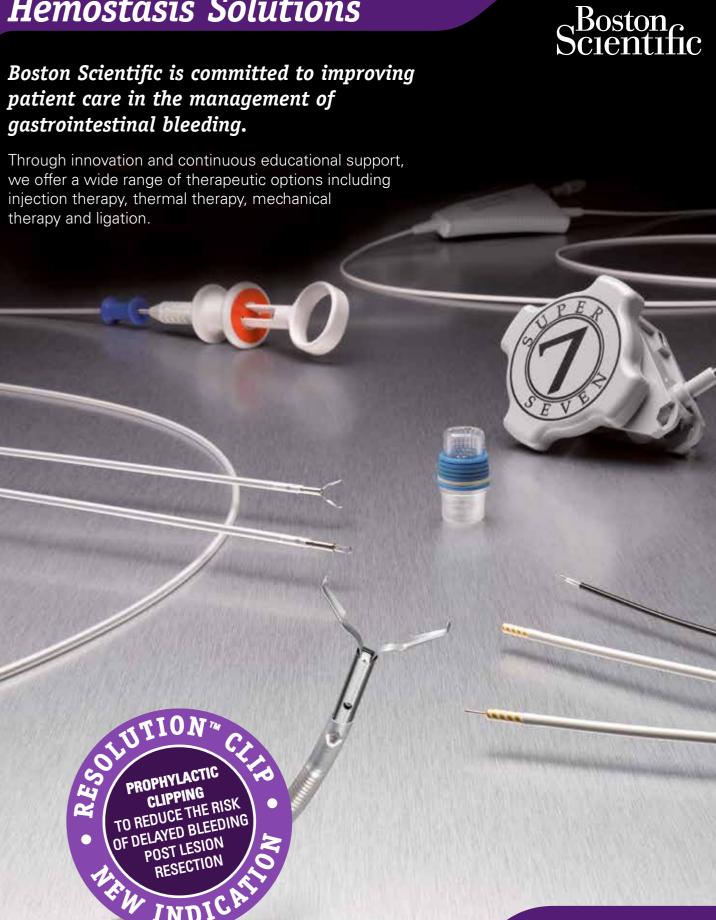
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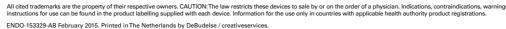
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Hemostasis Solutions

we offer a wide range of therapeutic options including injection therapy, thermal therapy, mechanical therapy and ligation.







Resolution[™] Clip

Hemoclip

RESOLUTION CLIP IS INTENDED TO BE USED FOR*

- Hemostasis within the entire GI tract
- > **NEW** Prophylactic clipping
- Endoscopic marking
- Closure of GI tract luminal perforations
- Anchoring jejunal feeding tubes







REOPENING CAPABILITY

The radiopaque Resolution™ Clip is engineered to enable opening and closing up to 5 times prior to deployment, aiding in repositioning of the clip**



Two Resolution Clips placed on Chronic Gastric Ulcer base***

PROVEN RETENTION PERFORMANCE

- Significantly higher retention rate than competitor clips¹
- Deeper penetration into the tissue portion of the lesion^{2,3}

USER-FRIENDLY HANDLE

Designed to deliver a familiar actuation for opening and closing the jaws. Provides **tactile** and **audible** (1st click, 2nd click) feedback upon closing of jaws, indicating that the clip is being deployed



Intended to grasp a sizeable amount of tissue



OVER-SHEATH GRIP

OVER-SHEATH

"See detailed information in the "Instructions for Use" supplied with the product "Re-opening and closing capability may be limited by clinical circumstances and patient anatomy, among other factors ""Image courtesy of Dennis M. Jensen, MD, CURE DDRC, UCLA & VA Medical Centers, and David Geffen School of Medicine at UCLA

Injection Gold Probe[™]& Gold Probe[™]

Bipolar Electrohemostasis Catheters

PROPRIETARY DISTALTIP DESIGN

- Rounded Gold distal tip is designed to provide excellent conductivity, uniform burn, and effective coagulation in various tip positions
- Precision spacing of electrode pairs helps control coagulation depth

FIRM CATHETER SHAFT FOR TAMPONADE

- Designed to reduce kinking, facilitating advancement and helping to provide better *en face* and tangential tamponade
- Hemoglide coating helps reduce surface friction to facilitate passage through the endoscope



A 10F (3.3 mm) Injection Gold Probe Catheter is used to inject a vasoconstrictor around the vessel.

UNIQUE INTEGRATED INJECTION AND THERMAL HEMOSTASIS CAPABILITIES

- Designed to help reduce catheter exchanges and procedural time
- Engineered for smooth, consistent needle extension, even in difficult endoscope positions
- Integrated irrigation channel with port located distal to generator connectors facilitating manual or mechanical irrigation for visibility



Speedband™ Superview™ Super 7™

Multiple Band Ligator

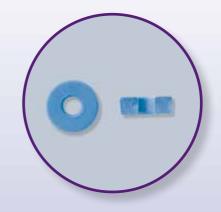
ERGONOMIC HANDLE WITH PRE-LOADED WIRE AND SCOPE FASTENER

- Handle attachment engineered to offer operator comfort
- Audible click, tactile and visual stop to confirm band deployment

CLEAR LIGATING UNIT WITH REAR-MOUNTED BANDS

- Provides excellent visibility for rapid navigation and pathology identification
- Single string deployment allows excellent suction for tissue capture, band placement and band retention
- Alert Band offers a visual clue that only one band remains

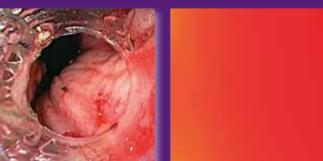




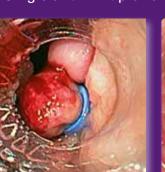
SQUARE MOULDED BANDS

- Ensure consistent shape and reliable performance
- Latex-free material designed to reduce the risk of allergic reactions

Excellent Visibility and Suction



Single and Multiple Variceal Band Ligation





Endoscopic images above courtesy of Prof. Dr. J. Hochberger, University of Erlangen