

## Options

Fully covered, partially covered and uncovered stents in multiple sizes are available to accommodate different anatomical and clinical requirements.

## Options

Order Number	Diameter Nominal (mm)	Length Nominal (mm)	Covered Length (mm) <i>Partially Covered Only</i>	Catheter Diameter (F)	Guidewire Diameter
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### Fully Covered Stents with Permalume™ Covering

M00574800	8	60	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574810	8	80	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576940	8	100	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576950	8	120	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574820	10	40	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574830	10	60	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574840	10	80	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576960	10	100	-	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576970	10	120	-	8.5 F (2.83 mm)	0.035" (0.89 mm)



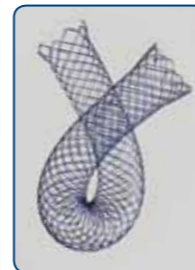
### Partially Covered Stents with Permalume Covering

M00574700	8	60	48	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574710	8	80	68	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576880	8	100	88	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576890	8	120	108	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574720	10	40	28	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574730	10	60	48	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00574740	10	80	68	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576900	10	100	88	8.5 F (2.83 mm)	0.035" (0.89 mm)
M00576910	10	120	108	8.5 F (2.83 mm)	0.035" (0.89 mm)



### Uncovered Stents

M00574620	8	40	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574630	8	60	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574640	8	80	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574650	8	100	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00576920	8	120	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574660	10	40	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574670	10	60	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574680	10	80	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00574690	10	100	-	8.0 F (2.67 mm)	0.035" (0.89 mm)
M00576930	10	120	-	8.0 F (2.67 mm)	0.035" (0.89 mm)

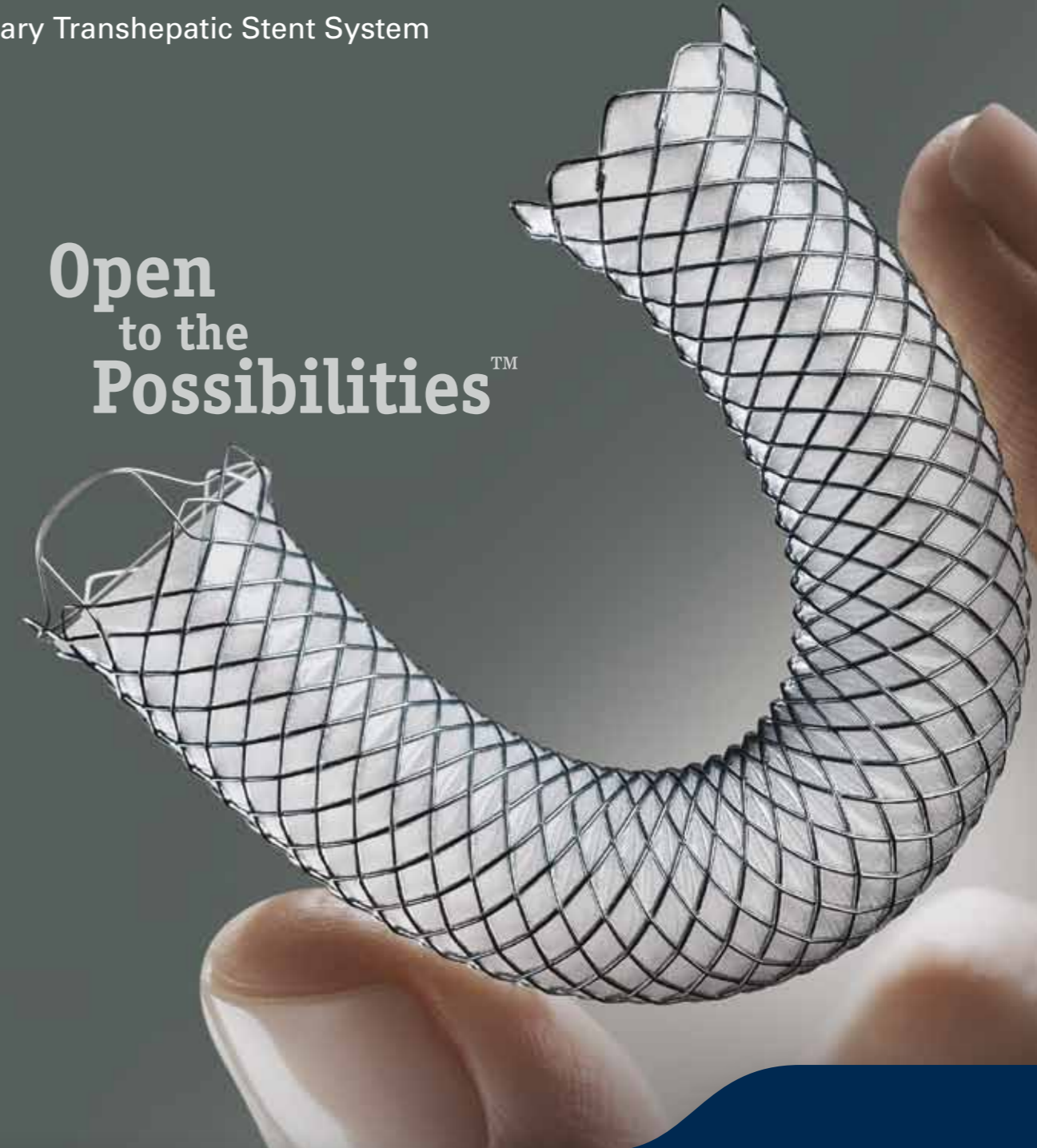


100 and 120mm lengths are manufactured and available on demand only

# WallFlex™

Biliary Transhepatic Stent System

Open  
to the  
Possibilities™



# WallFlex™

## Biliary Transhepatic Stent System

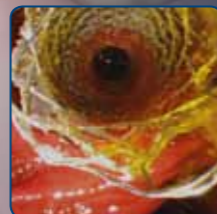
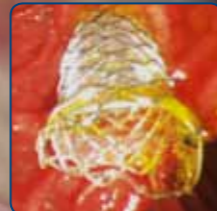
WallFlex Biliary Stents – the most frequently implanted biliary metal stent throughout the U.S., Canada and Europe – are available with a transhepatic delivery system designed specifically to meet the needs of **Interventional Radiologists**. This third-generation stent platform from Boston Scientific was built on clinical evidence and industry-leading innovation.

The WallFlex Stents are available in fully covered, partially covered and uncovered options for the palliative treatment of biliary strictures produced by malignant neoplasms. The fully covered stent is also approved for the treatment of benign biliary strictures.



### Clinical Evidence

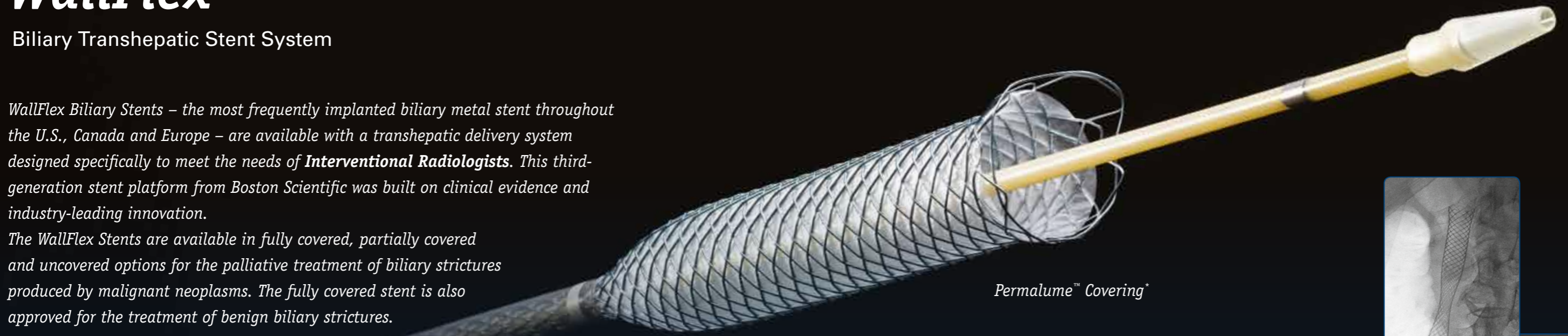
- “The use of self-expanding metal stents (SEMS) was shown in this meta-analysis to provide a survival **advantage when compared to plastic stents**—this has never been shown in individual trials, probably due to insufficient statistical power, but bears significant clinical implications.”<sup>1</sup>
- “In endoscopic stent comparisons, metal biliary stents appear to have a **lower risk of recurrent biliary obstruction** than plastic stents...”<sup>2</sup>
- “...covered SEMS offer **superior patency** compared with uncovered stents.”<sup>3</sup>



#### References:

1. Waschke K.A., Da Silveira E., Toubouti Y., Rahme E., Martel M., Barkun, A. (presenter), Poster MON-E-397, UEGW 2006.
2. Moss A.; Morris E.; MacMathuna P.; Palliative biliary stents for obstructing pancreatic carcinoma. Cochrane Database Systematic Review, 25 January 2006.
3. Kahaleh M., Efficacy and complications of covered Wallstents in malignant distal biliary obstruction. Gastrointestinal Endoscopy, 2005; 61: 528-533.
4. Soderlund K., Linder S.; Covered metal versus plastic stents for malignant common bile duct stenosis: a prospective, randomized, controlled trial. Gastrointestinal Endoscopy, 2006; 63: 986-995

Endoscopic and fluoroscopic images courtesy of Thomas Kowalski, MD.



#### DESIGN FEATURE

#### INTENDED BENEFIT

##### Innovative Stent Design

- Looped and flared stent ends—Designed to reduce risk of tissue trauma and stent migration
- Integrated retrieval loop—Fully covered and partially covered stents<sup>†</sup>
- Closed-cell construction and Permalume Covering\* help resist tissue ingrowth into the stent<sup>2,4</sup>

##### Platinol™ Wire Construction

- Flexible to aid placement in tortuous anatomies\*\*
- Enhanced full-length radiopacity to aid visibility during stent placement
- Platinol™ Wire braid designed to resist compression and maintain stent patency<sup>2,4</sup>

##### Percutaneous Delivery System

- Reconstrainable up to 80 percent of deployment to aid in repositioning<sup>†</sup>
- Coaxial delivery system assists in smooth delivery and control
- Has a 75 cm working length and is compatible with 9 F (3.0 mm) introducer sheath

##### Catheter Markers

- Four radiopaque markers aid in visualization and placement

Note: Required equipment includes 0.035 in (0.89 mm) guidewire of appropriate length.

\* Only for fully covered and partially covered stents.

\*\* Flexibility varies by size of stents.

† The WallFlex Biliary Transhepatic Stent has a retrieval loop for endoscopic removal or repositioning during the initial placement procedure in patients that may have an ERCP performed. Warning: No warranty is made with regard to removability of this device by endoscopic means or otherwise. Indications, contraindications, warnings and instructions for use can be found in the product labeling.

‡ A stent cannot be reconstrained after the reconstraint limit has been exceeded.

