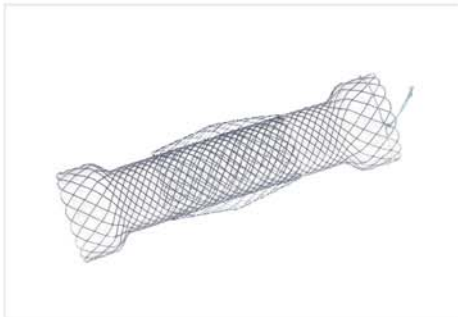
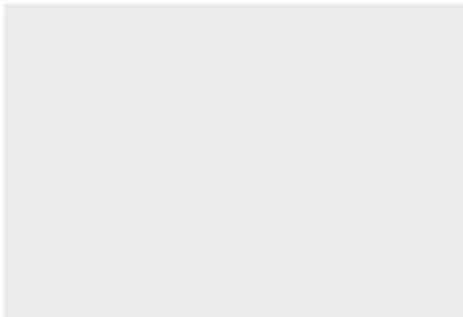
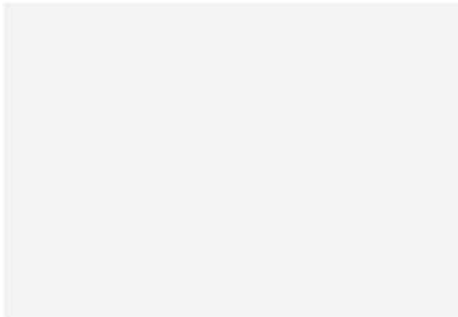


TAEWOONG
NITI-S™



Gastrointestinal Self-expandable Metal Stent

Biliary Stent

04	S Biliary Stent (Uncovered)
06	D Biliary Stent
08	M Biliary Stent
10	LCD™ Biliary Stent
12	S Biliary Stent (Covered)
14	COMVI™ Biliary Stent
16	BUMPY™ Biliary Stent
18	KAFFES™ Biliary Stent
20	GIOBOR™ Biliary Stent
22	NAGI™ Stent
24	SPAXUS™ Stent
26	Short-wire Delivery System

Esophageal Stent

30	S Esophageal Stent
34	DOUBLE™ Esophageal Stent
36	DOUBLE™ Esophageal Stent (Anti-reflux)
38	CERVICAL™ Esophageal Stent
40	CONIO™ Esophageal Stent
42	MEGA™ Esophageal Stent
44	BETA™ Esophageal Stent
46	Various Delivery Systems for Esophageal Stents <ul style="list-style-type: none"> - Proximal Release Delivery System - Through The Scope (TTS) Delivery System

Pyloric/Duodenal Stent

48	D Pyloric/Duodenal Stent
50	S Pyloric/Duodenal Stent
54	COMVI™ Pyloric/Duodenal Stent
56	COMVI™ Pyloric/Duodenal Stent (Flare)

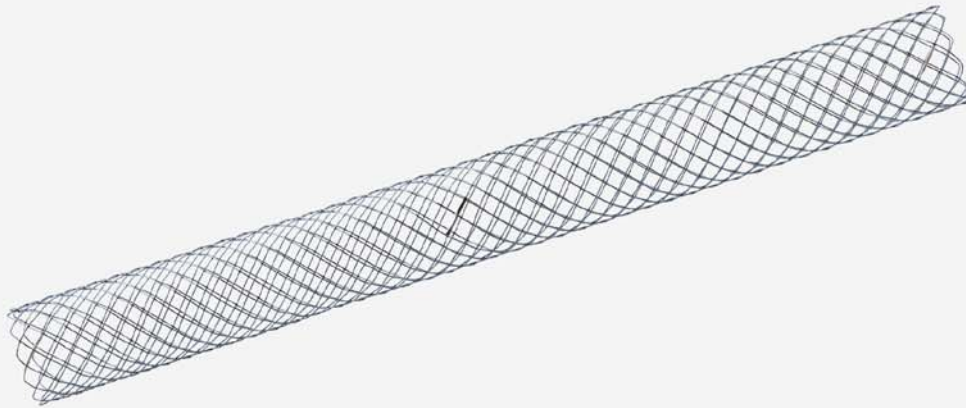
Enteral Colonic Stent

58	D Enteral Colonic Stent
60	S Enteral Colonic Stent
64	COMVI™ Enteral Colonic Stent
66	COMVI™ Enteral Colonic Stent (Flare)



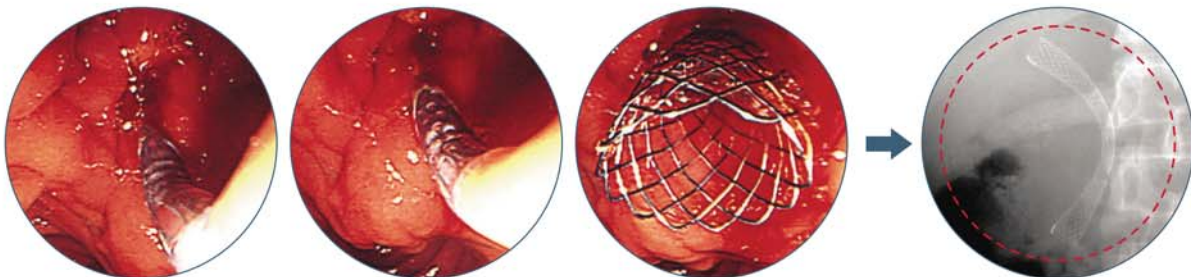
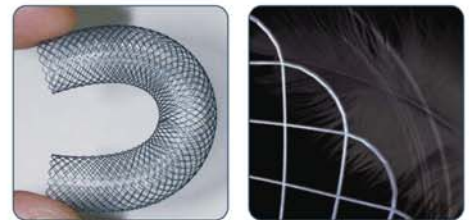
Biliary Stent (Uncovered)

for malignant biliary strictures



FEATURE

- Fixed cell with braided construction
 - Flexible and resistant to fracture
- Atraumatic ends
 - Less hyperplasia at the edges
- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle



[Seoul Baek Hospital, Seoul, Korea]

ORDERING INFORMATION

Endoscopic Approach					Percutaneous Approach										
Code	Stent		Delivery		Code	Stent		Delivery							
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)						
B0604	6	4	7	180	T0604	6	4	7	50						
B0605		5			T0605		5								
B0606		6			T0606		6								
B0607		7			T0607		7								
B0608		8			T0608		8								
B0609		9			T0609		9								
B0610		10			T0610		10								
B0612		12			T0612		12								
B0804		8			4		7			180	T0804	8	4	7	50
B0805					5						T0805		5		
B0806					6						T0806		6		
B0807					7						T0807		7		
B0808	8		T0808	8											
B0809	9		T0809	9											
B0810	10		T0810	10											
B0812	12		T0812	12											
B1004	10	4	7	180	T1004	10	4	7	50						
B1005		5			T1005		5								
B1006		6			T1006		6								
B1007		7			T1007		7								
B1008		8			T1008		8								
B1009		9			T1009		9								
B1010		10			T1010		10								
B1012		12			T1012		12								

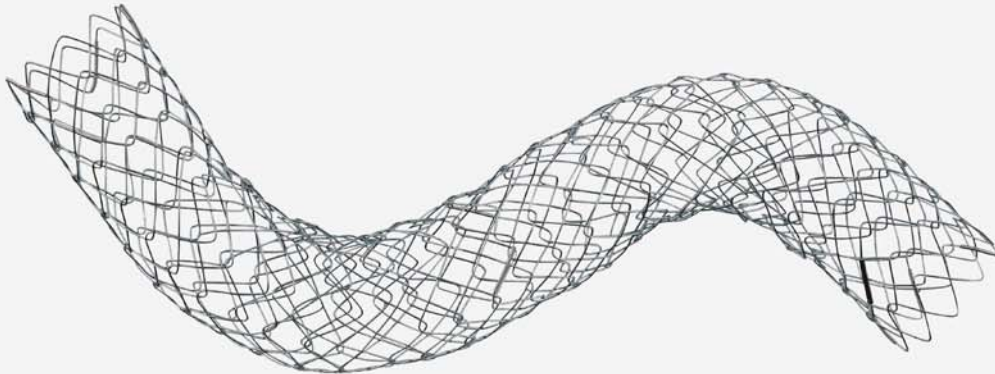
RELEASED ARTICLE

- * Pneumoperitoneum Following percutaneous biliary Intervention : Not Necessarily a Cause for Alarm
by Suraj J. Amonkar et al [Cardiovasc Intervent Radiol. 2008 Mar-Apr;31(2):439-43]
- * Palliation of Malignant Biliary and Duodenal Obstruction with Combined Metallic Stenting
by Devrim Akinci et al [Cardiovasc Intervent Radiol. 2007 Nov-Dec;30(6):1173-7]



Biliary Stent

for malignant biliary strictures



***Available in USA**
(The sizes marked in blue)

FEATURE

- Unfixed cell with weaving construction
 - Low foreshortening for accurate positioning
 - Optimal combination of radial and axial force to maintain luminal patency in tortuous anatomy



- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle

ORDERING INFORMATION

Endoscopic Approach					Percutaneous Approach				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BD0604	6	4	8	180	TD0604	6	4	8	50
BD0605		5			TD0605		5		
BD0606		6			TD0606		6		
BD0607		7			TD0607		7		
BD0608		8			TD0608		8		
BD0609		9			TD0609		9		
BD0610		10			TD0610		10		
BD0612		12			TD0612		12		
BD0804	8	4	8	180	TD0804	8	4	8	50
BD0805		5			TD0805		5		
BD0806		6			TD0806		6		
BD0807		7			TD0807		7		
BD0808		8			TD0808		8		
BD0809		9			TD0809		9		
BD0810		10			TD0810		10		
BD0812		12			TD0812		12		
BD1004	10	4	8	180	TD1004	10	4	8	50
BD1005		5			TD1005		5		
BD1006		6			TD1006		6		
BD1007		7			TD1007		7		
BD1008		8			TD1008		8		
BD1009		9			TD1009		9		
BD1010		10			TD1010		10		
BD1012		12			TD1012		12		

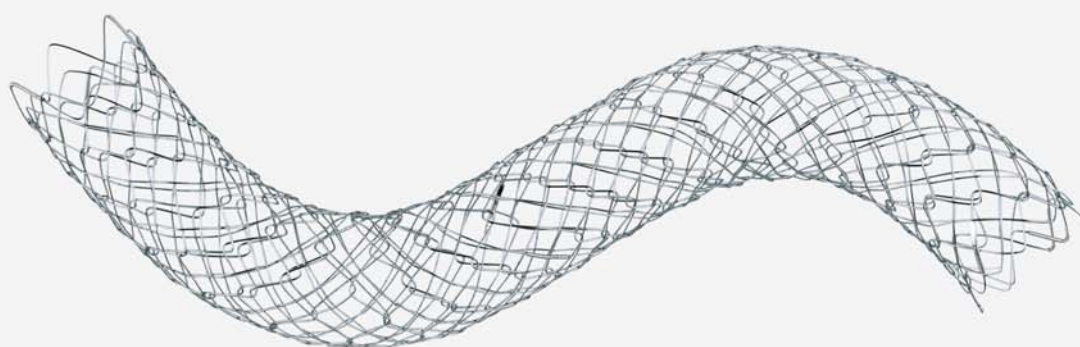
* Available in USA (The sizes marked in blue)

RELEASED ARTICLE

* A comparison of the Niti-D biliary uncovered stent and the uncovered Wallstent in malignant biliary obstruction
by Ki Young Yang, MD et al [Gastrointest Endosc. 2009 Jul;70(1):45-51]

M Biliary Stent

for malignant biliary strictures



FEATURE

- **Braided and weaving construction**
 - 7Fr low profile delivery system with high conformability
 - Low foreshortening for accurate positioning
 - Facilitates stent insertion into severe biliary obstruction
- **Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle**

7Fr low profile delivery system



ORDERING INFORMATION

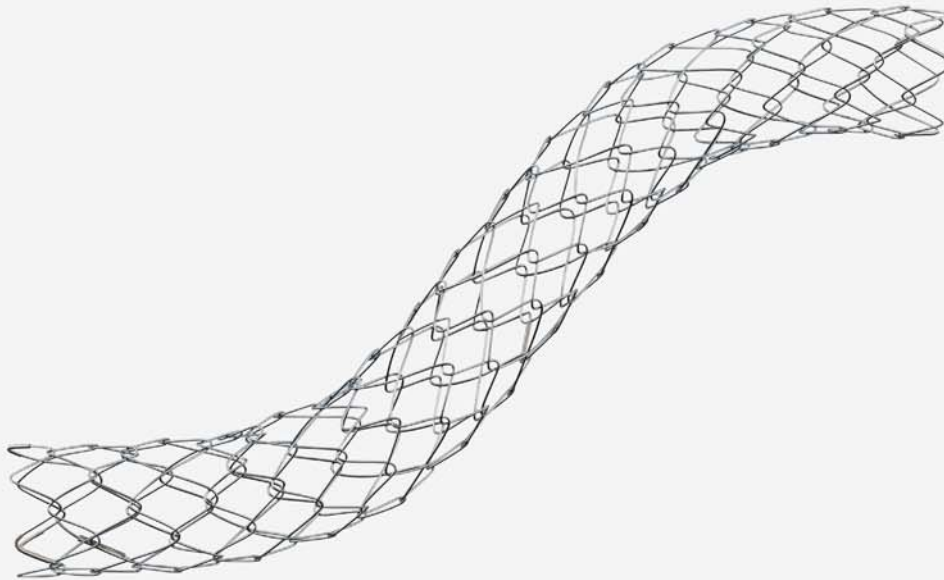
Endoscopic Approach					
Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BN0604	6	4	7	180	
BN0605		5			
BN0606		6			
BN0607		7			
BN0608		8			
BN0609		9			
BN0610		10			
BN0612		12			
BN0804		8			4
BN0805					5
BN0806					6
BN0807					7
BN0808	8				
BN0809	9				
BN0810	10				
BN0812	12				
BN1004	10	4			
BN1005		5			
BN1006		6			
BN1007		7			
BN1008		8			
BN1009		9			
BN1010		10			
BN1012		12			

Percutaneous Approach					
Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
TN0604	6	4	7	50	
TN0605		5			
TN0606		6			
TN0607		7			
TN0608		8			
TN0609		9			
TN0610		10			
TN0612		12			
TN0804		8			4
TN0805					5
TN0806					6
TN0807					7
TN0808	8				
TN0809	9				
TN0810	10				
TN0812	12				
TN1004	10	4			
TN1005		5			
TN1006		6			
TN1007		7			
TN1008		8			
TN1009		9			
TN1010		10			
TN1012		12			



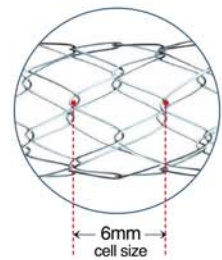
Biliary Stent

for hilar obstruction



FEATURE

- Unfixed large cell (each cell size: 6mm) with weaving construction
- Easy positioning of the second stent: The large cell size design of LCD™ enables to position the second stent conveniently



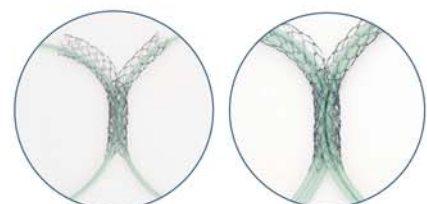
2 stents insertion



3 stents insertion

by Hirofumi Kogure et al [Dig Endosc. 2014 Jan;26(1):93-9]

- Simple and easy reintervention: Reintervention through the large cell is easily performed, even after bilateral stent placement
- Low axial force and optimal radial force: Improve patients comfort and adapt to hilar biliary anatomy



Plastic stents can be inserted easily through the interstices

- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle

ORDERING INFORMATION

Endoscopic Approach					Percutaneous Approach				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BLD0604	6	4	8	180	TLD0604	6	4	8	50
BLD0605		5			TLD0605		5		
BLD0606		6			TLD0606		6		
BLD0607		7			TLD0607		7		
BLD0608		8			TLD0608		8		
BLD0609		9			TLD0609		9		
BLD0610		10			TLD0610		10		
BLD0804	8	4	8	180	TLD0804	8	4	8	50
BLD0805		5			TLD0805		5		
BLD0806		6			TLD0806		6		
BLD0807		7			TLD0807		7		
BLD0808		8			TLD0808		8		
BLD0809		9			TLD0809		9		
BLD0810		10			TLD0810		10		
BLD0812	12	TLD0812	12						
BLD1004	10	4	8	180	TLD1004	10	4	8	50
BLD1005		5			TLD1005		5		
BLD1006		6			TLD1006		6		
BLD1007		7			TLD1007		7		
BLD1008		8			TLD1008		8		
BLD1009		9			TLD1009		9		
BLD1010		10			TLD1010		10		
BLD1012	12	TLD1012	12						

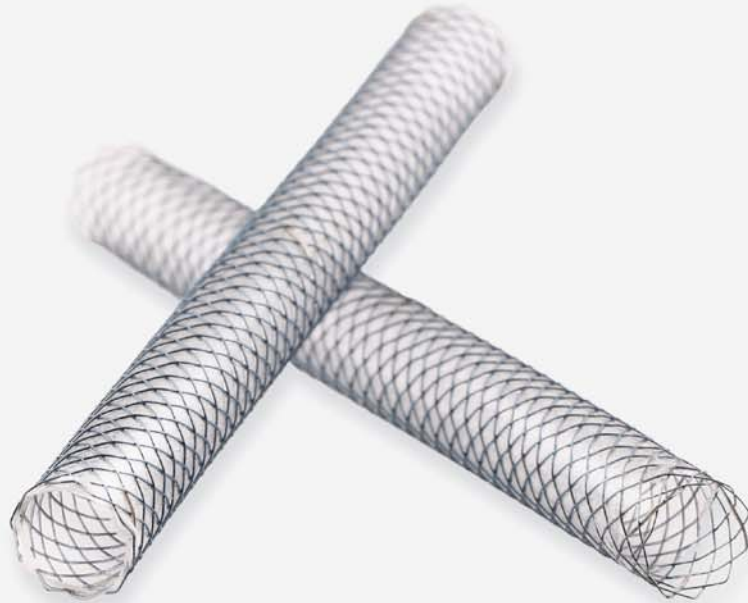
RELEASED ARTICLE

- * Small cell-versus large cell-sized metal stent in endoscopic bilateral stent-in-stent placement for malignant hilar biliary obstruction
by Jae Min Lee et al [Dig Endosc. 2015 Sep;27(6):692-9]
- * 8-mm versus 10-mm diameter self-expandable metallic stent in bilateral endoscopic stent-in-stent deployment for malignant hilar biliary obstruction
by Itaru Naitoh et al [J Hepatobiliary Pancreat Sci. 2015 May;22(5):396-401]
- * High single-session success rate of endoscopic bilateral stent-in-stent placement with modified large cell Niti-S stents for malignant hilar biliary obstruction
by Hirofumi Kogure et al [Dig Endosc. 2014 Jan;26(1):93-9]
- * Comparison of axial force and cell width of self-expandable metallic stents: which type of stent is better suited for hilar biliary strictures?
by Tsuyoshi Mukai et al [J Hepatobiliary Pancreat Sci. 2011 Sep;18(5):646-52]
- * Newly designed large cell Niti-S stent for malignant hilar biliary obstruction : a pilot study
by Hirofumi Kogure et al [Surg Endosc. 2011 Feb;25(2):463-7]



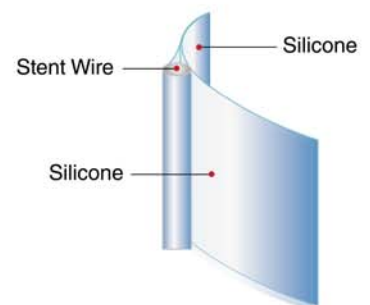
Biliary Stent (Covered)

for benign and malignant biliary strictures



FEATURE

- Fixed cell with braided construction
 - Flexible and resistant to fracture
- Atraumatic ends
 - Less hyperplasia at the edges
- Silicone covering on both inner and outer surface
 - Prevent the risk of tumor ingrowth
 - Help smooth bile flow
- Retrieval string facilitates safe and smooth removal



- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle

ORDERING INFORMATION

Endoscopic Approach

► Fully covered

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BS0604F	6	4	8.5	180	
BS0605F		5			
BS0606F		6			
BS0607F		7			
BS0608F		8			
BS0609F		9			
BS0610F		10			
BS0612F		12			
BS0804F		8			4
BS0805F					5
BS0806F	6				
BS0807F	7				
BS0808F	8				
BS0809F	9				
BS0810F	10				
BS0812F	12				
BS1004F	10	4			
BS1005F		5			
BS1006F		6			
BS1007F		7			
BS1008F		8			
BS1009F		9			
BS1010F		10			
BS1012F		12			

Percutaneous Approach

► Fully covered

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
TS0604F	6	4	8.5	50	
TS0605F		5			
TS0606F		6			
TS0607F		7			
TS0608F		8			
TS0609F		9			
TS0610F		10			
TS0612F		12			
TS0804F		8			4
TS0805F					5
TS0806F	6				
TS0807F	7				
TS0808F	8				
TS0809F	9				
TS0810F	10				
TS0812F	12				
TS1004F	10	4			
TS1005F		5			
TS1006F		6			
TS1007F		7			
TS1008F		8			
TS1009F		9			
TS1010F		10			
TS1012F		12			

Endoscopic Approach

► Both ends 5mm bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BS0604B	6	4	8	180	
BS0605B		5			
BS0606B		6			
BS0607B		7			
BS0608B		8			
BS0609B		9			
BS0610B		10			
BS0612B		12			
BS0804B		8			4
BS0805B					5
BS0806B	6				
BS0807B	7				
BS0808B	8				
BS0809B	9				
BS0810B	10				
BS0812B	12				
BS1004B	10	4			
BS1005B		5			
BS1006B		6			
BS1007B		7			
BS1008B		8			
BS1009B		9			
BS1010B		10			
BS1012B		12			

Percutaneous Approach

► Both ends 5mm bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
TS0604B	6	4	8	50	
TS0605B		5			
TS0606B		6			
TS0607B		7			
TS0608B		8			
TS0609B		9			
TS0610B		10			
TS0612B		12			
TS0804B		8			4
TS0805B					5
TS0806B	6				
TS0807B	7				
TS0808B	8				
TS0809B	9				
TS0810B	10				
TS0812B	12				
TS1004B	10	4			
TS1005B		5			
TS1006B		6			
TS1007B		7			
TS1008B		8			
TS1009B		9			
TS1010B		10			
TS1012B		12			

RELEASED ARTICLE

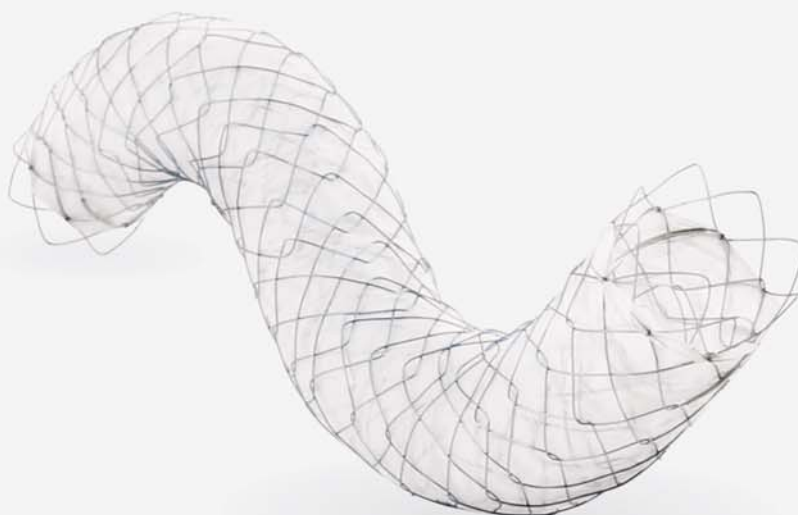
* Clinical Outcome of Endoscopic Ultrasound-Guided Liver Abscess Drainage Using Self-Expandable Covered Metallic Stent (with Video)

by Takeshi Ogura et al [Dig Dis Sci. 2016 Jan;61(1):303-8]

* Polyurethane-Covered Self-Expandable Nitinol Stent for Malignant Biliary Obstruction: Preliminary Results

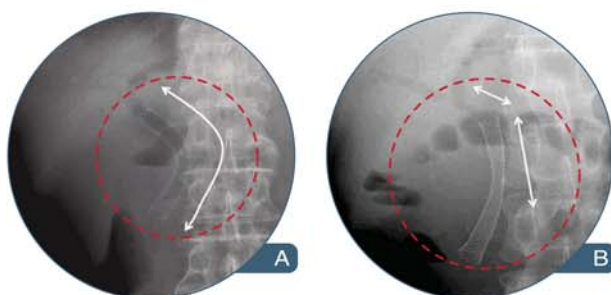
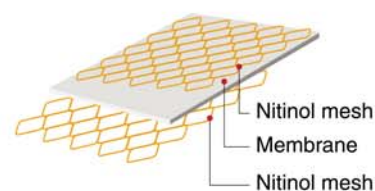
by Young-Min Han et al [Cardiovasc Intervent Radiol. 2002 Sep-Oct;25(5):381-7]

for malignant biliary obstruction



FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between inner and outer mesh
 - Unfixed cell structure enables stent to conform to the shape of bile duct
 - PTFE membrane prevents risk of tissue invasion
 - Outer wire mesh prevents the risk of migration
- **Minimum foreshortening** for accurate stent placement
- **Radiopaque marker:** 4 (four) at both covered part ends



Plane abdominal x-ray 1 week after stent insertion

- A. The COMVI™ stent conforms to the shape of the bile duct
- B. The covered Wallstent does not fit the tortuous bile duct

[Surg Endosc. 2010 Jan;24(1): 131-7]

ORDERING INFORMATION

Endoscopic Approach							
► Fully covered							
Code	Stent		Delivery				
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)			
BC0604F	6	4	8	180			
BC0605F		5					
BC0606F		6					
BC0607F		7					
BC0608F		8					
BC0609F		9					
BC0610F		10					
BC0612F		12					
BC0804F		8			4	8	180
BC0805F					5		
BC0806F					6		
BC0807F					7		
BC0808F	8						
BC0809F	9						
BC0810F	10						
BC0812F	12						
BC1004F	10		4	8	180		
BC1005F			5				
BC1006F			6				
BC1007F			7				
BC1008F		8					
BC1009F		9					
BC1010F		10					
BC1012F		12					

Percutaneous Approach							
► Fully covered							
Code	Stent		Delivery				
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)			
TC0604F	6	4	8	50			
TC0605F		5					
TC0606F		6					
TC0607F		7					
TC0608F		8					
TC0609F		9					
TC0610F		10					
TC0612F		12					
TC0804F		8			4	8	50
TC0805F					5		
TC0806F					6		
TC0807F					7		
TC0808F	8						
TC0809F	9						
TC0810F	10						
TC0812F	12						
TC1004F	10		4	8	50		
TC1005F			5				
TC1006F			6				
TC1007F			7				
TC1008F		8					
TC1009F		9					
TC1010F		10					
TC1012F		12					

Endoscopic Approach							
► Both ends 5mm bare							
Code	Stent		Delivery				
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)			
BC0604B	6	4	8	180			
BC0605B		5					
BC0606B		6					
BC0607B		7					
BC0608B		8					
BC0609B		9					
BC0610B		10					
BC0612B		12					
BC0804B		8			4	8	180
BC0805B					5		
BC0806B					6		
BC0807B					7		
BC0808B	8						
BC0809B	9						
BC0810B	10						
BC0812B	12						
BC1004B	10		4	8	180		
BC1005B			5				
BC1006B			6				
BC1007B			7				
BC1008B		8					
BC1009B		9					
BC1010B		10					
BC1012B		12					

Percutaneous Approach							
► Both ends 5mm bare							
Code	Stent		Delivery				
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)			
TC0604B	6	4	8	50			
TC0605B		5					
TC0606B		6					
TC0607B		7					
TC0608B		8					
TC0609B		9					
TC0610B		10					
TC0612B		12					
TC0804B		8			4	8	50
TC0805B					5		
TC0806B					6		
TC0807B					7		
TC0808B	8						
TC0809B	9						
TC0810B	10						
TC0812B	12						
TC1004B	10		4	8	50		
TC1005B			5				
TC1006B			6				
TC1007B			7				
TC1008B		8					
TC1009B		9					
TC1010B		10					
TC1012B		12					

RELEASED ARTICLE

- * Prospective evaluation of the partially covered nitinol "COMVI™" stent for malignant non hilar biliary obstruction
by Vincenzo Perri et al [Dig Liver Dis. 2013 Apr;45(4):305-9]
- * Measurement of radial and axial forces of biliary self-expandable metallic stents
by Hiroyuki Isayama, MD, PhD et al [Gastrointest Endosc. 2009 Jul;70(1):37-44. doi: 10.1016]
- * Management of distal malignant biliary obstruction with the Comvi stent, a new covered metallic stent
by Hiroyuki Isayama et al [Surg Endosc. 2010 Jan;24(1):131-7]

BUMPY™

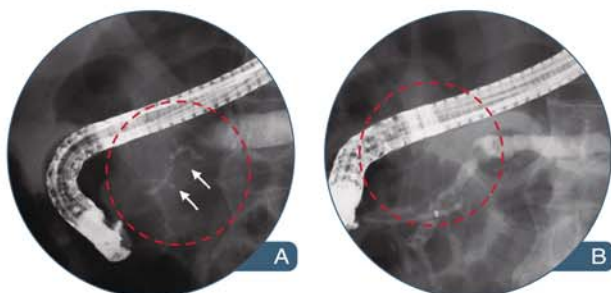
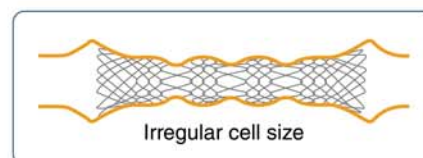
Biliary/Pancreatic Stent

for benign biliary and pancreatic strictures



FEATURE

- **Safety:** Irregular cell sizes of segmental radial force does not completely compress the side branches for preventing stent related pancreatic sepsis or pancreatitis
- **Easy removal:** Fully PTFE (body portion) and silicone (both flared ends) covered design along with removal string at the proximal end of the stent lead to easy removal
- **Antimigration:** Both flared ends prevent the risk of migration
- **Radiopaque marker:** 3 (three) at both ends & 2 (two) in the middle



A. Tight pancreatic duct stricture in the pancreatic head
B. After 3month, Resolution of the pancreatic duct stricture
by Sung-Hoon Moon, MD et al [Gastrointest Endosc. 2010 Jul;72(1):86-91]

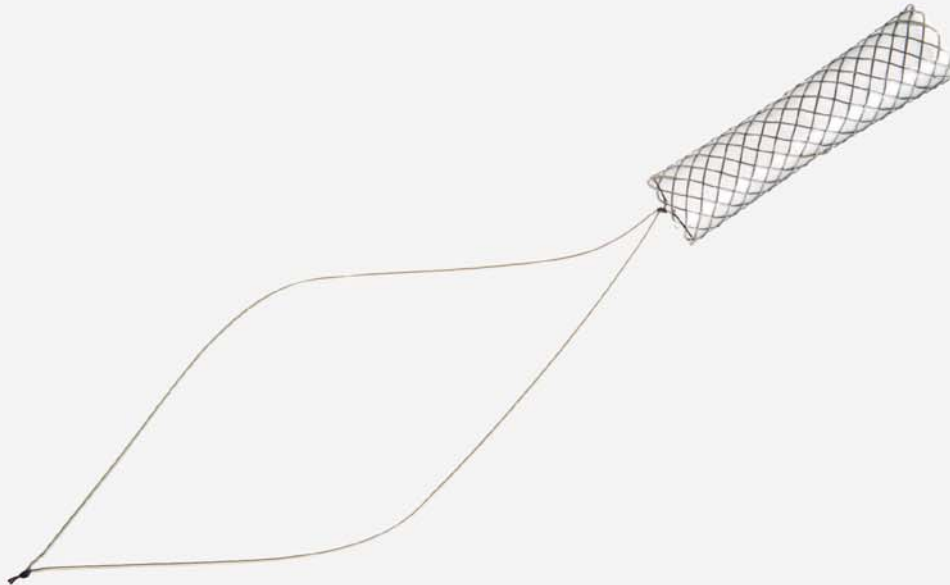
ORDERING INFORMATION

Endoscopic Approach					Percutaneous Approach										
Code	Stent		Delivery		Code	Stent		Delivery							
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)						
BK0604CW	6	4	8.5	180	TK0604CW	6	4	8.5	50						
BK0605CW		5			TK0605CW		5								
BK0606CW		6			TK0606CW		6								
BK0607CW		7			TK0607CW		7								
BK0608CW		8			TK0608CW		8								
BK0609CW		9			TK0609CW		9								
BK0610CW		10			TK0610CW		10								
BK0612CW		12			TK0612CW		12								
BK0804CW		8			4		8.5			180	TK0804CW	8	4	8.5	50
BK0805CW					5						TK0805CW		5		
BK0806CW	6		TK0806CW	6											
BK0807CW	7		TK0807CW	7											
BK0808CW	8		TK0808CW	8											
BK0809CW	9		TK0809CW	9											
BK0810CW	10	10	8.5	180	TK0810CW	10	10	8.5	50						
BK0812CW		12			TK0812CW		12								
BK1004CW		4			TK1004CW		4								
BK1005CW		5			TK1005CW		5								
BK1006CW	10	6	8.5	180	TK1006CW	10	6	8.5	50						
BK1007CW		7			TK1007CW		7								
BK1008CW		8			TK1008CW		8								
BK1009CW		9			TK1009CW		9								
BK1010CW		10			TK1010CW		10								
BK1012CW		12			TK1012CW		12								

RELEASED ARTICLE

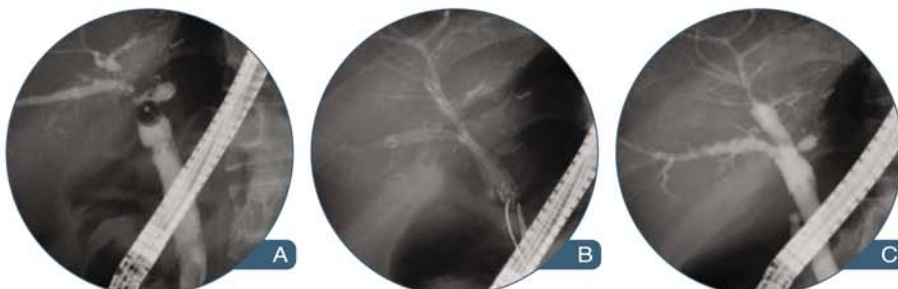
- * A fully covered self-expandable metal stent with antimigration features for benign biliary strictures: a prospective, multicenter cohort study by Daisy Walter et al [Gastrointest Endosc. 2015 May;81(5):1197-203]
- * Fully covered self-expandable metallic stents in benign biliary strictures: A multicenter study on efficacy and safety by I. Tarantino et al [Endoscopy. 2012 Oct;44(10):923-7]
- * Modified fully covered self-expandable metal stents with antimigration features for benign pancreatic-duct strictures in advanced chronic pancreatitis, with a focus on the safety profile and reducing migration by Sung-Hoon Moon, MD et al [Gastrointest Endosc. 2010 Jul;72(1):86-91]
- * Feasibility and safety of placement of a newly designed, fully covered self-expandable metal stent for refractory benign pancreatic ductal strictures: a pilot study by Do Hyun Park, MD, PhD et al [Gastrointest Endosc. 2008 Dec;68(6):1182-9. doi: 10.1016]

for anastomotic strictures after liver transplantation



FEATURE

- **Characteristic waist at mid-portion of the stent:** Waist shape of the stent allows strong radial force and preventing migration
- **Short length of stent:** Using a short stent across the stricture prevents to impart pressure over a large area of normal duct by reducing the potential risk of necrosis and fibrosis
- **Long platinum radiopaque retrieval string:** The long platinum string helps easy removal from the high up location of CBD
- **Radiopaque marker:** 3 (three) at both ends & 2 (two) in the middle



A. The cholangiogram shows multiple anastomotic strictures at the posterior and inferior intrahepatic ducts.
B. The FCSEMSs (KAFFES™) are inserted sequentially into the stricture sites.
C. The cholangiogram demonstrates resolution of the multiple strictures.

by Sung Ill Jang et al [Therap Adv Gastroenterol. 2017 Mar; 10(3): 297–309]

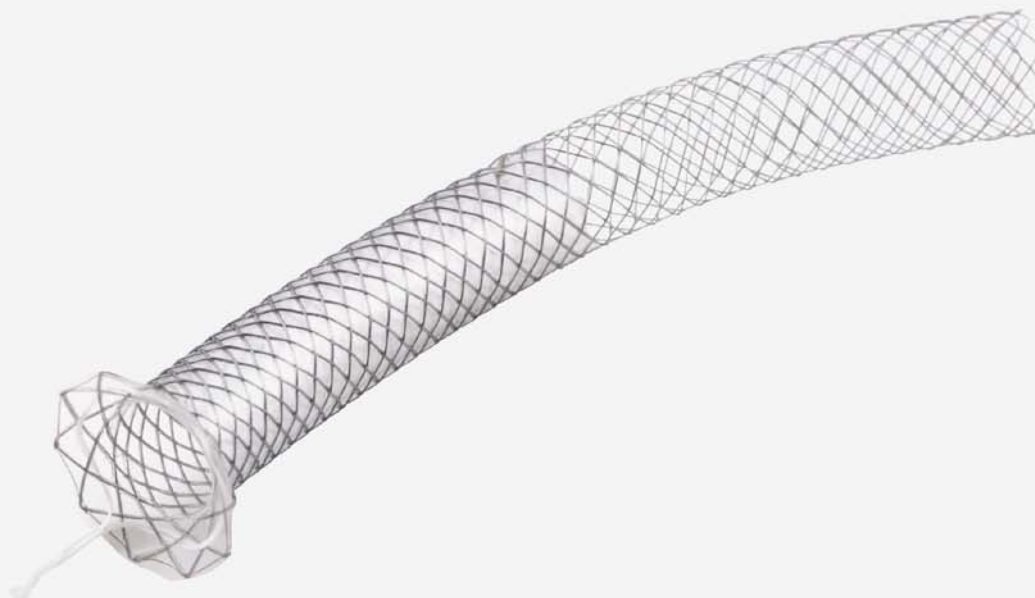
ORDERING INFORMATION

Endoscopic Approach					Percutaneous Approach						
Code	Stent		Delivery		Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		
BS0604F2	6	4	8.5	180	TS0604F2	6	4	8.5	50		
BS0605F2		5			TS0605F2		5				
BS0606F2		6			TS0606F2		6				
BS0607F2		7			TS0607F2		7				
BS0608F2		8			TS0608F2		8				
BS0804F2	8	4			9	TS0804F2	8			4	9
BS0805F2		5				TS0805F2				5	
BS0806F2		6				TS0806F2				6	
BS0807F2		7	TS0807F2			7					
BS0808F2		8	TS0808F2			8					
BS1004F2	10	4	9			TS1004F2	10	4		9	
BS1005F2		5				TS1005F2		5			
BS1006F2		6				TS1006F2		6			
BS1007F2		7		TS1007F2		7					
BS1008F2		8		TS1008F2		8					

RELEASED ARTICLE

- * Salvage therapy using self-expandable metal stents for recalcitrant anastomotic strictures after living-donor liver transplantation
by Sung Ill Jang et al [Therap Adv Gastroenterol. 2017 Mar; 10(3): 297-309]
- * A randomized trial of a fully covered self-expandable metallic stent versus plastic stents in anastomotic biliary strictures after liver transplantation
by Arthur Kaffes et al [Therap Adv Gastroenterol. 2014 Mar;7(2):64-71]
- * Fully covered self-expandable metal stents for treatment of benign biliary strictures
by Arthur J. Kaffes et al [Gastrointest Endosc. 2013 Jul;78(1):13-21. doi: 10.1016]
- * Placement of removable metal biliary stent in post-orthotopic liver transplantation anastomotic stricture
by Hoi-Poh Tee et al [World J Gastroenterol. 2010 Jul 28;16(28):3597-600]

for EUS-guided hepaticogastrostomy

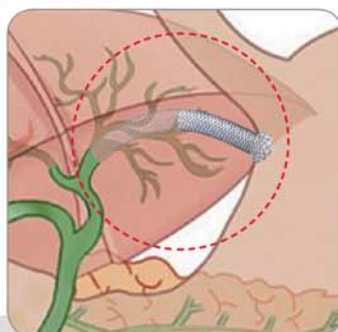
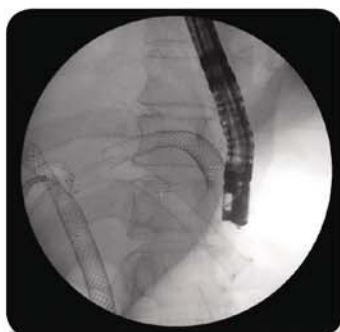


FEATURE

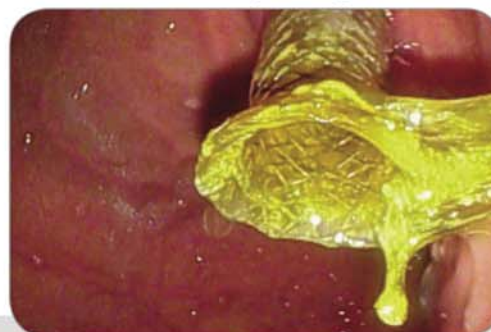
- Half covered and Half uncovered design
 - (1) Covered part: Bridge from left hepatic duct to the stomach & Prevent leakage
 - Flared end placed out of stomach wall preventing migration
 - (2) Uncovered part : Avoid side branch blocking & Prevent migration
- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle



Fluoroscopic Image



Endoscopic Image



Flexible design greatly conforms to the curved track from stomach to left hepatic duct

[Dr. Marc Giovannini (Chef du Service d'Endoscopie, Institut Paoli-Calmettes, Marseille, France)]

ORDERING INFORMATION

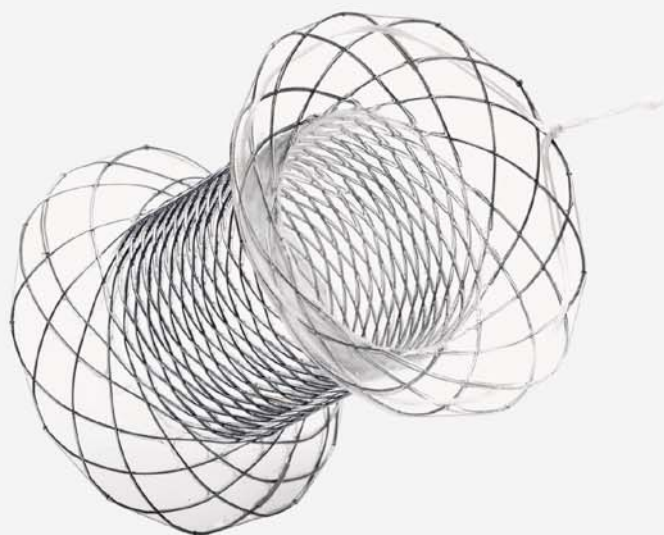
Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BS0808FP	8	8	8.5	180
BS0810FP		10		
BS1008FP	10	8		
BS1010FP		10		

RELEASED ARTICLE

* Feasibility of endoscopic ultrasound-guided hepaticogastrostomy in a patient with previous astric banding
 by D. Galasso, MD et al [Endoscopy 2013;45: E233-E234]

NAGI™ Stent

for pancreatic pseudocyst drainage

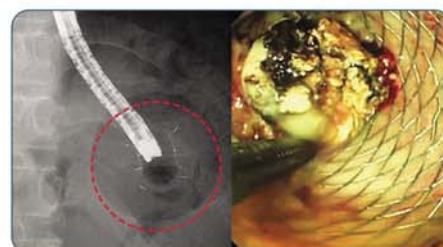


FEATURE

- **Wide and smooth flare edges**
 - Prevent the risk of migration and possibility of stent related luminal damages
- **Available in various diameters (Up to 16mm)**
 - Optimize drainage and provide enough path for following necrosectomy in case
- **Retrieval String** for repositioning or easy removal
- **Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle**



A large amount of pus came out through the stent



Conventional upper GI endoscope advances into the pseudocyst through the stent. Then performing of necrosectomy is using the snare forceps

[J Hepatobiliary Pancreat Sci. 2013 Mar;20(3):403-6]



An endoscopic approach that uses this new FCSEMS (NAGI™) is feasible in the treatment of PFCs of both pancreatic pseudocysts and walled-off pancreatic necrosis

◀ Placement of a transnasal drainage tube for irrigation and direct endoscopic necrosectomy through the stent

by Naysuyo Yamamoto, MD [Gastrointest Endosc. 2013 May;77(5):809-14]

ORDERING INFORMATION

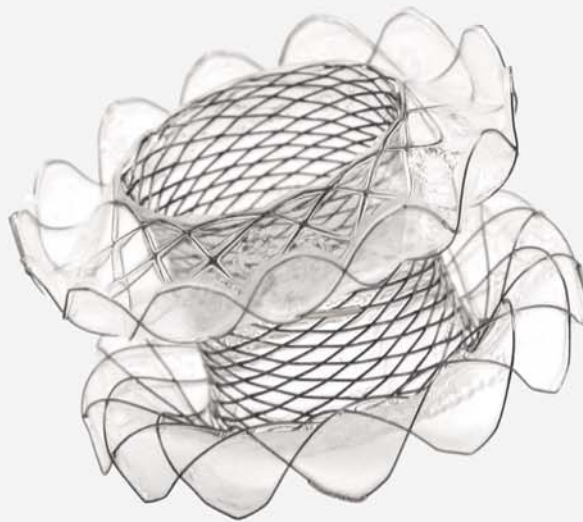
Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
BS1001FW	10	1	9	180
BS1002FW		2		
BS1003FW		3		
BS1201FW	12	1		
BS1202FW		2		
BS1203FW		3		
BS1402FW	14	2	10	
BS1403FW		3		
BS1602FW	16	2		
BS1603FW		3		

RELEASED ARTICLE

- * Endoscopic "step-up approach" using a dedicated biflanged metal stent reduces the need for direct necrosectomy in walled-off necrosis (with videos) by Sundeep Lakhtakia, DM et al [Gastrointest Endosc. 2016 Nov 11. pii: S0016-5107(16)30735-0]
- * Endoscopic therapy for infected pancreatic necrosis using fully covered self-expandable metal stents: combination of transluminal necrosectomy, transluminal and percutaneous drainage by D. Albers et al [Z Gastroenterol. 2016 Jan;54(1):26-30]
- * EUS-guided pseudocyst drainage: prospective evaluation of early removal of fully covered self-expandable metal stents with pancreatic ductal stenting in selected patients by Vinay Dhir et al [Gastrointest Endosc. 2015 Oct;82(4):650-7; quiz 718.e1-5]
- * Clinical evaluation of endoscopic ultrasonography-guided drainage using a novel flared-type biflanged metal stent for pancreatic fluid collection by Shuntaro Mukai et al [Endosc Ultrasound. 2015 Apr-Jun;4(2):120-5]
- * EUS-guided drainage of hepatic abscess and infected biloma using short and long metal stents by Ryosuke Tono-zuka, MD [Gastrointest Endosc. 2015;81(6):1463-9]
- * First report of endoscopic ultrasound-guided cholecystogastrostomy with a Nagi covered metal stent for palliation of jaundice in extrahepatic biliary obstruction by Praveer Rai et al [Endoscopy. 2014;46 Suppl 1 UCTN:E334-5]
- * Preliminary report on a new, fully covered, metal stent designed for the treatment of pancreatic fluid collections by Naysuyo Yamamoto, MD et al [Gastrointest Endosc. 2013 May;77(5):809-14]

SPAXUS™ Stent

for pancreatic pseudocyst or gallbladder drainage



Lumen-apposing SPAXUS™ Stent


- Prevents migration and maintains lumen apposition
- Fully silicone coating prevents leakage and in-growth
- Flexible design helps accommodative apposition regardless of wall thickness
- 8, 10, 16mm diameters enable to apply various indications



User friendly designed SPAXUS™ Delivery system

- Step1. When the outer X-ray marker overlaps with the inner X-ray marker
→ Distal flange is completely opened
- Step2. When the blue marker is visible under endoscopic view
→ Start opening proximal flange

ORDERING INFORMATION

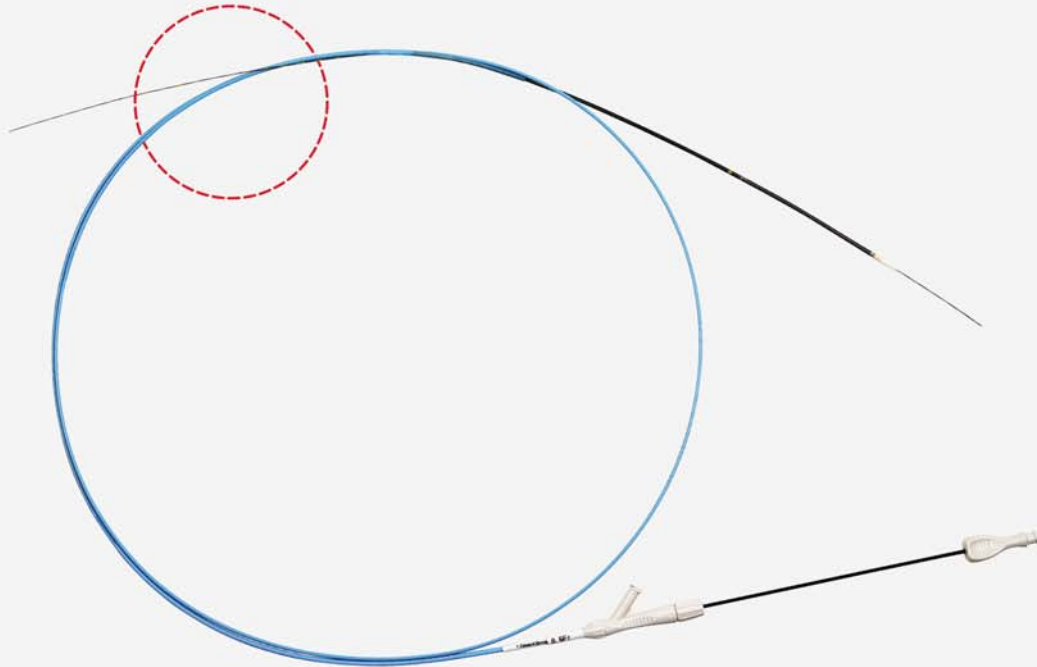
Endoscopic Approach						
Products	Code	Stent			Delivery	
		Body Diameter (mm)	Flare Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
	SS0802FW	8	23	2	10	180
	SS1002FW	10	25			
	SS1602FW	16	31			

RELEASED ARTICLE

* A Newly designed fully covered metal stent for lumen apposition in EUS-guided drainage and access: a feasibility study
by Jong H.Moon et al [Gastrointest Endosc 2014;79:990-995]

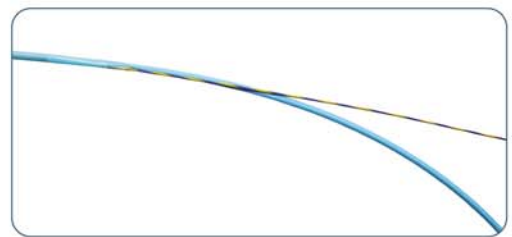
* Novel EUS-guided gastrojejunostomy technique using a new double-balloon enteric tube and lumen-apposing metal stent
by Takao Itoi et al [Gastrointest Endosc 2013;78:934-939]

Short-wire Delivery System



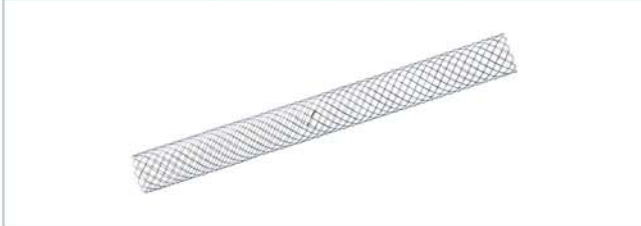
Time saving, Easy controlling

- Time saving during device exchanges and therapeutic maneuvers
- Reduction of fluoroscopy exposure time
- Maintaining the access
- Less dependence on a well-trained assistant
- Easy control of the guidewire

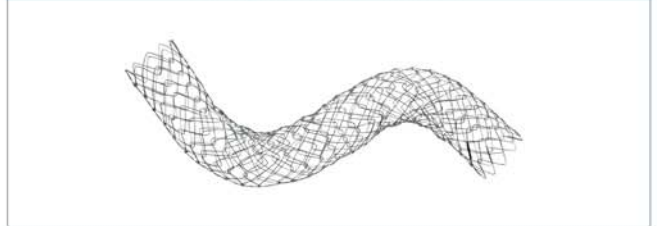


ORDERING INFORMATION

S Biliary Stent (Uncovered)



D Biliary Stent (Uncovered)

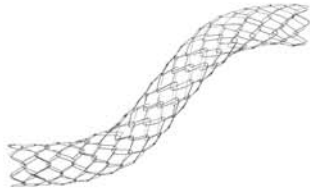


Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BM0604	6	4	8.5	180	
BM0605		5			
BM0606		6			
BM0607		7			
BM0608		8			
BM0609		9			
BM0610		10			
BM0612		12			
BM0804		8			4
BM0805					5
BM0806	6				
BM0807	7				
BM0808	8				
BM0809	9				
BM0810	10				
BM0812	12				
BM1004	10	4			
BM1005		5			
BM1006		6			
BM1007		7			
BM1008		8			
BM1009		9			
BM1010		10			
BM1012		12			

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BDM0604	6	4	8.5	180	
BDM0605		5			
BDM0606		6			
BDM0607		7			
BDM0608		8			
BDM0609		9			
BDM0610		10			
BDM0612		12			
BDM0804		8			4
BDM0805					5
BDM0806	6				
BDM0807	7				
BDM0808	8				
BDM0809	9				
BDM0810	10				
BDM0812	12				
BDM1004	10	4			
BDM1005		5			
BDM1006		6			
BDM1007		7			
BDM1008		8			
BDM1009		9			
BDM1010		10			
BDM1012		12			

ORDERING INFORMATION

LCD™ Biliary Stent (Uncovered)



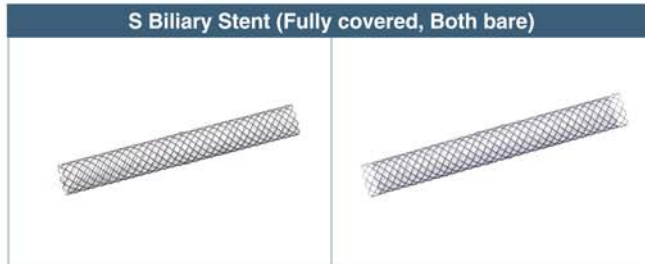
Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BLDM0604	6	4	8.5	180	
BLDM0605		5			
BLDM0606		6			
BLDM0607		7			
BLDM0608		8			
BLDM0609		9			
BLDM0610		10			
BLDM0804		8			4
BLDM0805					5
BLDM0806					6
BLDM0807	7				
BLDM0808	8				
BLDM0809	9				
BLDM0810	10				
BLDM0812	12				
BLDM1004	10	4			
BLDM1005		5			
BLDM1006		6			
BLDM1007		7			
BLDM1008		8			
BLDM1009		9			
BLDM1010		10			
BLDM1012		12			

BUMPY™ Biliary Stent (Fully covered)

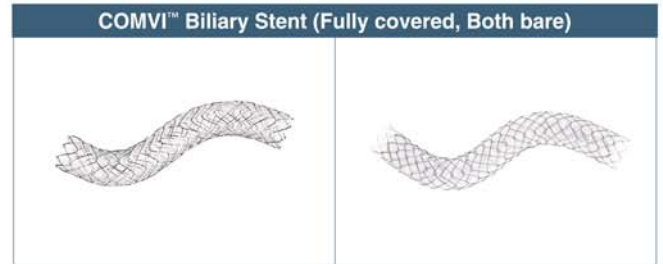


Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BKM0604CW	6	4	8.5	180	
BKM0605CW		5			
BKM0606CW		6			
BKM0607CW		7			
BKM0608CW		8			
BKM0609CW		9			
BKM0610CW		10			
BKM0612CW		12			
BKM0804CW		8			4
BKM0805CW					5
BKM0806CW	6				
BKM0807CW	7				
BKM0808CW	8				
BKM0809CW	9				
BKM0810CW	10				
BKM0812CW	12				
BKM1004CW	10	4			
BKM1005CW		5			
BKM1006CW		6			
BKM1007CW		7			
BKM1008CW		8			
BKM1009CW		9			
BKM1010CW		10			
BKM1012CW		12			

ORDERING INFORMATION



Code		Stent		Delivery		
Fully covered	Both ends bare	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BSM0604F	BSM0604B	6	4	8.5	180	
BSM0605F	BSM0605B		5			
BSM0606F	BSM0606B		6			
BSM0607F	BSM0607B		7			
BSM0608F	BSM0608B		8			
BSM0609F	BSM0609B		9			
BSM0610F	BSM0610B		10			
BSM0612F	BSM0612B		12			
BSM0804F	BSM0804B		8			4
BSM0805F	BSM0805B					5
BSM0806F	BSM0806B					6
BSM0807F	BSM0807B					7
BSM0808F	BSM0808B	8				
BSM0809F	BSM0809B	9				
BSM0810F	BSM0810B	10				
BSM0812F	BSM0812B	12				
BSM1004F	BSM1004B	10	4			
BSM1005F	BSM1005B		5			
BSM1006F	BSM1006B		6			
BSM1007F	BSM1007B		7			
BSM1008F	BSM1008B		8			
BSM1009F	BSM1009B		9			
BSM1010F	BSM1010B		10			
BSM1012F	BSM1012B		12			

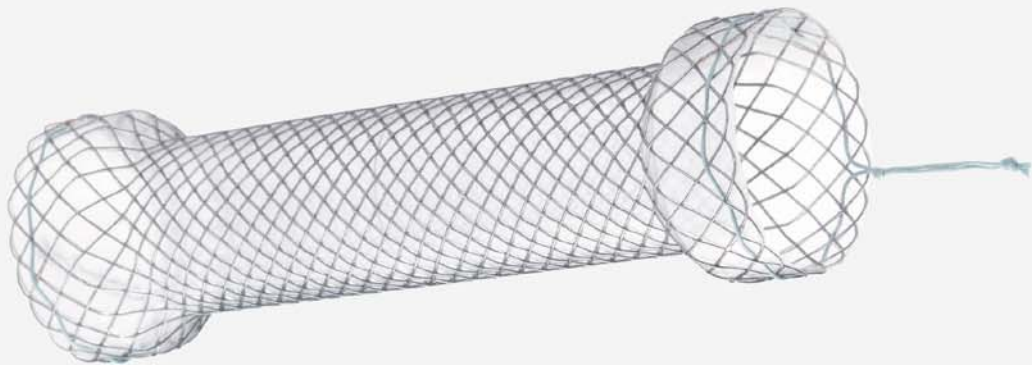


Code		Stent		Delivery		
Fully covered	Both ends bare	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)	
BCM0604F	BCM0604B	6	4	8.5	180	
BCM0605F	BCM0605B		5			
BCM0606F	BCM0606B		6			
BCM0607F	BCM0607B		7			
BCM0608F	BCM0608B		8			
BCM0609F	BCM0609B		9			
BCM0610F	BCM0610B		10			
BCM0612F	BCM0612B		12			
BCM0804F	BCM0804B		8			4
BCM0805F	BCM0805B					5
BCM0806F	BCM0806B					6
BCM0807F	BCM0807B					7
BCM0808F	BCM0808B	8				
BCM0809F	BCM0809B	9				
BCM0810F	BCM0810B	10				
BCM0812F	BCM0812B	12				
BCM1004F	BCM1004B	10	4			
BCM1005F	BCM1005B		5			
BCM1006F	BCM1006B		6			
BCM1007F	BCM1007B		7			
BCM1008F	BCM1008B		8			
BCM1009F	BCM1009B		9			
BCM1010F	BCM1010B		10			
BCM1012F	BCM1012B		12			



Esophageal Stent

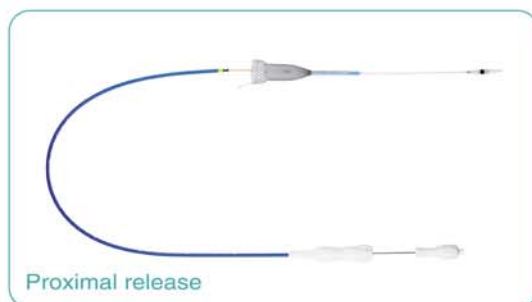
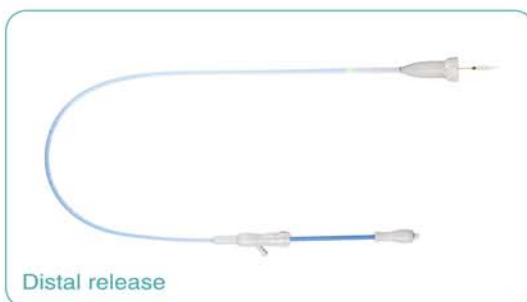
for benign and malignant esophageal strictures



***Available in USA**
(The sizes marked in blue)

FEATURE

- **Fixed cell with braided construction**
 - High flexibility and optimal radial force
 - Both head ends (8mm larger than trunk) help to minimize migration
- **Silicone covering and soft round ends**
 - Reduce tissue ingrowth and hyperplasia reaction
- **Visible green suture for easy removal**
- **Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle**



ORDERING INFORMATION

Distal Release

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606F	16	6	16	70
ES1608F		8		
ES1610F		10		
ES1612F		12		
ES1614F		14		
ES1615F		15		
ES1806F	18	6		
ES1808F		8		
ES1810F		10		
ES1812F		12		
ES1814F		14		
ES1815F		15		
ES2006F	20	6	20	
ES2008F		8		
ES2010F		10		
ES2012F		12		
ES2014F		14		
ES2015F		15		
ES2206F	22	6	22	
ES2208F		8		
ES2210F		10		
ES2212F		12		
ES2214F		14		
ES2215F		15		
ES2406F	24	6	22	
ES2408F		8		
ES2410F		10		
ES2412F		12		
ES2414F		14		
ES2415F		15		
ES2806F	28	6		
ES2808F		8		
ES2810F		10		
ES2812F		12		
ES2814F		14		
ES2815F		15		

► Partially covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606B	16	6	16	70
ES1608B		8		
ES1610B		10		
ES1612B		12		
ES1614B		14		
ES1615B		15		
ES1806B	18	6		
ES1808B		8		
ES1810B		10		
ES1812B		12		
ES1814B		14		
ES1815B		15		
ES2006B	20	6	20	
ES2008B		8		
ES2010B		10		
ES2012B		12		
ES2014B		14		
ES2015B		15		
ES2206B	22	6	22	
ES2208B		8		
ES2210B		10		
ES2212B		12		
ES2214B		14		
ES2215B		15		
ES2406B	24	6	22	
ES2408B		8		
ES2410B		10		
ES2412B		12		
ES2414B		14		
ES2415B		15		
ES2806B	28	6		
ES2808B		8		
ES2810B		10		
ES2812B		12		
ES2814B		14		
ES2815B		15		

► Fully covered / Removal string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606FR2	16	6	16	70
ES1608FR2		8		
ES1610FR2		10		
ES1612FR2		12		
ES1614FR2		14		
ES1615FR2		15		
ES1806FR2	18	6		
ES1808FR2		8		
ES1810FR2		10		
ES1812FR2		12		
ES1814FR2		14		
ES1815FR2		15		
ES2006FR2	20	6	20	
ES2008FR2		8		
ES2010FR2		10		
ES2012FR2		12		
ES2014FR2		14		
ES2015FR2		15		

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES2206FR2	22	6	20	70
ES2208FR2		8		
ES2210FR2		10		
ES2212FR2		12		
ES2214FR2		14		
ES2215FR2		15		
ES2406FR2	24	6	22	
ES2408FR2		8		
ES2410FR2		10		
ES2412FR2		12		
ES2414FR2		14		
ES2415FR2		15		
ES2806FR2	28	6		
ES2808FR2		8		
ES2810FR2		10		
ES2812FR2		12		
ES2814FR2		14		
ES2815FR2		15		

RELEASED ARTICLE

* Fully covered, retrievable self-expanding metal stents (Niti-s) in palliation of malignant dysphagia : Long-term results of a prospective study by Sung Jun Choi et al [Scand J Gastroenterol. 2011 Jul;46(7-8):875-80]

ORDERING INFORMATION

Proximal Release

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606F	16	6	16	70
ESP1608F		8		
ESP1610F		10		
ESP1612F		12		
ESP1614F		14		
ESP1615F		15		
ESP1806F	18	6	16	
ESP1808F		8		
ESP1810F		10		
ESP1812F		12		
ESP1814F		14		
ESP1815F		15		
ESP2006F	20	6	20	
ESP2008F		8		
ESP2010F		10		
ESP2012F		12		
ESP2014F		14		
ESP2015F		15		
ESP2206F	22	6	22	
ESP2208F		8		
ESP2210F		10		
ESP2212F		12		
ESP2214F		14		
ESP2215F		15		
ESP2406F	24	6	22	
ESP2408F		8		
ESP2410F		10		
ESP2412F		12		
ESP2414F		14		
ESP2415F		15		
ESP2806F	28	6	22	
ESP2808F		8		
ESP2810F		10		
ESP2812F		12		
ESP2814F		14		
ESP2815F		15		

► Partially covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606B	16	6	16	70
ESP1608B		8		
ESP1610B		10		
ESP1612B		12		
ESP1614B		14		
ESP1615B		15		
ESP1806B	18	6	16	
ESP1808B		8		
ESP1810B		10		
ESP1812B		12		
ESP1814B		14		
ESP1815B		15		
ESP2006B	20	6	20	
ESP2008B		8		
ESP2010B		10		
ESP2012B		12		
ESP2014B		14		
ESP2015B		15		
ESP2206B	22	6	22	
ESP2208B		8		
ESP2210B		10		
ESP2212B		12		
ESP2214B		14		
ESP2215B		15		
ESP2406B	24	6	22	
ESP2408B		8		
ESP2410B		10		
ESP2412B		12		
ESP2414B		14		
ESP2415B		15		
ESP2806B	28	6	22	
ESP2808B		8		
ESP2810B		10		
ESP2812B		12		
ESP2814B		14		
ESP2815B		15		

► Fully covered / Removal string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606FR2	16	6	16	70
ESP1608FR2		8		
ESP1610FR2		10		
ESP1612FR2		12		
ESP1614FR2		14		
ESP1615FR2		15		
ESP1806FR2	18	6	16	
ESP1808FR2		8		
ESP1810FR2		10		
ESP1812FR2		12		
ESP1814FR2		14		
ESP1815FR2		15		
ESP2006FR2	20	6	20	
ESP2008FR2		8		
ESP2010FR2		10		
ESP2012FR2		12		
ESP2014FR2		14		
ESP2015FR2		15		

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP2206FR2	22	6	20	70
ESP2208FR2		8		
ESP2210FR2		10		
ESP2212FR2		12		
ESP2214FR2		14		
ESP2215FR2		15		
ESP2406FR2	24	6	22	
ESP2408FR2		8		
ESP2410FR2		10		
ESP2412FR2		12		
ESP2414FR2		14		
ESP2415FR2		15		

ORDERING INFORMATION

TTS (Through The Scope)

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EST1806F	18	6	10.5	160 180 (USA)
EST1808F		8		
EST1810F		10		
EST1812F		12		
EST1814F		14		
EST1815F		15		
EST1806F-18		6		180
EST1808F-18		8		
EST1810F-18		10		
EST1812F-18		12		
EST1814F-18		14		
EST1815F-18		15		
EST1806F-22		6		220
EST1808F-22		8		
EST1810F-22		10		
EST1812F-22	12			
EST1814F-22	14			
EST1815F-22	15			
EST2006F	20	6	10.5	160 180 (USA)
EST2008F		8		
EST2010F		10		
EST2012F		12		
EST2014F		14		
EST2015F		15		
EST2006F-18		6		180
EST2008F-18		8		
EST2010F-18		10		
EST2012F-18		12		
EST2014F-18		14		
EST2015F-18		15		
EST2006F-22		6		220
EST2008F-22		8		
EST2010F-22		10		
EST2012F-22	12			
EST2014F-22	14			
EST2015F-22	15			

► Partially covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EST1806B	18	6	10.5	160 180 (USA)
EST1808B		8		
EST1810B		10		
EST1812B		12		
EST1814B		14		
EST1815B		15		
EST1806B-18		6		180
EST1808B-18		8		
EST1810B-18		10		
EST1812B-18		12		
EST1814B-18		14		
EST1815B-18		15		
EST1806B-22		6		220
EST1808B-22		8		
EST1810B-22		10		
EST1812B-22	12			
EST1814B-22	14			
EST1815B-22	15			
EST2006B	20	6	10.5	160 180 (USA)
EST2008B		8		
EST2010B		10		
EST2012B		12		
EST2014B		14		
EST2015B		15		
EST2006B-18		6		180
EST2008B-18		8		
EST2010B-18		10		
EST2012B-18		12		
EST2014B-18		14		
EST2015B-18		15		
EST2006B-22		6		220
EST2008B-22		8		
EST2010B-22		10		
EST2012B-22	12			
EST2014B-22	14			
EST2015B-22	15			

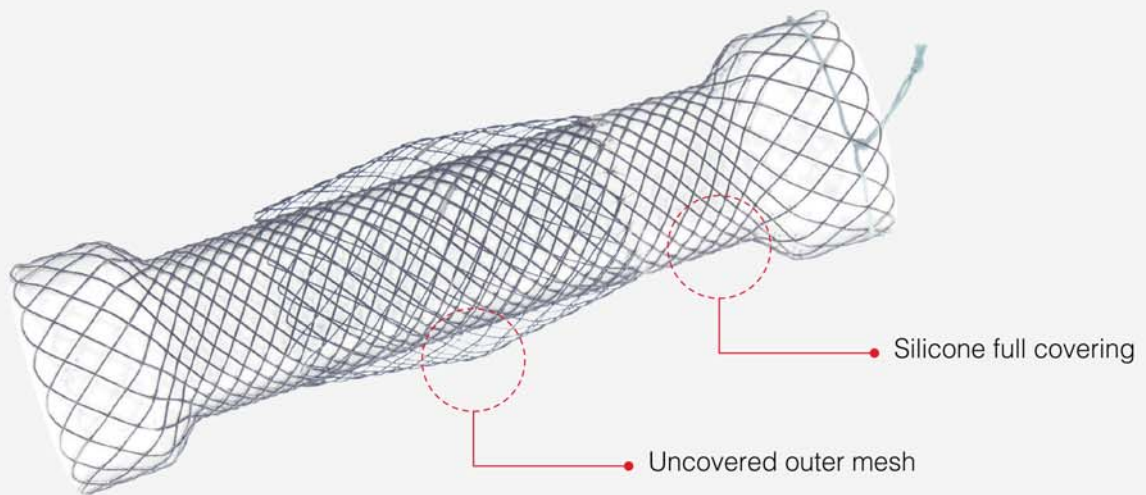
► Fully covered / Removal string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EST1806FR2	18	6	10.5	160
EST1808FR2		8		
EST1810FR2		10		
EST1812FR2		12		
EST1814FR2		14		
EST1815FR2		15		

DOUBLE™

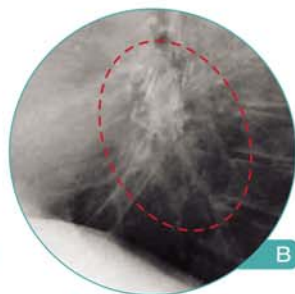
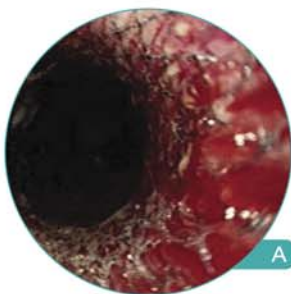
Esophageal Stent

for malignant esophageal strictures



FEATURE

- Double layered design
 - Silicone full covering prevents the risk of tumor ingrowth
 - Additional uncovered outer mesh helps to resist migration
- Retrieval string at proximal end helps repositioning
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



"Its double-layered design is probably important in preventing migration. In addition, the complete covering of the Niti-S stent may be a factor in preventing tissue overgrowth at both ends of the stent."

A. Endoscopic view inside the Niti-S DOUBLE™ stent
B. The Niti-S DOUBLE™ stent is positioned partially in the esophagus and expanding below the diaphragm

[Gastrointest Endosc. 2006 Jan;63(1):134-40]

ORDERING INFORMATION

Distal Release					Proximal Release				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606FD	16	6	18	70	ESP1606FD	16	6	18	70
ES1608FD		8			ESP1608FD		8		
ES1610FD		10			ESP1610FD		10		
ES1612FD		12			ESP1612FD		12		
ES1614FD		14			ESP1614FD		14		
ES1615FD		15			ESP1615FD		15		
ES1806FD	18	6	18		ESP1806FD	18	6	18	
ES1808FD		8			ESP1808FD		8		
ES1810FD		10			ESP1810FD		10		
ES1812FD		12			ESP1812FD		12		
ES1814FD		14			ESP1814FD		14		
ES1815FD		15			ESP1815FD		15		
ES2006FD	20	6	20		ESP2006FD	20	6	20	
ES2008FD		8			ESP2008FD		8		
ES2010FD		10			ESP2010FD		10		
ES2012FD		12			ESP2012FD		12		
ES2014FD		14			ESP2014FD		14		
ES2015FD		15			ESP2015FD		15		
ES2206FD	22	6	22	ESP2206FD	22	6	22		
ES2208FD		8		ESP2208FD		8			
ES2210FD		10		ESP2210FD		10			
ES2212FD		12		ESP2212FD		12			
ES2214FD		14		ESP2214FD		14			
ES2215FD		15		ESP2215FD		15			
ES2406FD	24	6	22	ESP2406FD	24	6	22		
ES2408FD		8		ESP2408FD		8			
ES2410FD		10		ESP2410FD		10			
ES2412FD		12		ESP2412FD		12			
ES2414FD		14		ESP2414FD		14			
ES2415FD		15		ESP2415FD		15			
ES2806FD	28	6	22	ESP2806FD	28	6	22		
ES2808FD		8		ESP2808FD		8			
ES2810FD		10		ESP2810FD		10			
ES2812FD		12		ESP2812FD		12			
ES2814FD		14		ESP2814FD		14			
ES2815FD		15		ESP2815FD		15			

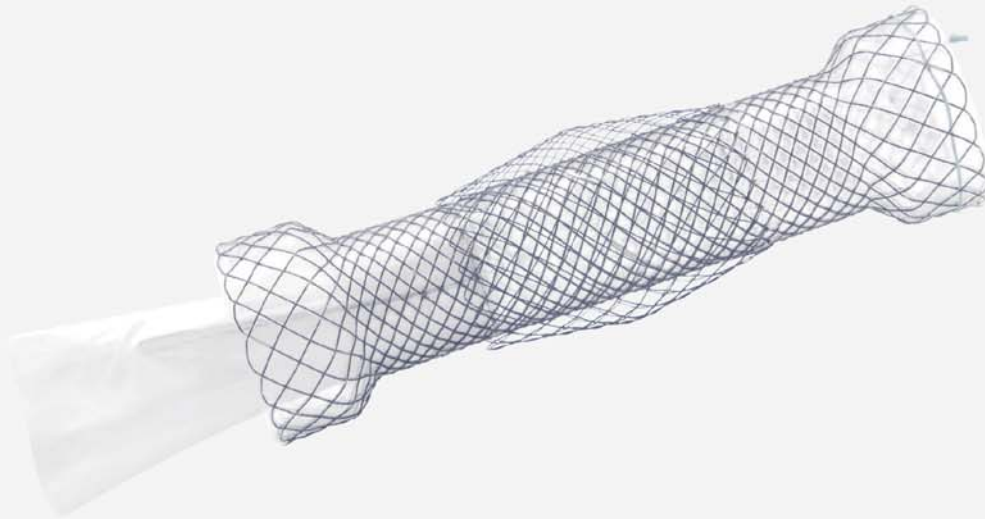
RELEASED ARTICLE

- * Double-layered covered stent for the treatment of malignant oesophageal obstructions: Systematic review and meta-analysis
by Zeiad Hussain et al [World J Gastroenterol. 2016 Sep 14;22(34):7841-50]
- * Double-type metallic stents efficacy for the management of post-operative fistulas, leakages, and perforations of the upper gastrointestinal tract
by Jean-Michel Gonzalez et al [Surg Endosc 2015;29:2013-2018]
- * Outcomes Following Oesophageal Stent Insertion for Palliation of Malignant Strictures: A Large Single Center Series
by Nicholas J. Battersby, BMEDSc, MARCS et al [J Surg Oncol. 2012 Jan;105(1):60-5]
- * New Design Esophageal Stents for the Palliation of Dysphagia From Esophageal or Gastric Cardia Cancer: A Randomized Trial
by Els M.L. Verschuur, M.Sc et al [Am J Gastroenterol. 2008 Feb;103(2):304-12]
- * A new esophageal stent design (Niti-S stent) for the prevention of migration: a prospective study in 42 patients
by NICHOLAS J. BATTERSBY, BMedSc, MRCS et al [Gastrointest Endosc. 2006 Jan;63(1):134-40]

DOUBLE™

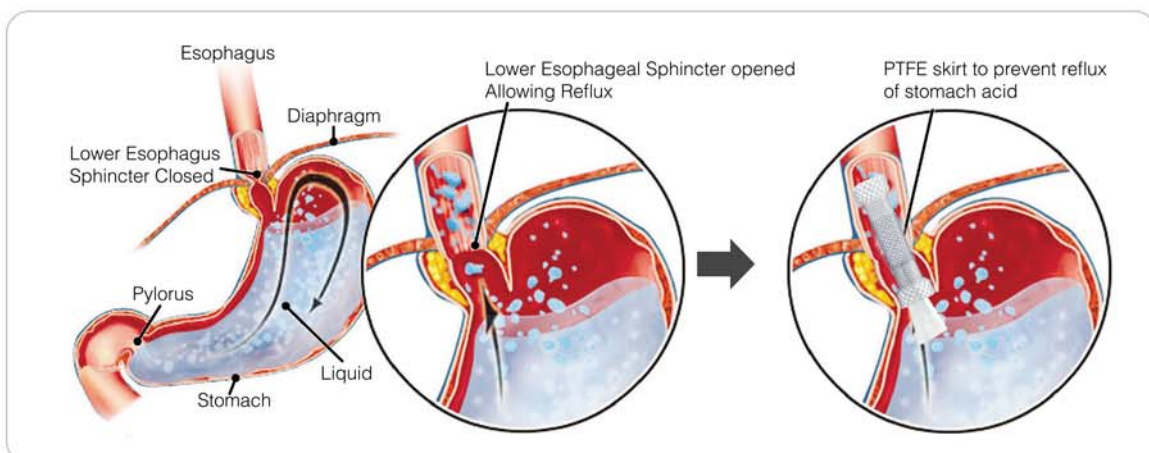
Esophageal Stent (Anti-reflux)

for preventing gastroesophageal reflux



FEATURE

- Double layered design with Anti-reflux skirt
 - PTFE skirt blocks gastric reflux with the stent placement at EG junction
 - Additional uncovered outer mesh helps to resist migration
- Retrieval string at proximal end helps repositioning
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



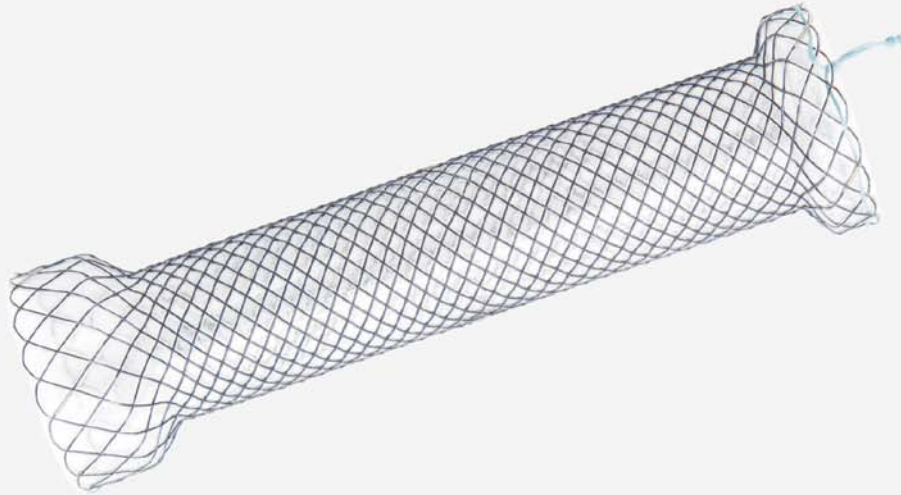
ORDERING INFORMATION

Distal Release				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EA1606FD	16	6	18	70
EA1608FD		8		
EA1610FD		10		
EA1612FD		12		
EA1614FD		14		
EA1615FD		15		
EA1806FD	18	6		
EA1808FD		8		
EA1810FD		10		
EA1812FD		12		
EA1814FD		14		
EA1815FD		15		
EA2006FD	20	6		
EA2008FD		8		
EA2010FD		10		
EA2012FD		12		
EA2014FD		14		
EA2015FD		15		
EA2206FD	22	6		
EA2208FD		8		
EA2210FD		10		
EA2212FD		12		
EA2214FD		14		
EA2215FD		15		
EA2406FD	24	6		
EA2408FD		8		
EA2410FD		10		
EA2412FD		12		
EA2414FD		14		
EA2415FD		15		
EA2806FD	28	6		
EA2808FD		8		
EA2810FD		10		
EA2812FD		12		
EA2814FD		14		
EA2815FD		15		

CERVICAL™

Esophageal Stent

for upper esophageal strictures



FEATURE

- Short proximal head design prevents damage of vocal cords in cases of stent placement close to the upper esophageal sphincter
- Silicone covering: Reduce the risk of tumor ingrowth
- Visible green suture for easy removal
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle

ORDERING INFORMATION

Distal Release					
Code	Stent		Delivery		
	Diameter (mm)	Length (mm)	Profile (Fr)	Usable Length (cm)	
ES1606FV	16	6	18	70	
ES1608FV		8			
ES1610FV		10			
ES1612FV		12			
ES1614FV		14			
ES1615FV		15			
ES1806FV	18	6			
ES1808FV		8			
ES1810FV		10			
ES1812FV		12			
ES1814FV		14			
ES1815FV		15			
ES2006FV	20	6			20
ES2008FV		8			
ES2010FV		10			
ES2012FV		12			
ES2014FV		14			
ES2015FV		15			
ES2206FV	22	6			
ES2208FV		8			
ES2210FV		10			
ES2212FV		12			
ES2214FV		14			
ES2215FV		15			

Proximal Release					
Code	Stent		Delivery		
	Diameter (mm)	Length (mm)	Profile (Fr)	Usable Length (cm)	
ESP1606FV	16	6	18	70	
ESP1608FV		8			
ESP1610FV		10			
ESP1612FV		12			
ESP1614FV		14			
ESP1615FV		15			
ESP1806FV	18	6			
ESP1808FV		8			
ESP1810FV		10			
ESP1812FV		12			
ESP1814FV		14			
ESP1815FV		15			
ESP2006FV	20	6			20
ESP2008FV		8			
ESP2010FV		10			
ESP2012FV		12			
ESP2014FV		14			
ESP2015FV		15			
ESP2206FV	22	6			
ESP2208FV		8			
ESP2210FV		10			
ESP2212FV		12			
ESP2214FV		14			
ESP2215FV		15			

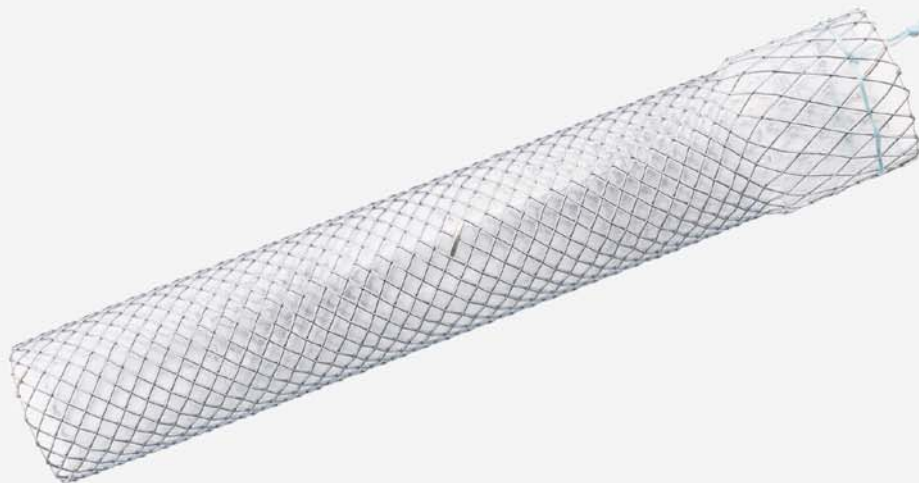
Distal Release					
► Removal string on both ends					
Code	Stent		Delivery		
	Diameter (mm)	Length (mm)	Profile (Fr)	Usable Length (cm)	
ES1606FVR2	16	6	16	70	
ES1608FVR2		8			
ES1610FVR2		10			
ES1612FVR2		12			
ES1614FVR2		14			
ES1615FVR2		15			
ES1806FVR2	18	6			
ES1808FVR2		8			
ES1810FVR2		10			
ES1812FVR2		12			
ES1814FVR2		14			
ES1815FVR2		15			
ES2006FVR2	20	6			20
ES2008FVR2		8			
ES2010FVR2		10			
ES2012FVR2		12			
ES2014FVR2		14			
ES2015FVR2		15			
ES2206FVR2	22	6			
ES2208FVR2		8			
ES2210FVR2		10			
ES2212FVR2		12			
ES2214FVR2		14			
ES2215FVR2		15			
ES2406FVR2	24	6	22		
ES2408FVR2		8			
ES2410FVR2		10			
ES2412FVR2		12			
ES2414FVR2		14			
ES2415FVR2		15			

Proximal Release					
► Removal string on both ends					
Code	Stent		Delivery		
	Diameter (mm)	Length (mm)	Profile (Fr)	Usable Length (cm)	
ESP1606FVR2	16	6	16	70	
ESP1608FVR2		8			
ESP1610FVR2		10			
ESP1612FVR2		12			
ESP1614FVR2		14			
ESP1615FVR2		15			
ESP1806FVR2	18	6			
ESP1808FVR2		8			
ESP1810FVR2		10			
ESP1812FVR2		12			
ESP1814FVR2		14			
ESP1815FVR2		15			
ESP2006FVR2	20	6			20
ESP2008FVR2		8			
ESP2010FVR2		10			
ESP2012FVR2		12			
ESP2014FVR2		14			
ESP2015FVR2		15			
ESP2206FVR2	22	6			
ESP2208FVR2		8			
ESP2210FVR2		10			
ESP2212FVR2		12			
ESP2214FVR2		14			
ESP2215FVR2		15			
ESP2406FVR2	24	6	22		
ESP2408FVR2		8			
ESP2410FVR2		10			
ESP2412FVR2		12			
ESP2414FVR2		14			
ESP2415FVR2		15			

CONIO™

Esophageal Stent

for hypopharyngeal strictures



FEATURE

- Small diameter with proximal head design specially designed for refractory hypopharyngeal strictures
- Silicone covering: Reduce the risk of tumor ingrowth
- Visible green suture for easy removal
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle

※ Dr. Massimo Conio invented this stent and has treated patients with refractory hypopharyngeal strictures after combined therapy for laryngeal cancer

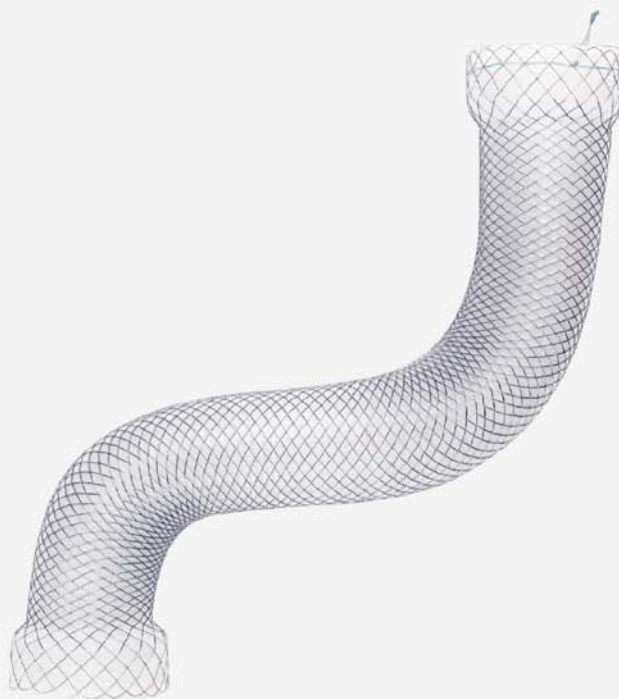
ORDERING INFORMATION

Distal Release					Proximal Release				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1006FN	10	6	12	70	ESP1006FN	10	6	14	70
ES1008FN		8			ESP1008FN		8		
ES1010FN		10			ESP1010FN		10		
ES1012FN		12			ESP1012FN		12		
ES1014FN		14			ESP1014FN		14		
ES1015FN		15			ESP1015FN		15		
ES1206FN	12	6	14		ESP1206FN	12	6	14	
ES1208FN		8			ESP1208FN		8		
ES1210FN		10			ESP1210FN		10		
ES1212FN		12			ESP1212FN		12		
ES1214FN		14			ESP1214FN		14		
ES1215FN		15			ESP1215FN		15		
ES1406FN	14	6	14		ESP1406FN	14	6	14	
ES1408FN		8			ESP1408FN		8		
ES1410FN		10			ESP1410FN		10		
ES1412FN		12			ESP1412FN		12		
ES1414FN		14			ESP1414FN		14		
ES1415FN		15			ESP1415FN		15		
ES1606FN	16	6	16		ESP1606FN	16	6	16	
ES1608FN		8			ESP1608FN		8		
ES1610FN		10		ESP1610FN	10				
ES1612FN		12		ESP1612FN	12				
ES1614FN		14		ESP1614FN	14				
ES1615FN		15		ESP1615FN	15				

RELEASED ARTICLE

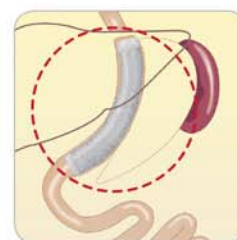
- * Temporary placement of a fully covered selfexpanding metal stent to allow therapeutic ERCP
by Benedetto Mangiavillano et al [Endoscopy. 2014;46 Suppl 1 UCTN:E419]
- * Self-expanding stents in benign Esophageal strictures
by Massimo Conio, MD, et al [Tech Gastrointest Endosc. 2008 Jul10;164-174]
- * A modified self-expanding Niti-S stent for the management of benign hypopharyngeal strictures
by Massimo Conio, MD et al [Gastrointest Endosc. 2007 Apr;65(4):714-20]

for leak or fistula after sleeve gastrectomy



FEATURE

- **Specially designed soft and flexible body:** Adapts to the acute anatomy after sleeve gastrectomy
 - The diversion of the fistula by the placement of a covered stent is necessary in most cases and it reestablishes the continuity of the digestive tract and promotes healing of the fistula.
Also, allows the early reintroduction of food, improving patient nutritional states and therefore favoring recovery
- **Large diameter and long length of the stent:** Prevent migration
 - Proximal part of the stent is located near the middle of the esophagus, and distal part of the stent is located in the gastric antral or in the first duodenal portion
- **Fully silicone covering** allows easy removal
- **Radiopaque marker:** 4 (four) at both ends & 2 (two) in the middle



"Use of MEGA™ stent as an option for stenting of a staple-line leak after laparoscopic sleeve gastrectomy."

◀ A Gastrographin swallow control performed the day after MEGA™ stent placement shows the correct positioning of the stent, from the distal esophagus to the first part of the duodenum

by Giuseppe Galloro, M.D et al [Surg Obes Relat Dis. 2014 Jul-Aug;10(4):607-11]

ORDERING INFORMATION

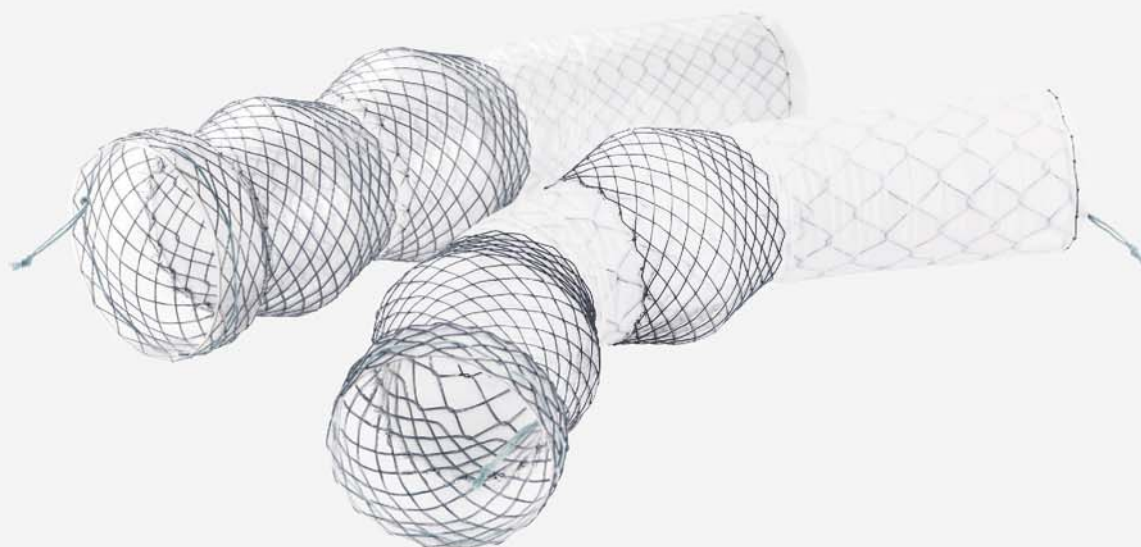
Distal Release				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES2218F	22	18	20	70
ES2223F		23		
ES2418F	24	18		
ES2423F		23		
ES2818F	28	18		
ES2823F		23		

Distal Release				
► Removal string on both ends				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES2418FR2	24	18	22	70
ES2423FR2		23		
ES2818FR2	28	18		
ES2823FR2		23		

RELEASED ARTICLE

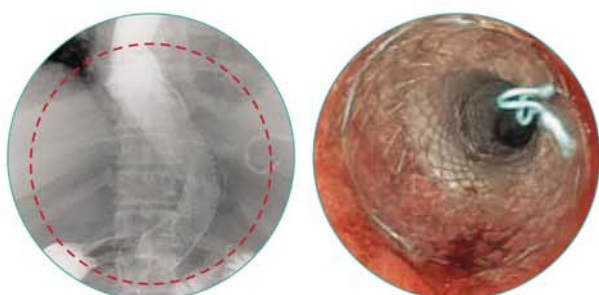
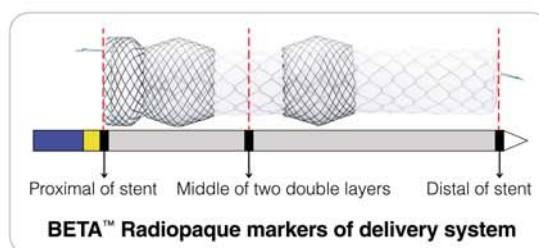
- * An Endoscopic Strategy Combining Mega Stents and Over-The-Scope Clips for the Management of Post-Bariatric Surgery Leaks and Fistula by Hany M. Shehab et al [Obes Surg. 2016 May;26(5):941-8]
- * Staple-line leak after sleeve gastrectomy in obese patients: A hot topic in bariatric surgery by Giuseppe Galloro et al [World J Gastrointest Endosc. 2015 Jul 25;7(9):843-6]
- * Use of sleeve–customized self–expandable metal stents for the treatment of staple–line leakage after laparoscopic sleeve gastrectomy by Sigal Fishman, MD et al [Gastrointest Endosc. 2015 May;81(5):1291-4]
- * A novel dedicated endoscopic stent for staple line leaks after laparoscopic sleeve gastrectomy: a case series by Giuseppe Galloro, MD et al [Surg Obes Relat Dis. 2014 Jul-Aug;10(4):607-11]
- * Mega stent: a new option for management of leaks following laparoscopic sleeve gastrectomy by Jahangeer Basha et al [Endoscopy. 2014;46 Suppl 1 UCTN:E49-50]

for leak or fistula after bariatric surgery



FEATURE

- Both distal and proximal retrieval strings help for easy removal or reposition
- **Outer double layers:** Silicone covered double layers prevent the risk of migration and any substance to contact the leak or fistula
- **Flexible and conformable structure:** Unfixed cell construction provides excellent flexibility and conformability to fit intortuous anatomy
- **Radiopaque marker:** 4 (four) at both ends & 3 (three) in the middle of each ring



BETA™ stent insertion for healing of the fistula after bariatric surgery

[Provided by Prof. Tom Moreels and Dr. Macke Elisabeth, University Hospital of Antwerp, Belgium]

ORDERING INFORMATION

Distal Release

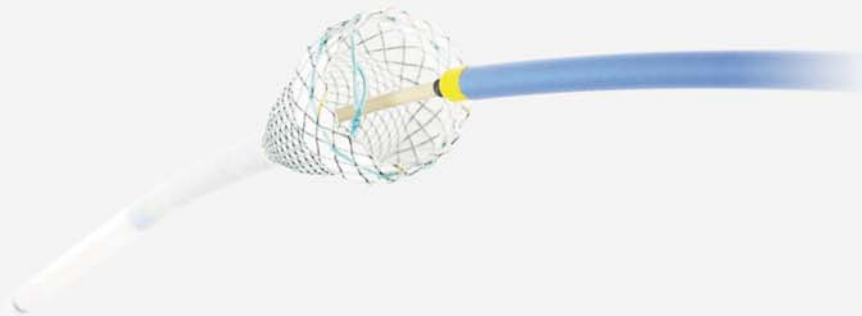
► BETA™2: between double layers : 25mm

► BETA™1: between double layers : 5mm

Stent			Delivery		Stent			Delivery	
Code	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	Code	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EK1810FNT2	18	10	20	70	EK2214FND2	22	14	20	70
EK1812FNT2		12			EK2215FND2		15		
EK1814FNT2		14			EK2216FND2		16		
EK1815FNT2		15			EK2218FND2		18		
EK1816FNT2		16			EK2220FND2		20		
EK1818FNT2		18			EK2222FND2		22		
EK1820FNT2		20			EK2223FND2		23		
EK2010FNT2		20			10		20		
EK2012FNT2	12		EK2415FND2	15					
EK2014FNT2	14		EK2416FND2	16					
EK2015FNT2	15		EK2418FND2	18					
EK2016FNT2	16		EK2420FND2	20					
EK2018FNT2	18		EK2422FND2	22					
EK2020FNT2	20		EK2423FND2	23					
EK2210FNT2	22		10	22	70	EK2614FND2		26	14
EK2212FNT2		12	EK2615FND2			15			
EK2214FNT2		14	EK2616FND2			16			
EK2215FNT2		15	EK2618FND2			18			
EK2216FNT2		16	EK2620FND2			20			
EK2218FNT2		18	EK2814FND2			14			
EK2220FNT2		20	EK2815FND2			15			
EK2410FNT2		24	10			22	70		EK2816FND2
EK2412FNT2	12		EK2818FND2	18					
EK2414FNT2	14		EK2820FND2	20					
EK2415FNT2	15								
EK2416FNT2	16								
EK2418FNT2	18								
EK2420FNT2	20								
EK2610FNT2	26		10	22	70				28
EK2612FNT2		12							
EK2614FNT2		14							
EK2615FNT2		15							
EK2616FNT2		16							
EK2618FNT2		18							
EK2620FNT2		20							
EK2810FNT2		28	10			22	70		
EK2812FNT2	12								
EK2814FNT2	14								
EK2815FNT2	15								
EK2816FNT2	16								
EK2818FNT2	18								
EK2820FNT2	20								

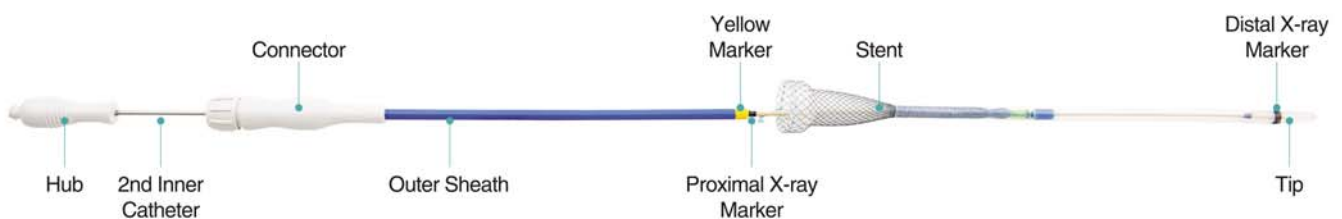
Various Delivery Systems for Esophageal Stents

I. Proximal Release Delivery System

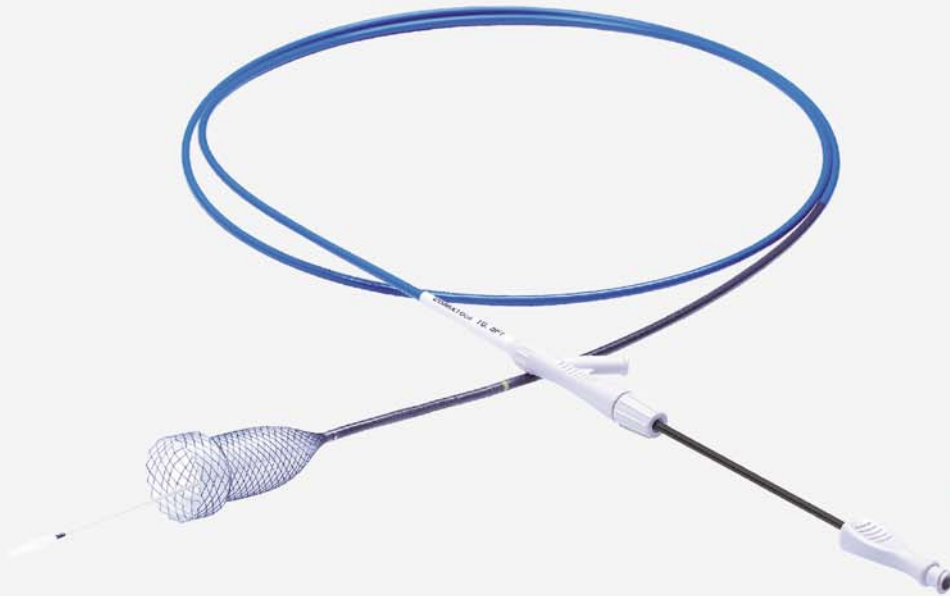


Visualization of the proximal tumor margin

- **Accurate stent positioning**
 - Proximal part is released earlier than its distal part to enable placement with consideration of the proximal tumor margin without fluoroscope
 - Recommended for upper esophageal strictures
- **Deployment procedure**
 - Once the delivery system is in the correct position for deployment, Unlock the proximal valve of Y-connector, and hold the Y-connector, then push the hub toward tip



II. Through The Scope (TTS) Delivery System



***Available in USA**

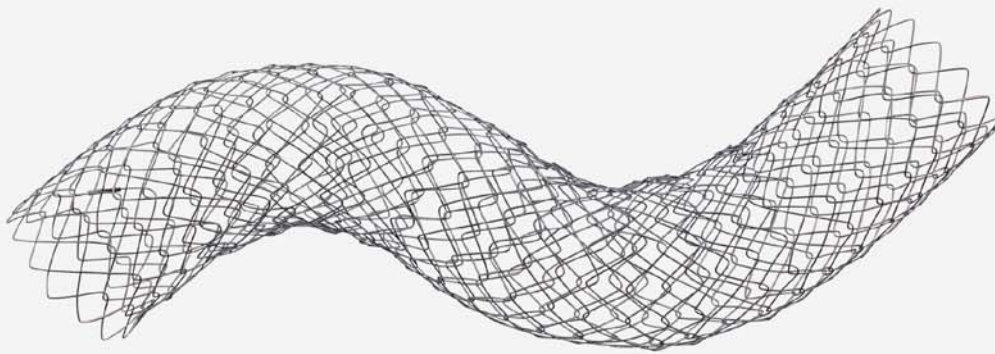
Easy and Simple stenting through the scope channel

- Preloaded in a 10.5Fr delivery system for esophageal fully covered/partially covered stent
- The practical solution for tight, narrow or tortuous anatomies
- Retrieval string may help removal of the stent during the initial placement procedure
- Silicone coating designed to resist tissue in-growth
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



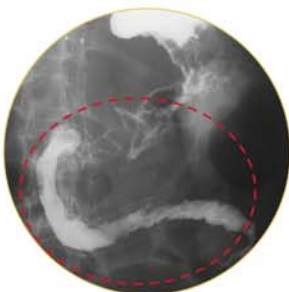
Pyloric/Duodenal Stent

for malignant gastric outlet obstruction



FEATURE

- Unfixed cell with weaving construction
 - Maximize conformability to prevent migration and the risk of perforation
 - Optimal combination of radial and axial force to maintain patency in tortuous anatomy
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



"A newly developed enteral stent with higher flexibility and less foreshortening offers comparable clinical outcome to existing stents and a lower frequency of complications, including migration."

◀ 3 days after stent placement for long duodenal obstruction, showing fully expanded stents and good passage of contrast medium

[Gastrointest Endosc. 2007 Aug;66(2): 355-60]

ORDERING INFORMATION

TTS (Through The Scope)					OTW (Over The Wire)											
Code	Stent		Delivery		Code	Stent		Delivery								
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)							
PDT1806	18	6	10	180	PD1806	18	6	12								
PDT1808		8			PD1808		8									
PDT1810		10			PD1810		10									
PDT1812		12			PD1812		12									
PDT1814		14			PD1814		14									
PDT1815		15			PD1815		15									
PDT2006	20	6			10	180	PD2006			20	6	16	135			
PDT2008		8					PD2008				8					
PDT2010		10					PD2010				10					
PDT2012		12					PD2012				12					
PDT2014		14					PD2014				14					
PDT2015		15					PD2015				15					
PDT2206	22	6					10	180		PD2206	22			6	18	
PDT2208		8								PD2208				8		
PDT2210		10								PD2210				10		
PDT2212		12								PD2212				12		
PDT2214		14								PD2214				14		
PDT2215		15								PD2215				15		
PDT2406	24	6	10	180					PD2406	24	6	18				
PDT2408		8							PD2408		8					
PDT2410		10							PD2410		10					
PDT2412		12							PD2412		12					
PDT2414		14							PD2414		14					
PDT2415		15							PD2415		15					
									PD2606	26	6		18			
									PD2608		8					
									PD2610		10					
									PD2612		12					
									PD2614		14					
									PD2615		15					
							PD2806	28	6	18						
							PD2808		8							
							PD2810		10							
							PD2812		12							
							PD2814		14							
							PD2815		15							

* Available 220cm delivery system [Coding: PDT**__-22]

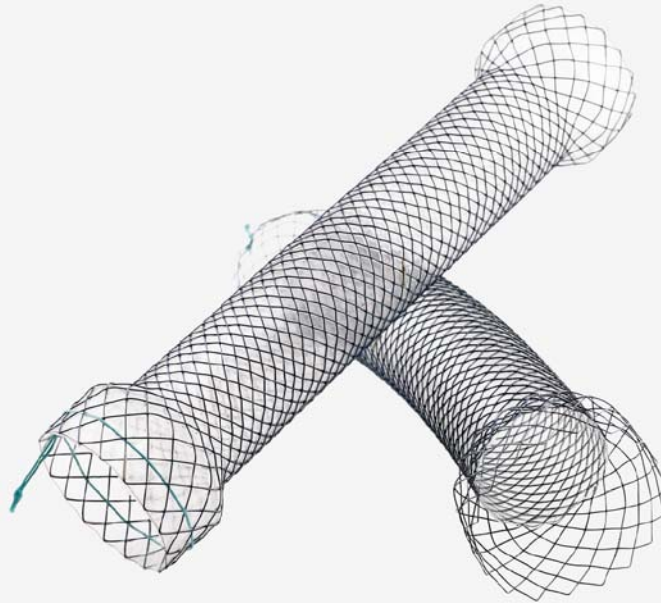
RELEASED ARTICLE

- * Comparison between uncovered and covered self-expandable metal stent placement in malignant duodenal obstruction
by Ji Won Kim et al [World J Gastroenterol. 2015 Feb 7;21(5):1580-7]
- * Gastroduodenal stenting with Niti-S stent: Long-term benefits and additional stent intervention
by Takamitsu Sato et al [Dig Endosc. 2015 Jan;27(1):121-9]
- * SEMS vs cSEMS in duodenal and small bowel obstruction: High risk of migration in the covered stent group
by Oliver Waidmann et al [World J Gastroenterol. 2013 Oct 7;19(37):6199-206]
- * Safety and efficacy of a new non-foreshortening nitinol stent in malignant gastric outlet obstruction (DUONITI study) : a prospective, multicenter study
by J. E. van Hooft et al [Endoscopy. 2011 Aug;43(8):671-5]
- * Comparison of Ultraflex and Niti-s Stents for palliation of unresectable malignant gastroduodenal obstruction
by Iruru Maetani et al [Dig Endosc. 2010 Apr;22(2):83-9]
- * Palliation in patients with malignant gastric outlet obstruction with a newly designed enteral stent: a multicenter study
by Iruru Maetani, MD et al [Gastrointest Endosc. 2007 Aug;66(2):355-60]



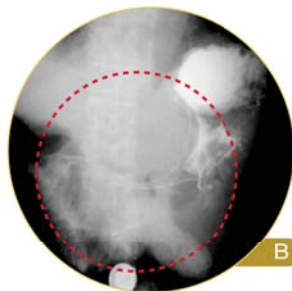
Pyloric/Duodenal Stent

for benign and malignant gastric outlet obstruction



FEATURE

- Fixed cell with braided construction
 - High flexibility and optimal radial force
- Silicone covering and soft round ends
 - Reduce tissue ingrowth and hyperplasia reaction
- Visible green suture for easy removal
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



A. Self-expandable metal stent was passed over the guidewire through the forceps channel of the endoscope, and placed at the mid-portion of the stenosis

B. The catheter was removed slowly and the stent was expanded

by Eun H Seo et al [J Gastroenterol Hepatol. 2008 Jul;23(7Pt1):1056-62]

ORDERING INFORMATION

TTS (Through The Scope)

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
PST1806F	18	6	10.5	180
PST1808F		8		
PST1810F		10		
PST1812F		12		
PST1814F		14		
PST1815F		15		
PST2006F	20	6		
PST2008F		8		
PST2010F		10		
PST2012F		12		
PST2014F		14		
PST2015F		15		

* Available 220cm delivery system [Coding: PST**_F-22]

OTW (Over The Wire)

► Fully covered

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	
PS1806F	18	6	16	135	
PS1808F		8			
PS1810F		10			
PS1812F		12			
PS1814F		14			
PS1815F		15			
PS2006F	20	6			
PS2008F		8			
PS2010F		10			
PS2012F		12			
PS2014F		14			
PS2015F		15			
PS2206F	22	6			20
PS2208F		8			
PS2210F		10			
PS2212F		12			
PS2214F		14			
PS2215F		15			
PS2406F	24	6	22		
PS2408F		8			
PS2410F		10			
PS2412F		12			
PS2414F		14			
PS2415F		15			
PS2606F	26	6			
PS2608F		8			
PS2610F		10			
PS2612F		12			
PS2614F		14			
PS2615F		15			
PS2806F	28	6			
PS2808F		8			
PS2810F		10			
PS2812F		12			
PS2814F		14			
PS2815F		15			

RELEASED ARTICLE

* Covered expandable nitinol stents for malignant gastroduodenal obstructions
by Eun H Seo et al [J Gastroenterol Hepatol. 2008 Jul;23(7Pt1):1056-62]

ORDERING INFORMATION

TTS (Through The Scope)

► Both ends bare

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
PST1806B	18	6	10.5	180
PST1808B		8		
PST1810B		10		
PST1812B		12		
PST1814B		14		
PST1815B		15		
PST2006B	20	6		
PST2008B		8		
PST2010B		10		
PST2012B		12		
PST2014B		14		
PST2015B		15		

* Available 220cm delivery system [Coding: PST**__B-22]

OTW (Over The Wire)

► Both ends bare

Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		
PS1806B	18	6	16			
PS1808B		8				
PS1810B		10				
PS1812B		12				
PS1814B		14				
PS1815B		15				
PS2006B	20	6				
PS2008B		8				
PS2010B		10				
PS2012B		12				
PS2014B		14				
PS2015B		15				
PS2206B	22	6			20	135
PS2208B		8				
PS2210B		10				
PS2212B		12				
PS2214B		14				
PS2215B		15				
PS2406B	24	6				
PS2408B		8				
PS2410B		10				
PS2412B		12				
PS2414B		14				
PS2415B		15				
PS2606B	26	6	22			
PS2608B		8				
PS2610B		10				
PS2612B		12				
PS2614B		14				
PS2615B		15				
PS2806B	28	6				
PS2808B		8				
PS2810B		10				
PS2812B		12				
PS2814B		14				
PS2815B		15				

ORDERING INFORMATION

TTS (Through The Scope)

► Distal ends bare

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
PST1806H	18	6	10.5	180
PST1808H		8		
PST1810H		10		
PST1812H		12		
PST1814H		14		
PST1815H		15		
PST2006H	20	6		
PST2008H		8		
PST2010H		10		
PST2012H		12		
PST2014H		14		
PST2015H		15		

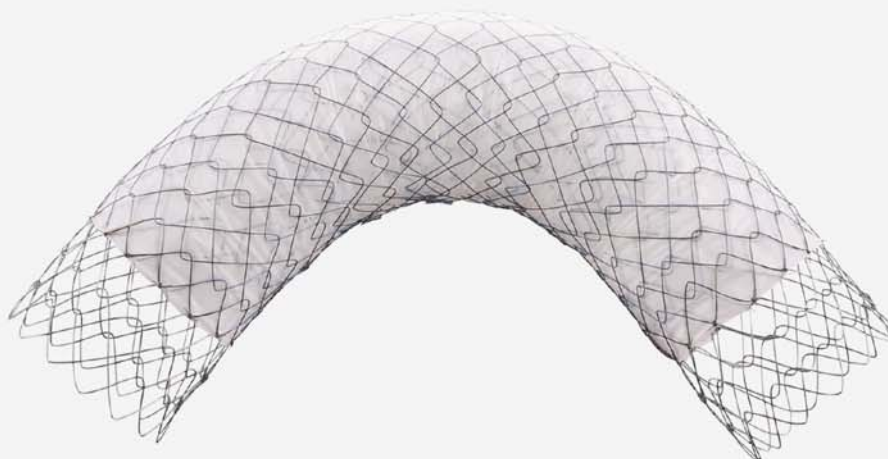
* Available 220cm delivery system [Coding: PST**_H-22]

OTW (Over The Wire)

► Distal ends bare

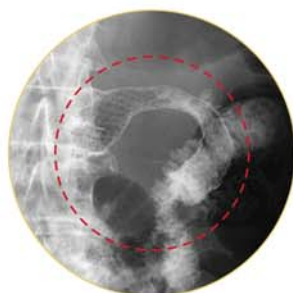
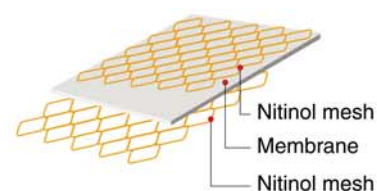
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
PS1806H	18	6	16	
PS1808H		8		
PS1810H		10		
PS1812H		12		
PS1814H		14		
PS1815H		15		
PS2006H	20	6		
PS2008H		8		
PS2010H		10		
PS2012H		12		
PS2014H		14		
PS2015H		15		
PS2206H	22	6	20	135
PS2208H		8		
PS2210H		10		
PS2212H		12		
PS2214H		14		
PS2215H		15		
PS2406H	24	6	22	
PS2408H		8		
PS2410H		10		
PS2412H		12		
PS2414H		14		
PS2415H		15		
PS2606H	26	6		
PS2608H		8		
PS2610H		10		
PS2612H		12		
PS2614H		14		
PS2615H		15		
PS2806H	28	6		
PS2808H		8		
PS2810H		10		
PS2812H		12		
PS2814H		14		
PS2815H		15		

for malignant gastric outlet obstruction



FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between inner and outer mesh
 - Unfixed cell structure enables stent to conform to tortuous anatomy
 - PTFE membrane prevents the risk of tissue invasion
 - Outer wire mesh prevents the risk of migration
- **Minimum foreshortening** for accurate stent placement
- **Radiopaque marker:** 4 (four) at both covered part ends



"The covered, triple-layer metal stent was effective and safe for managing malignant GOO and can prevent tumor ingrowth and stent migration."

◀ After the endoscope was withdrawn, the COMVI™ stent showed good conformability along the duodenum
[Gastrointest Endosc. 2012 Apr;75(4): 757-63]

ORDERING INFORMATION

TTS (Through The Scope)				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
PCT1806BA	18	6	10.5	180
PCT1808BA		8		
PCT1810BA		10		
PCT1812BA		12		
PCT2006BA	20	6		
PCT2008BA		8		
PCT2010BA		10		
PCT2012BA		12		
PCT2206BA	22	6		
PCT2208BA		8		
PCT2210BA		10		
PCT2212BA		12		

* Available 220cm delivery system [Coding: PCT**__BA-22]

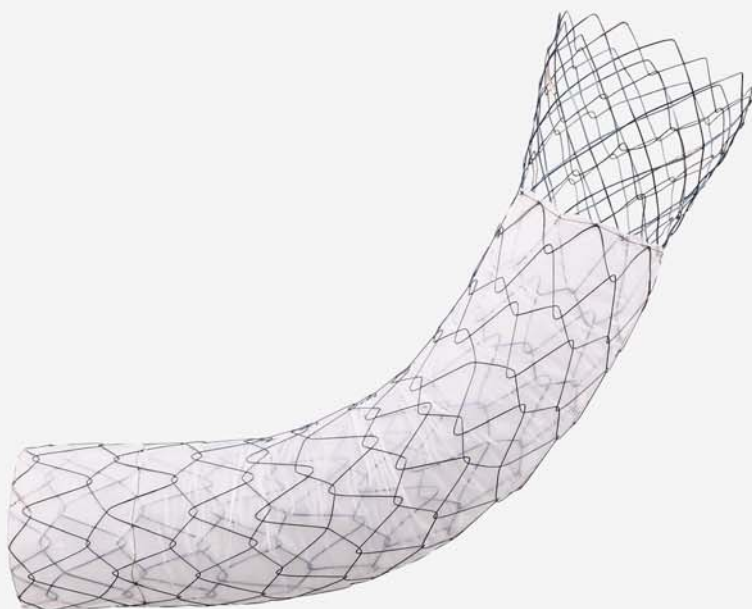
OTW (Over The Wire)						
Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		
PC1806BA	18	6	14	135		
PC1808BA		8				
PC1810BA		10				
PC1812BA		12				
PC2006BA	20	6				
PC2008BA		8				
PC2010BA		10				
PC2012BA		12				
PC2206BA	22	6			16	135
PC2208BA		8				
PC2210BA		10				
PC2212BA		12				
PC2406BA	24	6				
PC2408BA		8				
PC2410BA		10				
PC2412BA		12				
PC2606BA	26	6	18	135		
PC2608BA		8				
PC2610BA		10				
PC2612BA		12				
PC2806BA	28	6				
PC2808BA		8				
PC2810BA		10				
PC2812BA		12				

RELEASED ARTICLE

* Management of malignant gastric outlet obstruction with a modified triple-layer covered metal stent
by Hiroyuki Isayama, MD, PhD et al [Gastrointest Endosc. 2012 Apr;75(4):757-63]

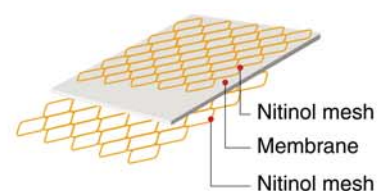
* Self-expanding metallic stents for gastric outlet obstruction resulting from stomach cancer: a preliminary study with a newly designed double-layered pyloric stent by Sun Mi Lee, MD et al [Gastrointest Endosc. 2007 Dec;66(6):1206-10]

for malignant gastric outlet obstruction



FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between inner and outer mesh
 - Uncovered proximal flare end to reduce migration
 - Large cell structure of body with thick wire to reduce the risk of fracture and enhance radial force
 - PTFE membrane prevents the risk of the tissue invasion
- Large diameter (up to 26mm) is loaded into 10.5Fr delivery system
- Minimum foreshortening for accurate stent placement
- Radiopaque marker: 3 (three) at Flared end and 2 (two) on both ends of body



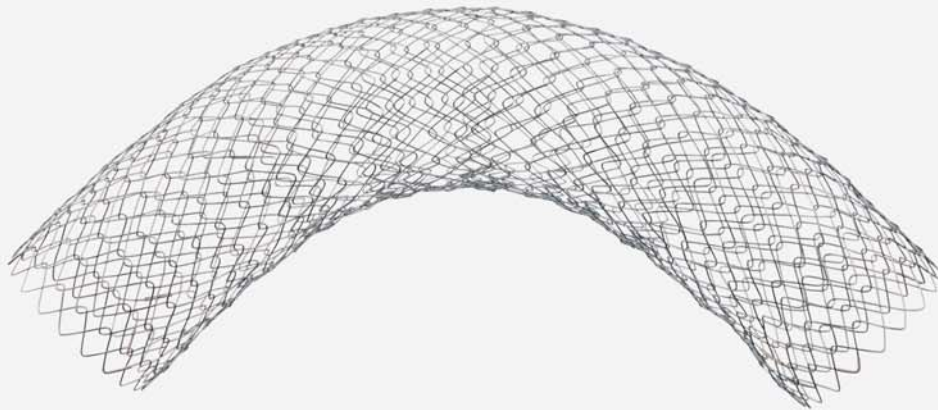
ORDERING INFORMATION

TTS (Through The Scope)				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
PCT1806P	18	6	10.5	180
PCT1808P		8		
PCT1810P		10		
PCT1812P		12		
PCT2006P	20	6		
PCT2008P		8		
PCT2010P		10		
PCT2012P		12		
PCT2206P	22	6		
PCT2208P		8		
PCT2210P		10		
PCT2212P		12		
PCT2406P	24	6		
PCT2408P		8		
PCT2410P		10		
PCT2412P		12		
PCT2606P	26	6		
PCT2608P		8		
PCT2610P		10		
PCT2612P		12		



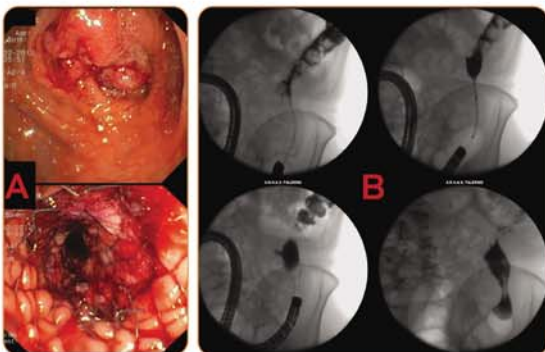
Enteral Colonic Stent

for malignant colorectal obstruction



FEATURE

- Unfixed cell with weaving construction
 - Maximize conformability to prevent migration and the risk of perforation
 - Optimal combination of radial and axial force to maintain patency in tortuous anatomy
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



- A.** SEMS placement for occlusion due to colorectal cancer of the descending colon
- B.** Improvement of the patient's symptoms after stent placement

by Roberto Di Mitri et al [Scientific World Journal. 2014 Jan 2;2014:651765]

ORDERING INFORMATION

TTS (Through The Scope)					OTW (Over The Wire)																									
Code	Stent		Delivery		Code	Stent		Delivery																						
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)																					
CDT1806	18	6	10	220	CD1806	18	6	16	70																					
CDT1808		8			CD1808		8																							
CDT1810		10			CD1810		10																							
CDT1812		12			CD1812		12																							
CDT1814		14			CD1814		14																							
CDT1815		15			CD1815		15																							
CDT2006	20	6			10	220	CD2006			20	6	16	70																	
CDT2008		8					CD2008				8																			
CDT2010		10					CD2010				10																			
CDT2012		12					CD2012				12																			
CDT2014		14					CD2014				14																			
CDT2015		15					CD2015				15																			
CDT2206	22	6					10			220	CD2206			22	6	16	70													
CDT2208		8									CD2208				8															
CDT2210		10									CD2210				10															
CDT2212		12									CD2212				12															
CDT2214		14									CD2214				14															
CDT2215		15									CD2215				15															
CDT2406	24	6									10			220	CD2406			24	6	16	70									
CDT2408		8													CD2408				8											
CDT2410		10													CD2410				10											
CDT2412		12													CD2412				12											
CDT2414		14													CD2414				14											
CDT2415		15													CD2415				15											
CDT2606	26	6	10.5												220			CD2606	26			6	18	70						
CDT2608		8																CD2608				8								
CDT2610		10																CD2610				10								
CDT2612		12																CD2612				12								
CDT2614		14																CD2614				14								
CDT2615		15																CD2615				15								
CDT2806	28	6			10.5													220	CD2806			28			6	18	70			
CDT2808		8																	CD2808						8					
CDT2810		10																	CD2810						10					
CDT2812		12																	CD2812						12					
CDT2814		14																	CD2814						14					
CDT2815		15																	CD2815						15					
																						CD3006			30			6	18	70
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* Available 120cm delivery system [Coding: CDT**__-12]

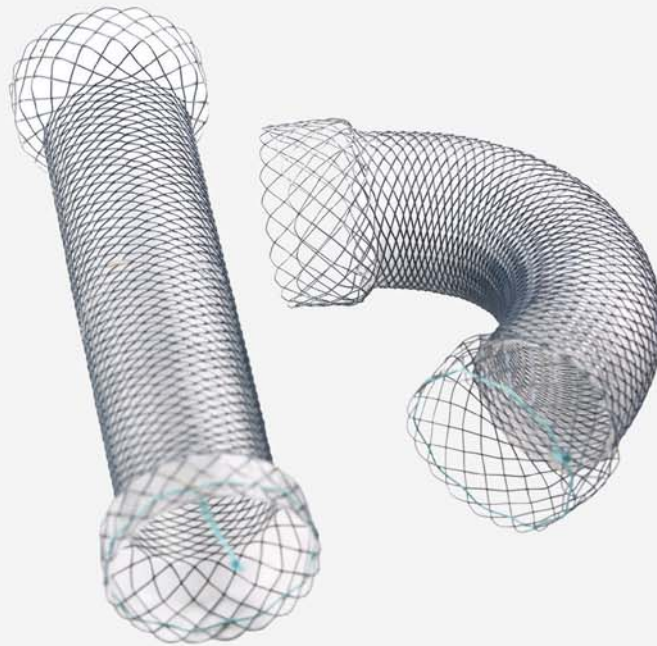
RELEASED ARTICLE

- * Endoscopic stenting as bridge-to-surgery(BTS) in left-sided obstructing colorectal cancer: Experience with conformable stents by Andrea Parodi et al [Clin Res Hepatol Gastroenterol. 2016 Nov;40(5):638-644]
- * Endoscopic Double Metallic Stenting in the Afferent and Efferent Loops for Malignant Afferent Loop Obstruction with Billroth II Anatomy by Nakahara K et al [Clin Endosc. 2016 Jan;49(1):97-9]
- * The New Nitinol Conformable Self-Expandable Metal Stents for Malignant Colonic Obstruction: A Pilot Experience as Bridge to Surgery Treatment by Roberto DiMiri and Filippo Mocciano [Scientific World Journal. 2014 Jan 2;2014:651765]
- * Self-Expandable Metal Stent for Malignant Colonic Obstruction: Outcome in Proximal vs. Left Sided Tumor Localization by A. O. Tal et al [Z Gastroenterol. 2013 Jun;51(6):551-7]
- * Novel method of stent insertion for malignant lower rectal obstruction with proximal releasing delivery system (with video) by Kee Myung Lee, MD, PhD et al [Gastrointest Endosc. 2013 Dec;78(6):930-3]
- * Outcome and safety of self-expandable metallic stents for malignant colon obstruction: a Korean multicenter randomized prospective study by Dae Young Cheung et al [Surg Endosc. 2012 Nov;26(11):3106-13]
- * Comparison of a Newly Designed Double-Layered Combination Covered Stent and D-Weave Uncovered Stent for Decompression of Obstructive Colorectal Cancer: A Prospective Multicenter Study by Chang Mo Moon, M.D. et al [Dis Colon Rectum. 2010 Aug;53(8):1190-6]



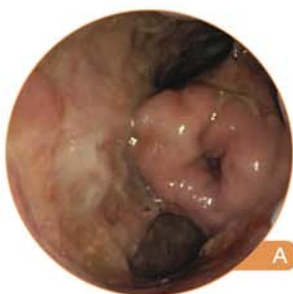
Enteral Colonic Stent

for benign and malignant colorectal obstruction



FEATURE

- Fixed cell with braided construction
 - High flexibility and optimal radial force
- Silicone covering and soft round ends
 - Reduce tissue ingrowth and hyperplasia reaction
- Visible green suture for easy removal
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



A. Complete disunion of the ileoanal anastomosis
B. The 5-week endoscopic control showing complete repair of the anastomotic disunion

by Laila Amrani, MD et al [Gastrointest Endosc. 2009 Jun;69(7):1282-7]

ORDERING INFORMATION

TTS (Through The Scope)

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CST1806F	18	6	10.5	220
CST1808F		8		
CST1810F		10		
CST1812F		12		
CST1814F		14		
CST1815F		15		
CST2006F	20	6		
CST2008F		8		
CST2010F		10		
CST2012F		12		
CST2014F		14		
CST2015F		15		

OTW (Over The Wire)

► Fully covered

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CS1806F	18	6	16	70
CS1808F		8		
CS1810F		10		
CS1812F		12		
CS1814F		14		
CS1815F		15		
CS2006F	20	6	20	
CS2008F		8		
CS2010F		10		
CS2012F		12		
CS2014F		14		
CS2015F		15		
CS2206F	22	6	20	
CS2208F		8		
CS2210F		10		
CS2212F		12		
CS2214F		14		
CS2215F		15		
CS2406F	24	6	22	
CS2408F		8		
CS2410F		10		
CS2412F		12		
CS2414F		14		
CS2415F		15		
CS2606F	26	6	22	
CS2608F		8		
CS2610F		10		
CS2612F		12		
CS2614F		14		
CS2615F		15		
CS2806F	28	6	22	
CS2808F		8		
CS2810F		10		
CS2812F		12		
CS2814F		14		
CS2815F		15		

RELEASED ARTICLE

* From iatrogenic digestive perforation to complete anastomotic disunion: endoscopic stenting as a new concept of stent-guided regeneration and re-epithelialization by Laila Amrani, MD et al [Gastrointest Endosc. 2009 Jun;69(7):1282-7]

ORDERING INFORMATION

TTS (Through The Scope)

► Both ends bare

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CST1806B	18	6	10.5	220
CST1808B		8		
CST1810B		10		
CST1812B		12		
CST1814B		14		
CST1815B		15		
CST2006B	20	6		
CST2008B		8		
CST2010B		10		
CST2012B		12		
CST2014B		14		
CST2015B		15		

OTW (Over The Wire)

► Both ends bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	
CS1806B	18	6	16	70	
CS1808B		8			
CS1810B		10			
CS1812B		12			
CS1814B		14			
CS1815B		15			
CS2006B	20	6	20		
CS2008B		8			
CS2010B		10			
CS2012B		12			
CS2014B		14			
CS2015B		15			
CS2206B		22			6
CS2208B	8				
CS2210B	10				
CS2212B	12				
CS2214B	14				
CS2215B	15				
CS2406B	24	6	22		
CS2408B		8			
CS2410B		10			
CS2412B		12			
CS2414B		14			
CS2415B		15			
CS2606B	26	6		22	
CS2608B		8			
CS2610B		10			
CS2612B		12			
CS2614B		14			
CS2615B		15			
CS2806B	28	6			22
CS2808B		8			
CS2810B		10			
CS2812B		12			
CS2814B		14			
CS2815B		15			

ORDERING INFORMATION

TTS (Through The Scope)

► Distal ends bare

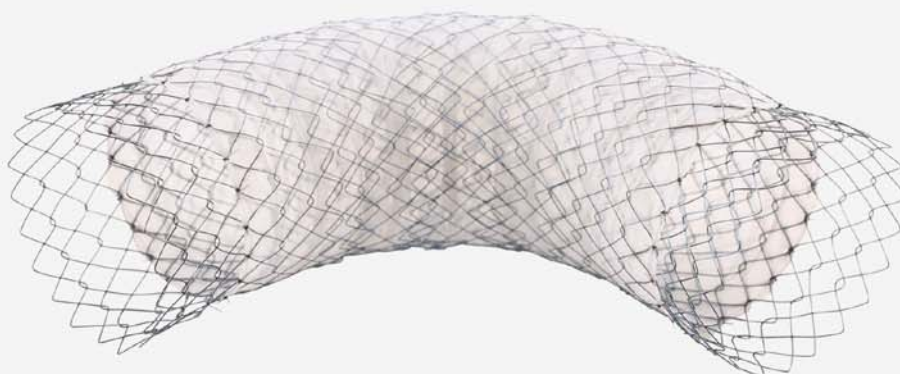
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
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CST1808H		8		
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CST1812H		12		
CST1814H		14		
CST1815H		15		
CST2006H	20	6		
CST2008H		8		
CST2010H		10		
CST2012H		12		
CST2014H		14		
CST2015H		15		

OTW (Over The Wire)

► Distal ends bare

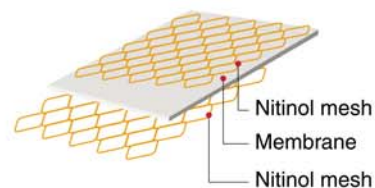
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CS1806H	18	6	16	70
CS1808H		8		
CS1810H		10		
CS1812H		12		
CS1814H		14		
CS1815H		15		
CS2006H	20	6	20	
CS2008H		8		
CS2010H		10		
CS2012H		12		
CS2014H		14		
CS2015H		15		
CS2206H		22		
CS2208H	8			
CS2210H	10			
CS2212H	12			
CS2214H	14			
CS2215H	15			
CS2406H	24	6	22	
CS2408H		8		
CS2410H		10		
CS2412H		12		
CS2414H		14		
CS2415H		15		
CS2606H	26	6		
CS2608H		8		
CS2610H		10		
CS2612H		12		
CS2614H		14		
CS2615H		15		
CS2806H	28	6		
CS2808H		8		
CS2810H		10		
CS2812H		12		
CS2814H		14		
CS2815H		15		

for malignant colorectal obstruction

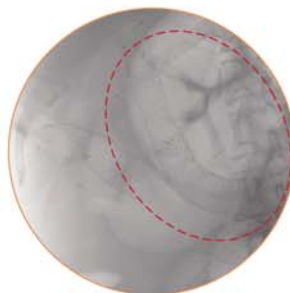


FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between inner and outer mesh
 - Unfixed cell structure enables stent to conform to tortuous anatomy
 - PTFE membrane prevents the risk of the tissue invasion
 - Outer wire mesh prevents the risk of migration
- **Minimum foreshortening** for accurate stent placement
- **Radiopaque marker:** 4 (four) at both covered part ends



[Kangbuk samsung hospital, Seoul]



[Soonchunhyang hospital, Seoul]

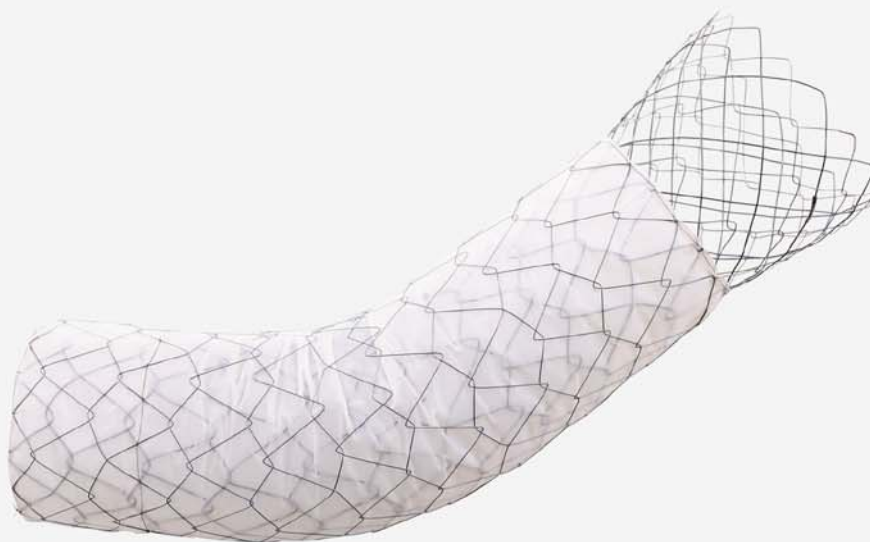
ORDERING INFORMATION

TTS (Through The Scope)					OTW (Over The Wire)												
Code	Stent		Delivery		Code	Stent		Delivery									
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)								
CCT1806BA	18	6	10.5	220	CC1806BA	18	6	14	70								
CCT1808BA		8			CC1808BA		8										
CCT1810BA		10			CC1810BA		10										
CCT1812BA		12			CC1812BA		12										
CCT2006BA	20	6			10.5	220	CC2006BA			20	6	16	70				
CCT2008BA		8					CC2008BA				8						
CCT2010BA		10					CC2010BA				10						
CCT2012BA		12					CC2012BA				12						
CCT2206BA	22	6					10.5			220	CC2206BA			22	6	18	70
CCT2208BA		8									CC2208BA				8		
CCT2210BA		10									CC2210BA				10		
CCT2212BA		12									CC2212BA				12		
								CC2406BA	24		6						
								CC2408BA			8						
								CC2410BA			10						
								CC2412BA			12						
					CC2606BA	26		6									
					CC2608BA			8									
					CC2610BA			10									
					CC2612BA			12									
					CC2806BA	28	6										
					CC2808BA		8										
					CC2810BA		10										
					CC2812BA		12										

RELEASED ARTICLE

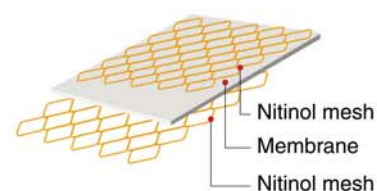
- * Successful Palliation of a Malignant Cologastric Fistula with a Covered Self-Expanding Metal Stent
by Mathilde Therese Winther Breitenbauch et al [Clin Endosc. 2015 Nov;48(6):576-8]
- * Comparison of efficacies between stents for malignant colorectal obstruction: a randomized, prospective study
by Semi Park et al [Gastrointest Endosc. 2010 Aug;72(2):304-10]
- * Comparison of a Newly Designed Double-Layered Combination Covered Stent and D-Weave Uncovered Stent for Decompression of Obstructive Colorectal Cancer: A Prospective Multicenter Study by Chang Mo Moon, MD, et al [Dis Colon Rectum. 2010 Aug;53(8):1190-6]

for malignant colorectal obstruction



FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between inner and outer mesh
 - Uncovered proximal flare end to reduce migration
 - Large cell structure of body with thick wire to reduce the risk of fracture and enhance radial force
 - PTFE membrane prevents the risk of the tissue invasion
- Large diameter (up to 26mm) is loaded into 10.5Fr delivery system
- Minimum foreshortening for accurate stent placement
- Radiopaque marker: 3 (three) at Flared end and 2 (two) on both ends of body



ORDERING INFORMATION

TTS (Through The Scope)				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
CCT1806P	18	6	10.5	220
CCT1808P		8		
CCT1810P		10		
CCT1812P		12		
CCT2006P	20	6		
CCT2008P		8		
CCT2010P		10		
CCT2012P		12		
CCT2206P	22	6		
CCT2208P		8		
CCT2210P		10		
CCT2212P		12		
CCT2406P	24	6		
CCT2408P		8		
CCT2410P		10		
CCT2412P		12		
CCT2606P	26	6		
CCT2608P		8		
CCT2610P		10		
CCT2612P		12		



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