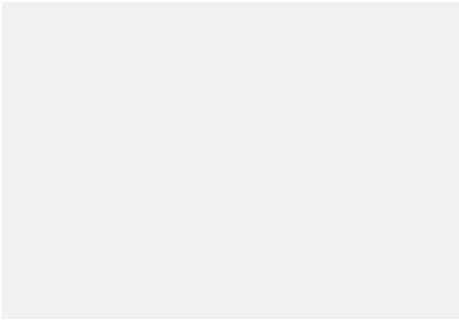
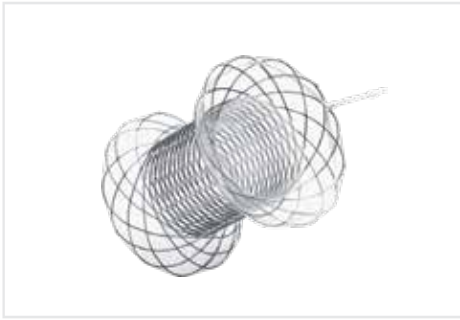
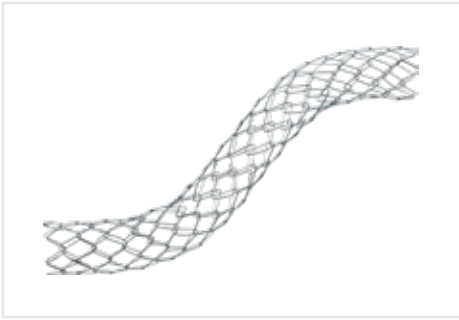
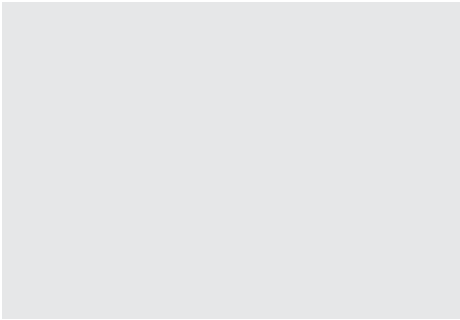
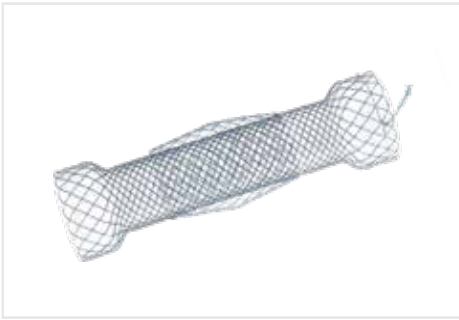
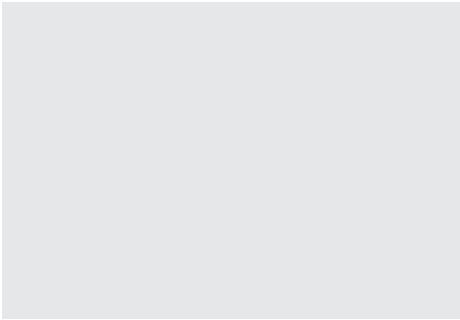
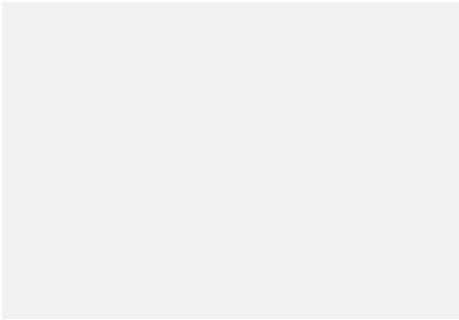
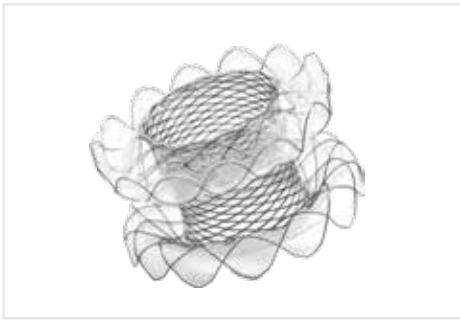




TAEWOONG
NITI-S™



Biliary Stent

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

Esophageal Stent

36	S Esophageal Stent
40	DUAL™ Esophageal Stent
42	DOUBLE™ Esophageal Stent
44	DOUBLE™ Esophageal Stent (Anti-reflux)
46	CERIVICAL™ Esophageal Stent
48	CONIO™ Esophageal Stent
50	MEGA™ Esophageal Stent
52	BETA™ Esophageal Stent
54	Various Delivery Systems for Esophageal Stents
	- Proximal Release Delivery System
	- Through The Scope (TTS) Delivery System

Pyloric/Duodenal Stent

56	D Pyloric/Duodenal Stent
58	S Pyloric/Duodenal Stent
62	COMVI™ Pyloric/Duodenal Stent
64	COMVI™ Pyloric/Duodenal Stent (Flare)

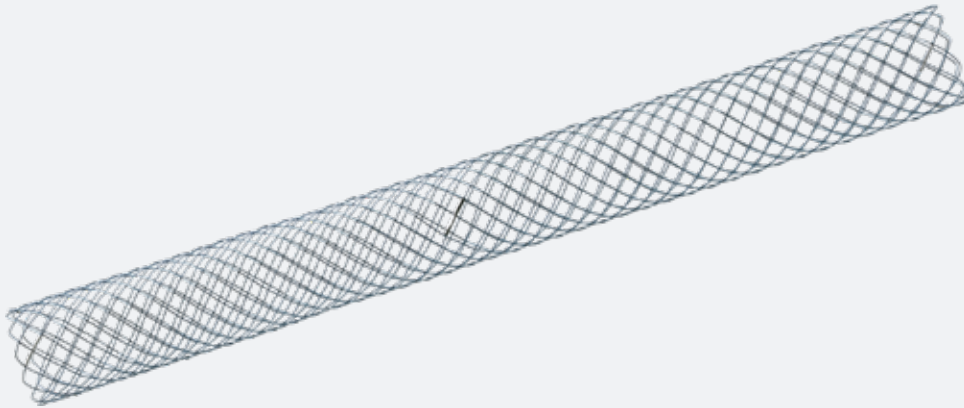
Enteral Colonic Stent

66	D Enteral Colonic Stent
68	S Enteral Colonic Stent
72	COMVI™ Enteral Colonic Stent
74	COMVI™ Enteral Colonic Stent (Flare)



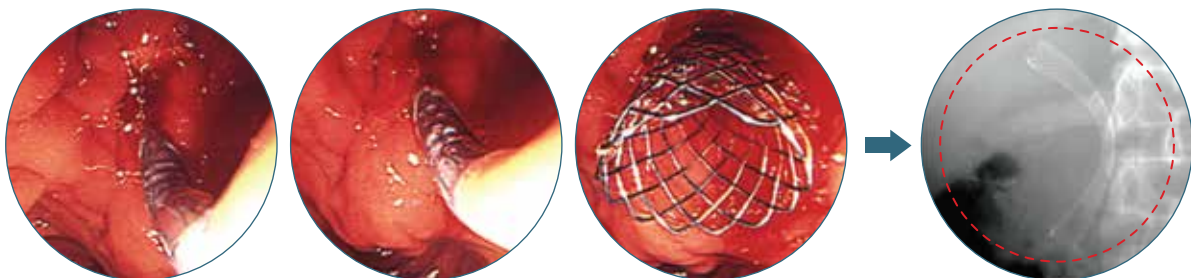
Biliary Stent (Uncovered)

for malignant biliary strictures



FEATURE

- Fixed cells with a 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			T0804	8	4		
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			T1004	10	4		
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

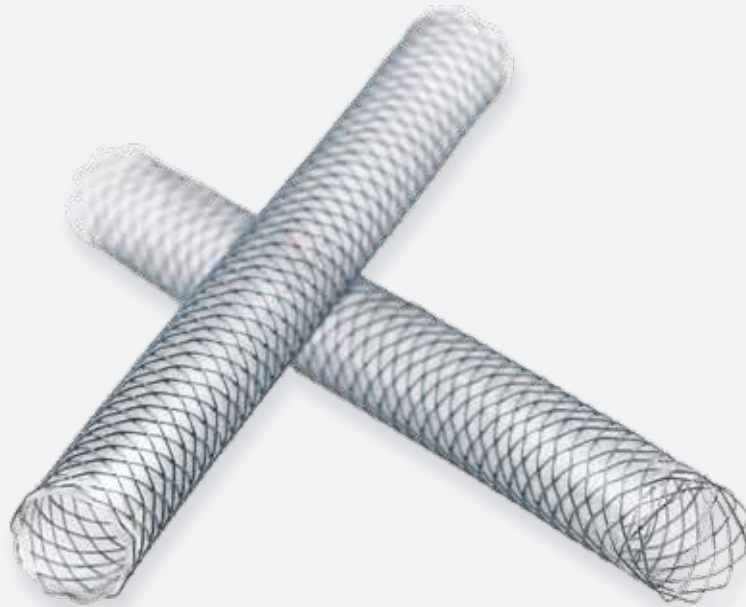
* Pneumoperitoneum Following percutaneous biliary Intervention : Not Necessarily a Cause for Alarm
by Suraj J. Amonkar et al [Cardiovasc Intervent Radiol. 2008 Mar-Apr;31(2):439-43]

* 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]



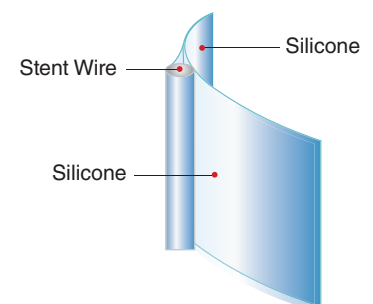
Biliary Stent (Covered)

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		

► Both ends 5mm bare

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BS0604B	6	4	8.5	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

► 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		

► Both ends 5mm bare

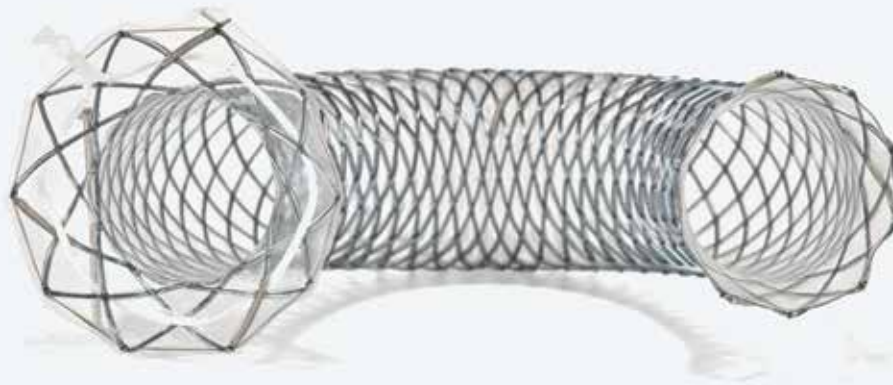
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
TS0604B	6	4	8	50
TS0605B		5		
TS0606B		6		
TS0607B		7		
TS0608B		8		
TS0609B		9		
TS0610B		10		
TS0612B		12		
TS0804B	8	4		
TS0805B		5		
TS0806B		6		
TS0807B		7		
TS0808B		8		
TS0809B		9		
TS0810B		10		
TS0812B		12		
TS1004B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

RELEASED ARTICLE

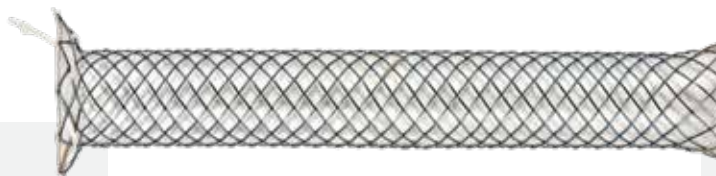
- * Clinical Outcome of Endoscopic Ultrasound-Guided Liver Abscess Drainage Using Self-Expandable Covered Metallic Stent (with Video)
by Takeshi Ogura et al [Dig Dis Sci. 2016 Jan;61(1):303-8]
- * Polyurethane-Covered Self-Expandable Nitinol Stent for Malignant Biliary Obstruction: Preliminary Results
by Young-Min Han et al [Cardiovasc Intervent Radiol. 2002 Sep-Oct;25(5):381-7]

S Flare Biliary Stent

for benign and malignant biliary stricture



FEATURE



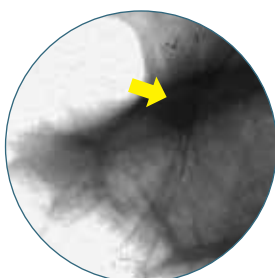
Proximal Flange

- Located outside of the papilla

Distal Flange

- Located in the bile duct

- The full silicone-covered body prevents tissue-ingrowth
- Flares at both ends with different angles prevent migration effectively
- A proximal retrieval string helps for easy removal or repositioning



The S Flare stent insertion for the resolution of biliary duct stricture due to advanced pancreatic cancer.

by Diego Fregonese et al [DDW 2018 Abstract]

ORDERING INFORMATION

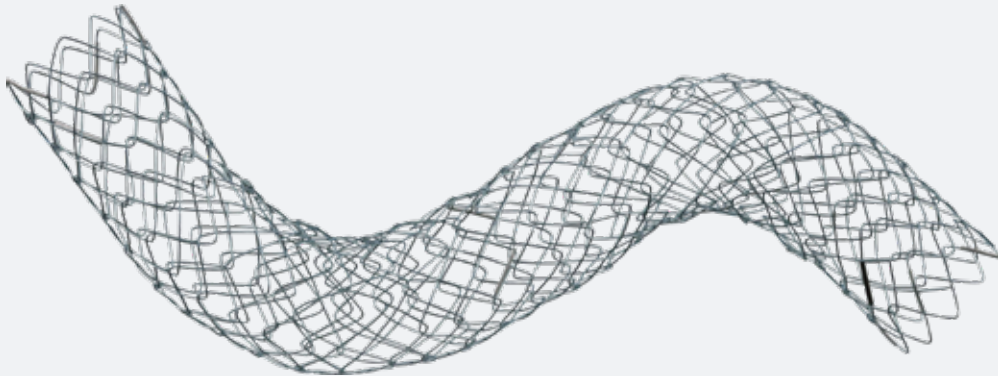
Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BS0604FW	6	4	8.5	180
BS0605FW		5		
BS0606FW		6		
BS0607FW		7		
BS0608FW		8		
BS0609FW		9		
BS0610FW		10		
BS0612FW		12		
BS0804FW	8	4		
BS0805FW		5		
BS0806FW		6		
BS0807FW		7		
BS0808FW		8		
BS0809FW		9		
BS0810FW		10		
BS0812FW		12		
BS1004FW	10	4		
BS1005FW		5		
BS1006FW		6		
BS1007FW		7		
BS1008FW		8		
BS1009FW		9		
BS1010FW		10		
BS1012FW		12		

Percutaneous Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
TS0604FW	6	4	8.5	50
TS0605FW		5		
TS0606FW		6		
TS0607FW		7		
TS0608FW		8		
TS0609FW		9		
TS0610FW		10		
TS0612FW		12		
TS0804FW	8	4		
TS0805FW		5		
TS0806FW		6		
TS0807FW		7		
TS0808FW		8		
TS0809FW		9		
TS0810FW		10		
TS0812FW		12		
TS1004FW	10	4		
TS1005FW		5		
TS1006FW		6		
TS1007FW		7		
TS1008FW		8		
TS1009FW		9		
TS1010FW		10		
TS1012FW		12		



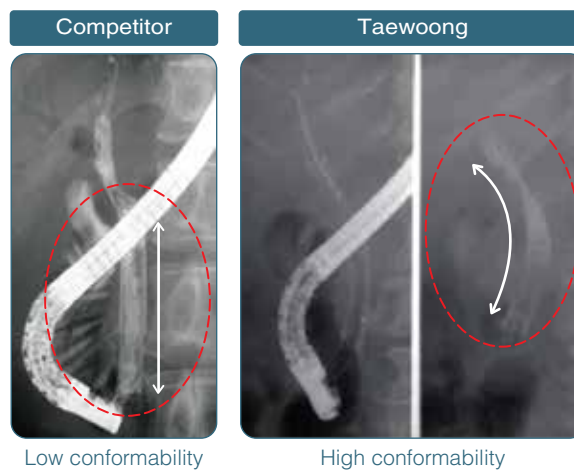
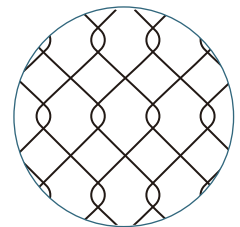
Biliary Stent

for malignant biliary strictures



FEARURE

- Unfixed cells with a 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			TD0804	8	4		
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			TD1004	10	4		
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		

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]



Biliary Stent

for malignant hilar stricture



Smooth Side-by-Side Stenting Procedure
with A New 6Fr Delivery System

FEATURE

- Braided and a weaving construction
 - Foreshortening reduced while preserving optimal conformability
- Smooth Side-by-Side Stenting Procedure
 - 2 (Two) 6Fr delivery systems can be introduced simultaneously into the working channel for the side-by-side stenting procedure at the hilar biliary stricture
- Radiopaque markers: 3 (three) at both ends & 2 (two) in the middle



ORDERING INFORMATION

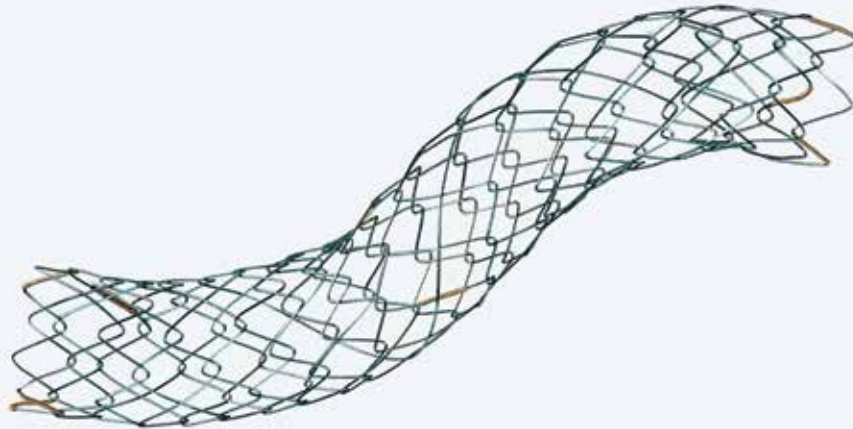
Endoscopic Approach					Percutaneous Approach				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BN0604-6	6	4	6	180	TN0604-6	6	4	6	50
BN0605-6		5			TN0605-6		5		
BN0606-6		6			TN0606-6		6		
BN0607-6		7			TN0607-6		7		
BN0608-6		8			TN0608-6		8		
BN0609-6		9			TN0609-6		9		
BN0610-6		10			TN0610-6		10		
BN0612-6		12			TN0612-6		12		
BN0804-6	8	4			TN0804-6	8	4		
BN0805-6		5			TN0805-6		5		
BN0806-6		6			TN0806-6		6		
BN0807-6		7			TN0807-6		7		
BN0808-6		8			TN0808-6		8		
BN0809-6		9			TN0809-6		9		
BN0810-6		10			TN0810-6		10		
BN0812-6		12			TN0812-6		12		
BN0604	6	4	7		TN0604	6	4	7	
BN0605		5			TN0605		5		
BN0606		6			TN0606		6		
BN0607		7			TN0607		7		
BN0608		8			TN0608		8		
BN0609		9			TN0609		9		
BN0610		10			TN0610		10		
BN0612		12			TN0612		12		
BN0804	8	4			TN0804	8	4		
BN0805		5			TN0805		5		
BN0806		6			TN0806		6		
BN0807		7			TN0807		7		
BN0808		8			TN0808		8		
BN0809		9			TN0809		9		
BN0810		10			TN0810		10		
BN0812		12			TN0812		12		
BN1004	10	4			TN1004	10	4		
BN1005		5			TN1005		5		
BN1006		6			TN1006		6		
BN1007		7			TN1007		7		
BN1008		8			TN1008		8		
BN1009		9			TN1009		9		
BN1010		10			TN1010		10		
BN1012		12			TN1012		12		



Biliary Stent

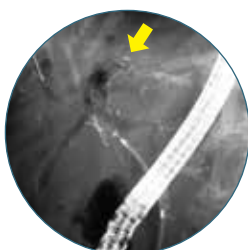
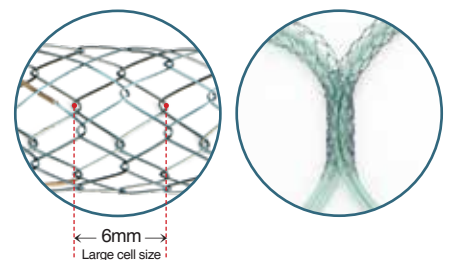
for hilar obstruction

6, 7, 8Fr delivery profile available



FEATURE

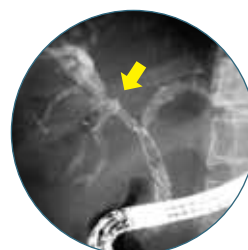
- Large-cell structure for easy 2nd stenting
 - The large cell design with a weaving construction enables convenient positioning of the 2nd stent
 - The low axial force and optimal radial force helps the stent firmly conform to the hilar biliary anatomy for patients' comfort
- The optimized design for the SIS (stent-in-stent) procedure
 - The adjustable vertical axis can be easily moved aside during the stent-in-stent procedure for the second stenting while enhancing the stent kinking resistance
 - The 6Fr delivery system facilitates easy access to the lesion while enabling smoother deployment
 - 7, 8Fr delivery systems are also available
- Radiopaque markers: 3 (three) at both ends & 2 (two) in the middle



Single stent insertion



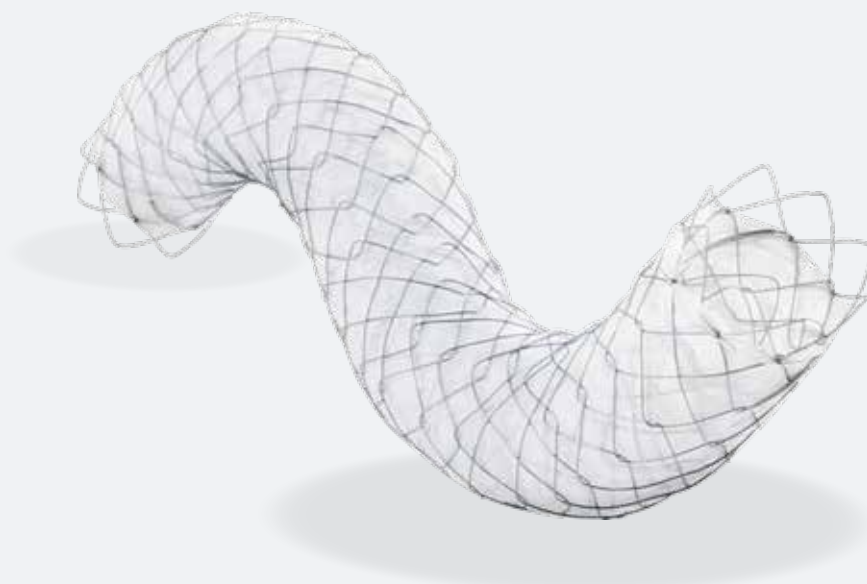
Two stent-in-stent technique



Three stent-in-stent technique

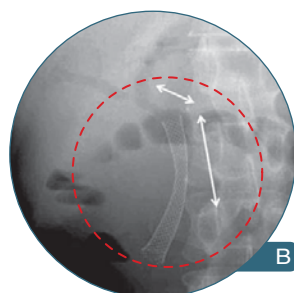
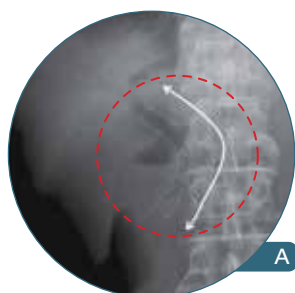
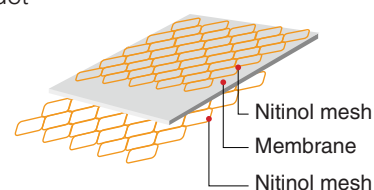
ORDERING INFORMATION

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	6	4	6	180	TLD0604-6	6	4	6	50
BLD0605-6		5			TLD0605-6		5		
BLD0606-6		6			TLD0606-6		6		
BLD0607-6		7			TLD0607-6		7		
BLD0608-6		8			TLD0608-6		8		
BLD0609-6		9			TLD0609-6		9		
BLD0610-6		10	7		TLD0610-6		10	7	
BLD0612-6		12			TLD0612-6		12		
BLD0604-7		4			TLD0604-7		4		
BLD0605-7		5			TLD0605-7		5		
BLD0606-7		6			TLD0606-7		6		
BLD0607-7		7			TLD0607-7		7		
BLD0608-7		8	8		TLD0608-7		8	8	
BLD0609-7		9			TLD0609-7		9		
BLD0610-7		10			TLD0610-7		10		
BLD0612-7		12			TLD0612-7		12		
BLD0604		4			TLD0604		4		
BLD0605		5			TLD0605		5		
BLD0606		6	TLD0606		6				
BLD0607		7	TLD0607		7				
BLD0608		8	TLD0608		8				
BLD0609		9	TLD0609		9				
BLD0610		10	TLD0610		10				
BLD0612		12	TLD0612		12				
BLD0804-6	8	4	6	180	TLD0804-6	8	4	6	50
BLD0805-6		5			TLD0805-6		5		
BLD0806-6		6			TLD0806-6		6		
BLD0807-6		7			TLD0807-6		7		
BLD0808-6		8			TLD0808-6		8		
BLD0809-6		9			TLD0809-6		9		
BLD0810-6		10	7		TLD0810-6		10	7	
BLD0812-6		12			TLD0812-6		12		
BLD0804-7		4			TLD0804-7		4		
BLD0805-7		5			TLD0805-7		5		
BLD0806-7		6			TLD0806-7		6		
BLD0807-7		7			TLD0807-7		7		
BLD0808-7		8	8		TLD0808-7		8	8	
BLD0809-7		9			TLD0809-7		9		
BLD0810-7		10			TLD0810-7		10		
BLD0812-7		12			TLD0812-7		12		
BLD0804		4			TLD0804		4		
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				
BLD1004-6	10	4	6	180	TLD1004-6	10	4	6	50
BLD1005-6		5			TLD1005-6		5		
BLD1006-6		6			TLD1006-6		6		
BLD1007-6		7			TLD1007-6		7		
BLD1008-6		8			TLD1008-6		8		
BLD1009-6		9			TLD1009-6		9		
BLD1010-6		10	7		TLD1010-6		10	7	
BLD1004-7		4			TLD1004-7		4		
BLD1005-7		5			TLD1005-7		5		
BLD1006-7		6			TLD1006-7		6		
BLD1007-7		7			TLD1007-7		7		
BLD1008-7		8			TLD1008-7		8		
BLD1009-7		9	8		TLD1009-7		9	8	
BLD1010-7		10			TLD1010-7		10		
BLD1012-7		12			TLD1012-7		12		
BLD1004		4			TLD1004		4		
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				



FEATURE

- **Triple layered construction:** Biocompatible PTFE membrane tube is held between the inner and outer mesh
 - The unfixed cell structure enables the stent to conform to the shape of the bile duct
 - The PTFE membrane prevents the risk of tissue invasion
 - The 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		
BC0805F		5		
BC0806F		6		
BC0807F		7		
BC0808F		8		
BC0809F		9		
BC0810F		10		
BC0812F		12		
BC1004F	10	4		
BC1005F		5		
BC1006F		6		
BC1007F		7		
BC1008F		8		
BC1009F		9		
BC1010F		10		
BC1012F		12		

► 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		
BC0805B		5		
BC0806B		6		
BC0807B		7		
BC0808B		8		
BC0809B		9		
BC0810B		10		
BC0812B		12		
BC1004B	10	4		
BC1005B		5		
BC1006B		6		
BC1007B		7		
BC1008B		8		
BC1009B		9		
BC1010B		10		
BC1012B		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		
TC0805F		5		
TC0806F		6		
TC0807F		7		
TC0808F		8		
TC0809F		9		
TC0810F		10		
TC0812F		12		
TC1004F	10	4		
TC1005F		5		
TC1006F		6		
TC1007F		7		
TC1008F		8		
TC1009F		9		
TC1010F		10		
TC1012F		12		

► 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		
TC0805B		5		
TC0806B		6		
TC0807B		7		
TC0808B		8		
TC0809B		9		
TC0810B		10		
TC0812B		12		
TC1004B	10	4		
TC1005B		5		
TC1006B		6		
TC1007B		7		
TC1008B		8		
TC1009B		9		
TC1010B		10		
TC1012B		12		

RELEASED ARTICLE

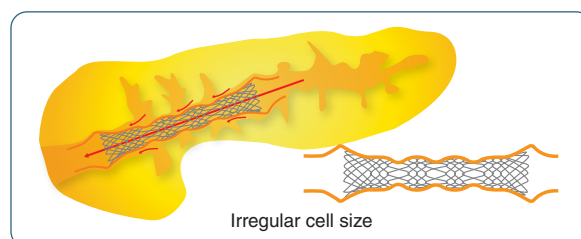
- * Prospective evaluation of the partially covered nitinol "COMVI™" stent for malignant non hilar biliary obstruction
by Vincenzo Perri et al [Dig Liver Dis. 2013 Apr;45(4):305-9]
- * Measurement of radial and axial forces of biliary self-expandable metallic stents
by Hiroyuki Isayama, MD, PhD et al [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]

for benign biliary and pancreatic strictures

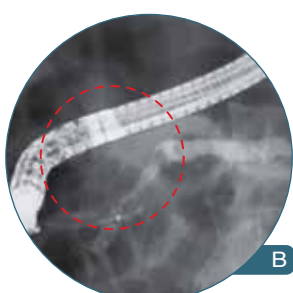
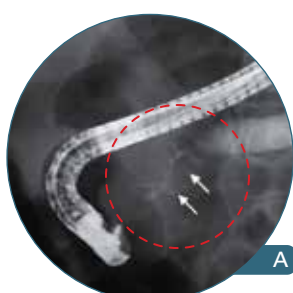


FEATURE

- **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 a removal string at the proximal end of the stent for 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			TK0804CW	8	4		
BK0805CW		5			TK0805CW		5		
BK0806CW		6			TK0806CW		6		
BK0807CW		7			TK0807CW		7		
BK0808CW		8			TK0808CW		8		
BK0809CW		9			TK0809CW		9		
BK0810CW		10			TK0810CW		10		
BK0812CW		12			TK0812CW		12		
BK1004CW	10	4			TK1004CW	10	4		
BK1005CW		5			TK1005CW		5		
BK1006CW		6			TK1006CW		6		
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]

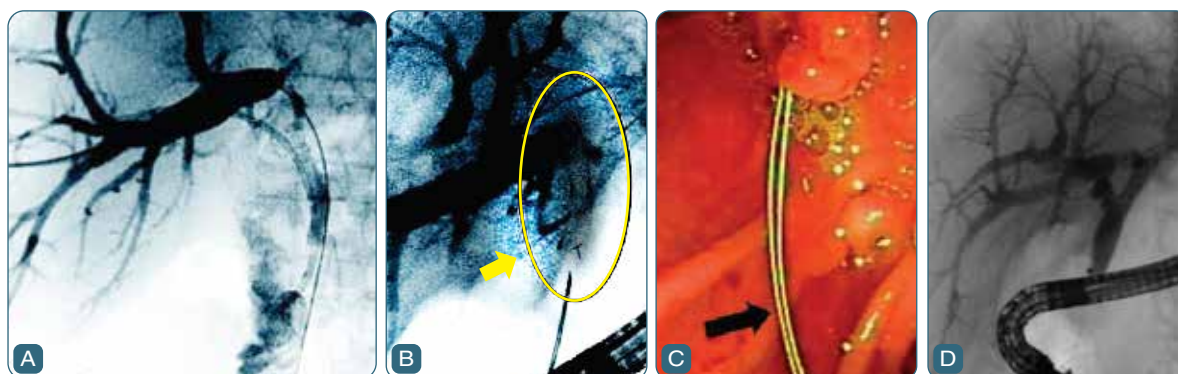
BUMPY™ String Biliary Stent

for anastomotic strictures after liver transplantation



FEATURE

- Both flare ends and the irregular body cell size of segmental radial force prevent the risk of migration
- The short length of the stent reduces stent-related complications
- Platinum radiopaque marked, 10cm long retrieval string helps easy removal
- Radiopaque marker: 3 (three) at both ends & 2 (two) in the middle



A. An anastomotic biliary strictures after living donor liver transplantation
B, C. The Bumpy-String stent with a radiopaque string (black arrow) extending into the duodenum under cholangiographic and endoscopic views
D. After 3 months, final cholangiogram showing resolution of the stricture

by Curcio G et al [Endoscopy. 2012;44 Suppl 2 UCTN:E74-5]

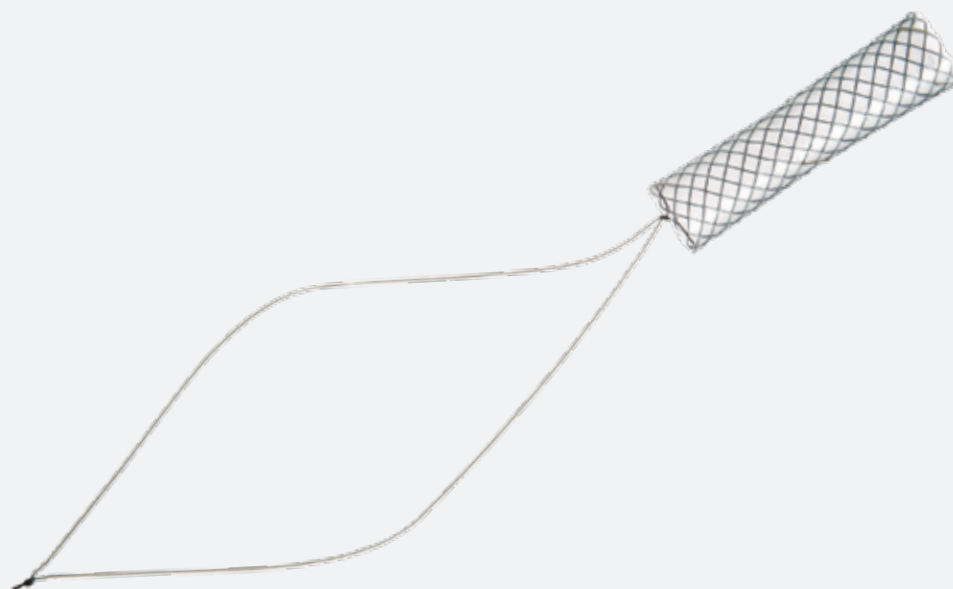
ORDERING INFORMATION

Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BK0604CW2	6	4	8.5	180
BK0606CW2		6		
BK0608CW2		8		
BK0804CW2	8	4		
BK0806CW2		6		
BK0808CW2		8		
BK1004CW2	10	4		
BK1006CW2		6		
BK1008CW2		8		

RELEASED ARTICLE

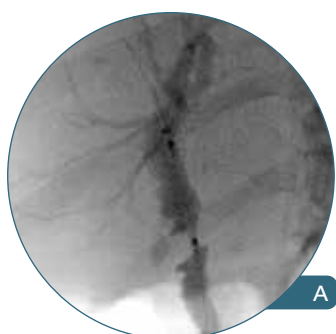
* Treatment of a refractory biliary stricture after living donor liver transplantation with a short, fully covered metal stent with a long string
by Curcio G et al [Endoscopy. 2012;44 Suppl 2 UCTN:E74-5]

for anastomotic strictures after liver transplantation



FEATURE

- **Characteristic waist at mid-portion of the stent:** The waist shape of the stent allows strong radial force and prevent migration
- **Short length of stent:** Using a short stent across the stricture prevents imparting pressure over a large area of the 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 the CBD
- **Radiopaque marker:** 3 (three) at both ends & 2 (two) in the middle



A tight anastomotic stricture post-OLT



The Niti-S Kaffes is inserted across the stricture



The stricture has completely resolved

ORDERING INFORMATION

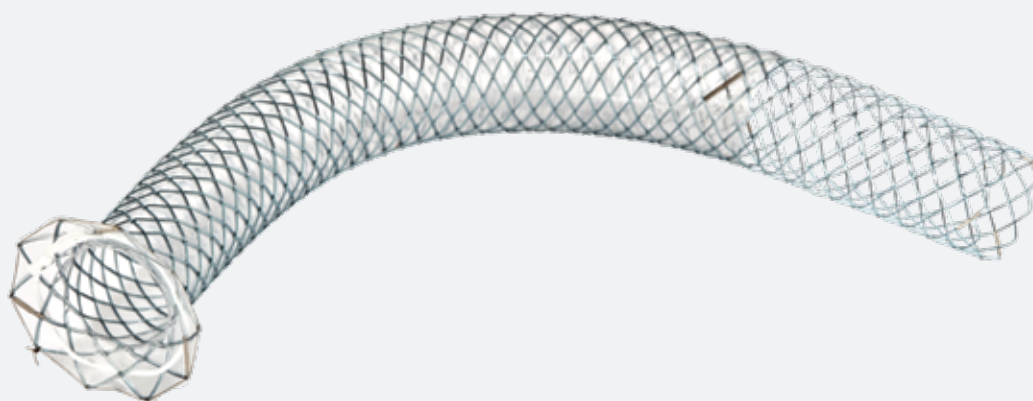
Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BS0604F2	6	4	8.5	180
BS0605F2		5		
BS0606F2		6		
BS0607F2		7		
BS0608F2		8		
BS0804F2	8	4		
BS0805F2		5		
BS0806F2		6		
BS0807F2		7		
BS0808F2		8		
BS1004F2	10	4	9	
BS1005F2		5		
BS1006F2		6		
BS1007F2		7		
BS1008F2		8		

Percutaneous Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
TS0604F2	6	4	8.5	50
TS0605F2		5		
TS0606F2		6		
TS0607F2		7		
TS0608F2		8		
TS0804F2	8	4		
TS0805F2		5		
TS0806F2		6		
TS0807F2		7		
TS0808F2		8		
TS1004F2	10	4	9	
TS1005F2		5		
TS1006F2		6		
TS1007F2		7		
TS1008F2		8		

RELEASED ARTICLE

- * The success of Kaffes stent insertions for post liver transplant anastomotic strictures
by Warner B. et al. [presented at British Transplant Society. 2018 Mar.]
- * 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

- **Partially covered design**

(1) The long covered portion (70%)

- prevents bile leakage between the left hepatic duct and the stomach

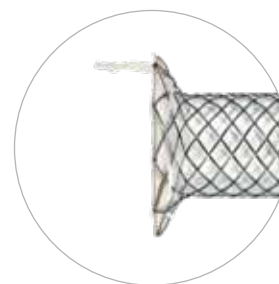
(2) The bare portion (30%)

- avoids the blockage of the side branches in the hepatic duct
- prevents migration into the hepatic duct

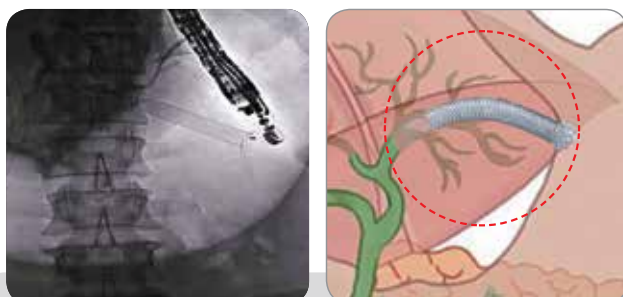
- **The Anti-migration flared end**

- is placed out of the stomach wall and prevents migration in the left intrahepatic duct

- **Radiopaque markers: 3 (three) at both ends & 2 (two) at the end of the covered part**



Fluoroscopic Image



Endoscopic Image



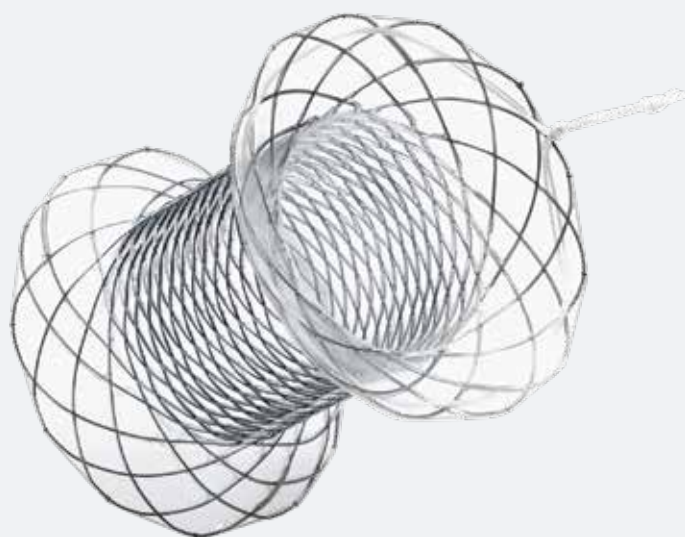
The flexible design greatly conforms to the curved track from the stomach to the left hepatic duct

ORDERING INFORMATION

Endoscopic Approach						
Code	Diameter (mm)	Stent			Delivery	
		Length (cm)			Profile (fr)	Usable Length (cm)
		Total	Covered	Bare		
BS0806FP	8	6	4.2	1.8	8.5	180
BS0808FP		8	5.6	2.4		
BS0810FP		10	7	3		
BS1010FP	10	6	4.2	1.8		
BS1008FP		8	5.6	2.4		
BS1010FP		10	7	3		

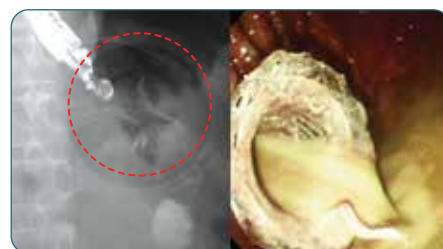
NAGI™ Stent

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

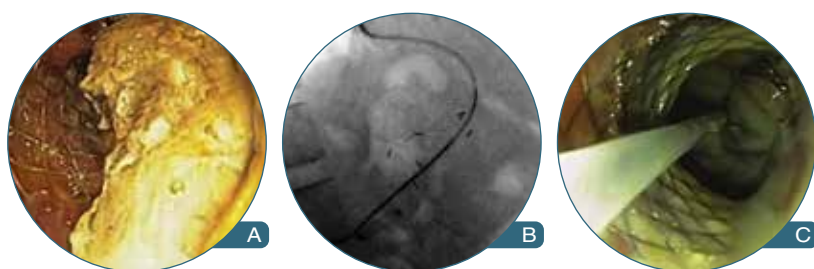


A large amount of pus came out through the stent



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]



A. Endoscopic image showing necrotic debris blocking the metal stent (clogged BFMS, Bi-flanged Metallic Stent)

B. Fluoroscopic image showing the nasocystic catheter placed across the BFMS

C. Endoscopic image showing direct endoscopic necrosectomy

by Nageshwar Reddy, DM [Gastrointest Endosc. 2017 Jun;85(6):1243-1252]

ORDERING INFORMATION

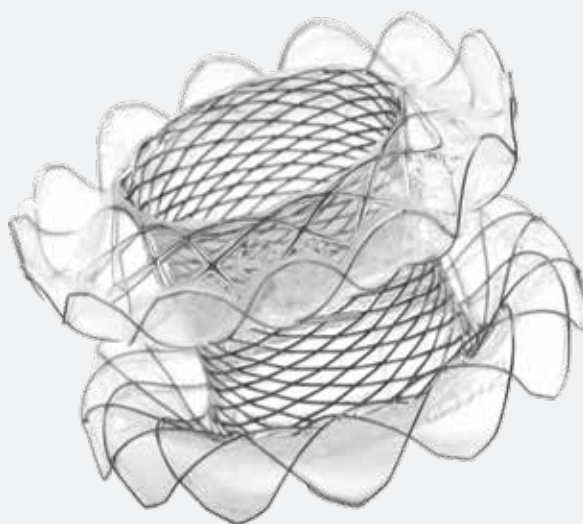
Endoscopic Approach				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
BS1001FW	10	1	9	180
BS1002FW		2		
BS1003FW		3		
BS1201FW	12	1		
BS1202FW		2		
BS1203FW		3		
BS1402FW	14	2	10	
BS1403FW		3		
BS1602FW	16	2		
BS1603FW		3		

RELEASED ARTICLE

- * Early removal of biflanged metal stents in the management of pancreatic walled-off necrosis. A prospective study
by Amit Maydeo et al. [Endoscopy. 2018; 50(06): 597-605]
- * 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]

SPAXUSTM Stent

for pancreatic pseudocyst or gallbladder drainage



Lumen-apposing SPAXUSTM Stent

- Prevents migration and maintains lumen apposition
- Fully silicone coated preventing leakage and in-growth
- The flexible design helps accommodative apposition regardless of the wall thickness
- 8, 10, 16mm diameters enable to apply various indications

User friendly designed SPAXUSTM Delivery system

- Step1. When the outer X-ray marker overlaps with the inner X-ray marker
→ The 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			

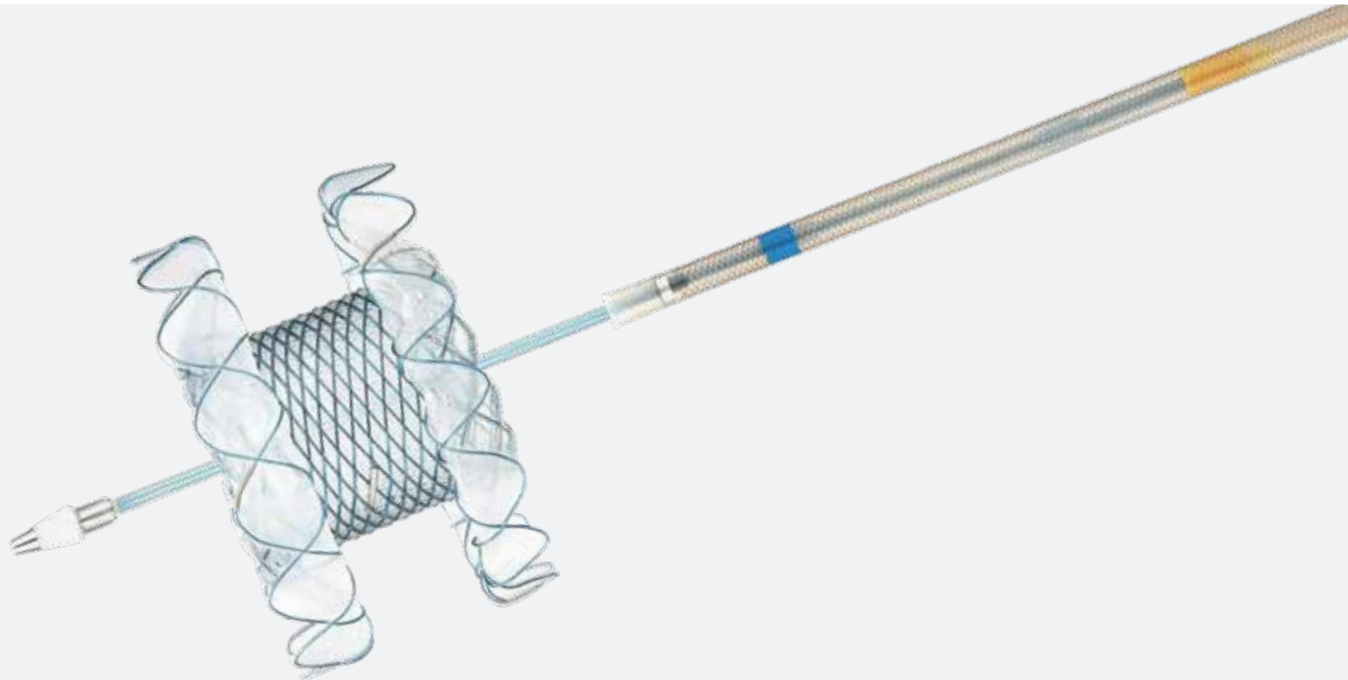
RELEASED ARTICLE

- * Prospective multicenter international study on the outcomes of a newly developed self-approximating lumen-apposing metallic stent for drainage of pancreatic fluid collections and endoscopic necrosectomy
by Anthony Yuen Bun Teoh et al. [Digestive Endoscopy 2019]
- * Feasibility and safety of endoscopic ultrasound-guided gallbladder drainage using a newly designed lumen-apposing metal stent
by Dong Hui Cho et al. [Surgical Endoscopy (2019) 33:2135–2141]
- * Efficacy of a novel lumen-apposing metal stent for the treatment of symptomatic pancreatic pseudocysts
by Tae Jun Song MD, PhD et al. [Gastrointest Endosc. 2019 <https://doi.org/10.1016/j.gie.2019.05.033>]
- * A newly designed fully covered metal stent for lumen apposition in EUS-guided drainage and access: a feasibility study (with videos)
by Jong Ho Moon, MD et al [Gastrointest Endosc. 2014 Jun;79(6):990-5]
- * Novel EUS-guided gastrojejunostomy technique using a new double-balloon enteric tube and lumen-apposing metal stent (with videos)
by Takao Itoi, MD, PhD et al [Gastrointest Endosc. 2013 Dec; 78(6):934-9]

HOT SPAXUS™

Stent

LAMS with an electrocautery-enabled delivery system



Lumen-apposing SPAXUS™ Stent

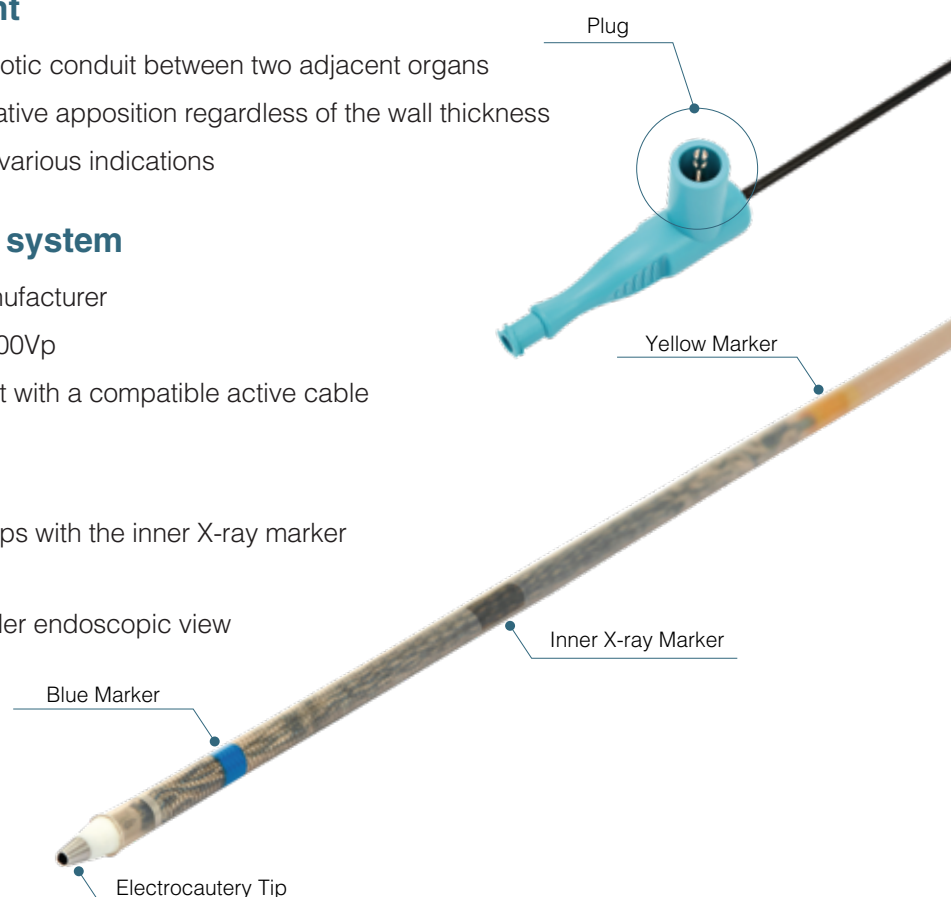
- Prevents migration and maintains anastomotic conduit between two adjacent organs
- The flexible flare design helps accommodative apposition regardless of the wall thickness
- 8, 10, 16mm diameters enable to apply to various indications

Electrocautery-enabled delivery system

- Select the pad specified by generator manufacturer
- Set to Pure Cut Mode 80-120 Watts, 400-500Vp
- Connect the plug to the electrosurgical unit with a compatible active cable

HOT SPAXUS™ Delivery system

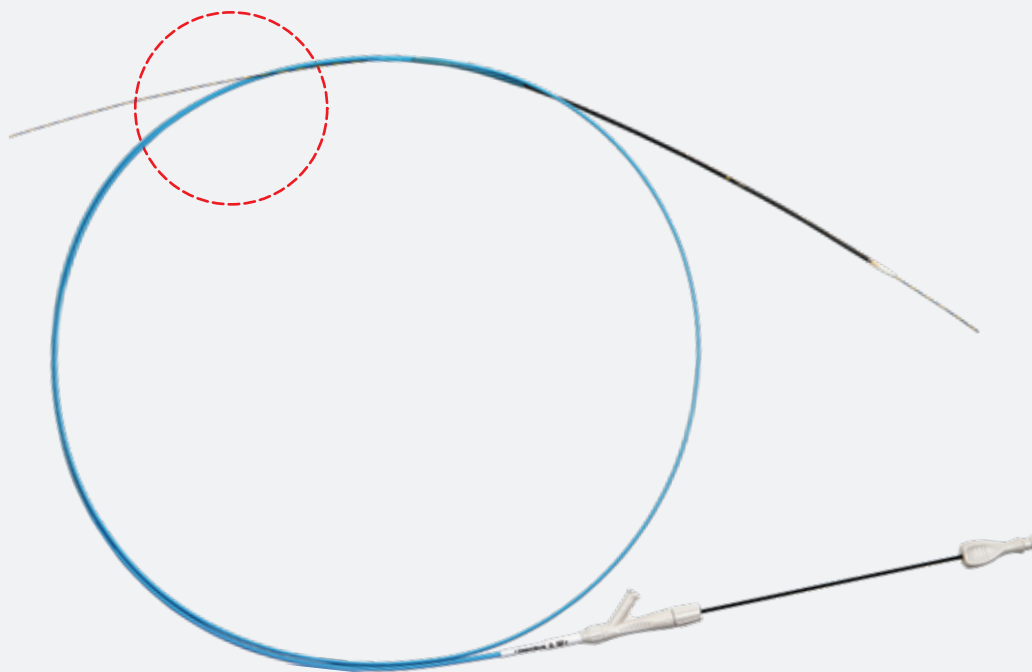
- Step1. When the outer X-ray marker overlaps with the inner X-ray marker
→ The distal flange is completely opened
- Step2. When the blue marker is visible under endoscopic view
→ Start opening proximal flange



ORDERING INFORMATION

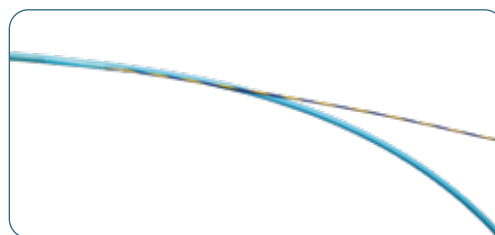
Endoscopic Approach						
Products	Code	Stent			Delivery	
		Body Diameter (mm)	Flare Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
	HSS0802FW	8	23	2	10	180
	HSS1002FW	10	25			
	HSS1602FW	16	31			

Short-wire Delivery System



Time saving, Easy controlling

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



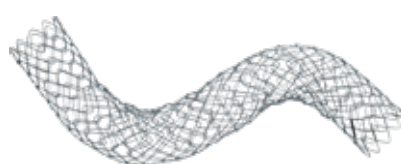
ORDERING INFORMATION

S 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		

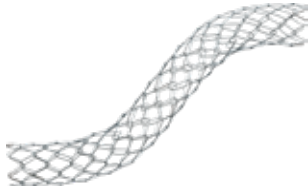
D Biliary Stent (Uncovered)



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		

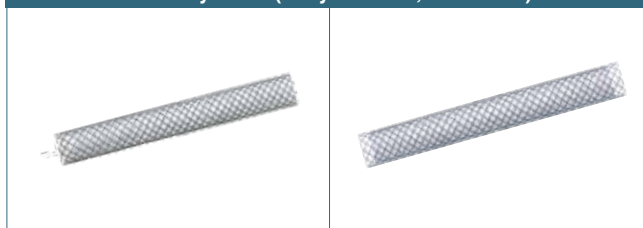
BUMPY™ Biliary Stent (Fully covered)



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		

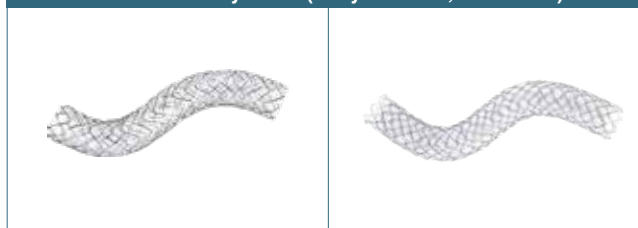
ORDERING INFORMATION

S Biliary Stent (Fully covered, Both bare)



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		

COMVI™ Biliary Stent (Fully covered, Both bare)

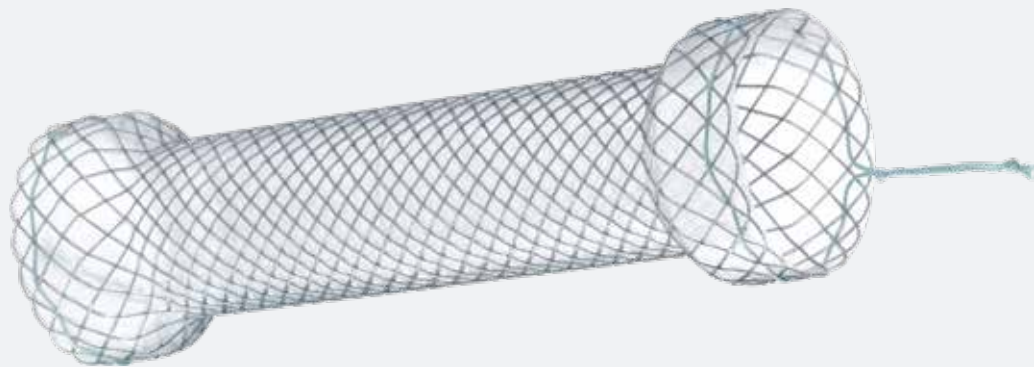


Code		Stent		Delivery	
Fully covered	Both ends bare	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)
BCM0604F	BCM0604B	6	4	8.5	180
BCM0605F	BCM0605B		5		
BCM0606F	BCM0606B		6		
BCM0607F	BCM0607B		7		
BCM0608F	BCM0608B		8		
BCM0609F	BCM0609B		9		
BCM0610F	BCM0610B		10		
BCM0612F	BCM0612B		12		
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		



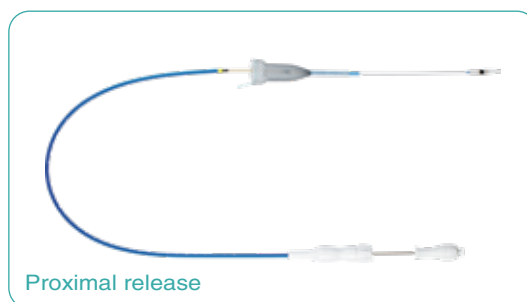
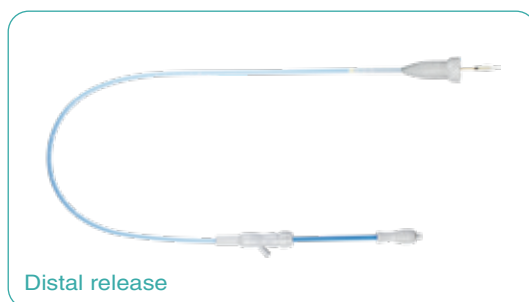
Esophageal Stent

for benign and malignant esophageal strictures



FEATURE

- Fixed cell with a 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				
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			16
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			20
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			22
ES2808B		8			
ES2810B		10			
ES2812B		12			
ES2814B		14			
ES2815B		15			

*Stents with retrieval strings on both ends: ES**##FR2

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	20			
ESP1808F		8				
ESP1810F		10				
ESP1812F		12				
ESP1814F		14				
ESP1815F		15				
ESP2006F	20	6			22	
ESP2008F		8				
ESP2010F		10				
ESP2012F		12				
ESP2014F		14				
ESP2015F		15				
ESP2206F	22	6				28
ESP2208F		8				
ESP2210F		10				
ESP2212F		12				
ESP2214F		14				
ESP2215F		15				
ESP2406F	24	6		32		
ESP2408F		8				
ESP2410F		10				
ESP2412F		12				
ESP2414F		14				
ESP2415F		15				
ESP2806F	28	6	36			
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	20			
ESP1808B		8				
ESP1810B		10				
ESP1812B		12				
ESP1814B		14				
ESP1815B		15				
ESP2006B	20	6			22	
ESP2008B		8				
ESP2010B		10				
ESP2012B		12				
ESP2014B		14				
ESP2015B		15				
ESP2206B	22	6				28
ESP2208B		8				
ESP2210B		10				
ESP2212B		12				
ESP2214B		14				
ESP2215B		15				
ESP2406B	24	6		32		
ESP2408B		8				
ESP2410B		10				
ESP2412B		12				
ESP2414B		14				
ESP2415B		15				
ESP2806B	28	6	36			
ESP2808B		8				
ESP2810B		10				
ESP2812B		12				
ESP2814B		14				
ESP2815B		15				

*Stents with retrieval strings on both ends: ESP***FR2

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
EST1808F		8		
EST1810F		10		
EST1812F		12		
EST1814F		14		
EST1815F		15		
EST1806F-18		6	10.5	180
EST1808F-18		8		
EST1810F-18		10		
EST1812F-18		12		
EST1814F-18		14		
EST1815F-18		15		
EST1806F-22		6	10.5	220
EST1808F-22		8		
EST1810F-22		10		
EST1812F-22		12		
EST1814F-22		14		
EST1815F-22		15		
EST2006F	20	6	10.5	160
EST2008F		8		
EST2010F		10		
EST2012F		12		
EST2014F		14		
EST2015F		15		
EST2006F-18		6	10.5	180
EST2008F-18		8		
EST2010F-18		10		
EST2012F-18		12		
EST2014F-18		14		
EST2015F-18		15		
EST2006F-22		6	10.5	220
EST2008F-22		8		
EST2010F-22		10		
EST2012F-22		12		
EST2014F-22		14		
EST2015F-22		15		
EST2206F	22	6	10.5	160
EST2208F		8		
EST2210F		10		
EST2212F		12		
EST2214F		14		
EST2215F		15		
EST2206F-18		6	10.5	180
EST2208F-18		8		
EST2210F-18		10		
EST2212F-18		12		
EST2214F-18		14		
EST2215F-18		15		
EST2206F-22		6	10.5	220
EST2208F-22		8		
EST2210F-22		10		
EST2212F-22		12		
EST2214F-22		14		
EST2215F-22		15		

► Partially covered

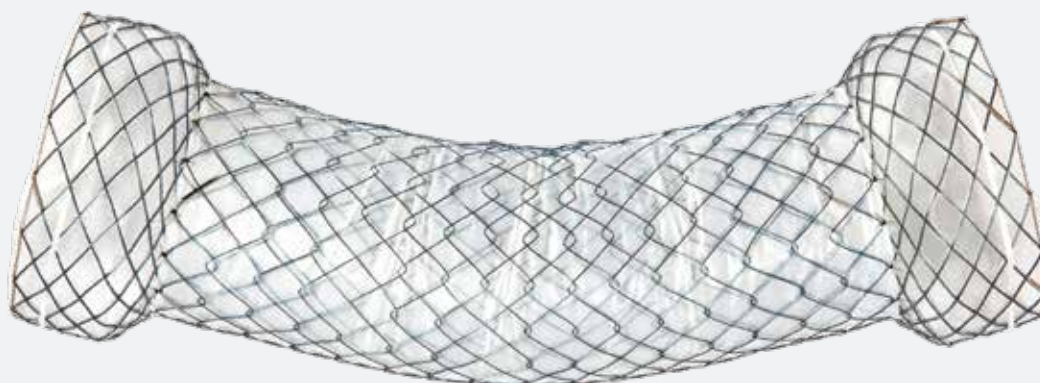
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EST1806B	18	6	10.5	160
EST1808B		8		
EST1810B		10		
EST1812B		12		
EST1814B		14		
EST1815B		15		
EST1806B-18		6	10.5	180
EST1808B-18		8		
EST1810B-18		10		
EST1812B-18		12		
EST1814B-18		14		
EST1815B-18		15		
EST1806B-22		6	10.5	220
EST1808B-22		8		
EST1810B-22		10		
EST1812B-22		12		
EST1814B-22		14		
EST1815B-22		15		
EST2006B	20	6	10.5	160
EST2008B		8		
EST2010B		10		
EST2012B		12		
EST2014B		14		
EST2015B		15		
EST2006B-18		6	10.5	180
EST2008B-18		8		
EST2010B-18		10		
EST2012B-18		12		
EST2014B-18		14		
EST2015B-18		15		
EST2006B-22		6	10.5	220
EST2008B-22		8		
EST2010B-22		10		
EST2012B-22		12		
EST2014B-22		14		
EST2015B-22		15		
EST2206B	22	6	10.5	160
EST2208B		8		
EST2210B		10		
EST2212B		12		
EST2214B		14		
EST2215B		15		
EST2206B-18		6	10.5	180
EST2208B-18		8		
EST2210B-18		10		
EST2212B-18		12		
EST2214B-18		14		
EST2215B-18		15		
EST2206B-22		6	10.5	220
EST2208B-22		8		
EST2210B-22		10		
EST2212B-22		12		
EST2214B-22		14		
EST2215B-22		15		

*Stents with retrieval strings on both ends available only with the 160cm delivery system: EST**##FR2



Esophageal Stent

for benign and malignant esophageal stricture



The softer, the better

Optimal Radial Force at the Esophagus wall

FEATURE

- Gentle Radial Force: less painful after stent insertion
- Conformable Stent Structure: enables stent to conform to the esophagus movement
- Dual Structure: minimal foreshortening led to accurate stent positioning
- Radiopaque marker: 4 (four) at both ends of the flanges & 2 (two) at both ends of the body of the stent

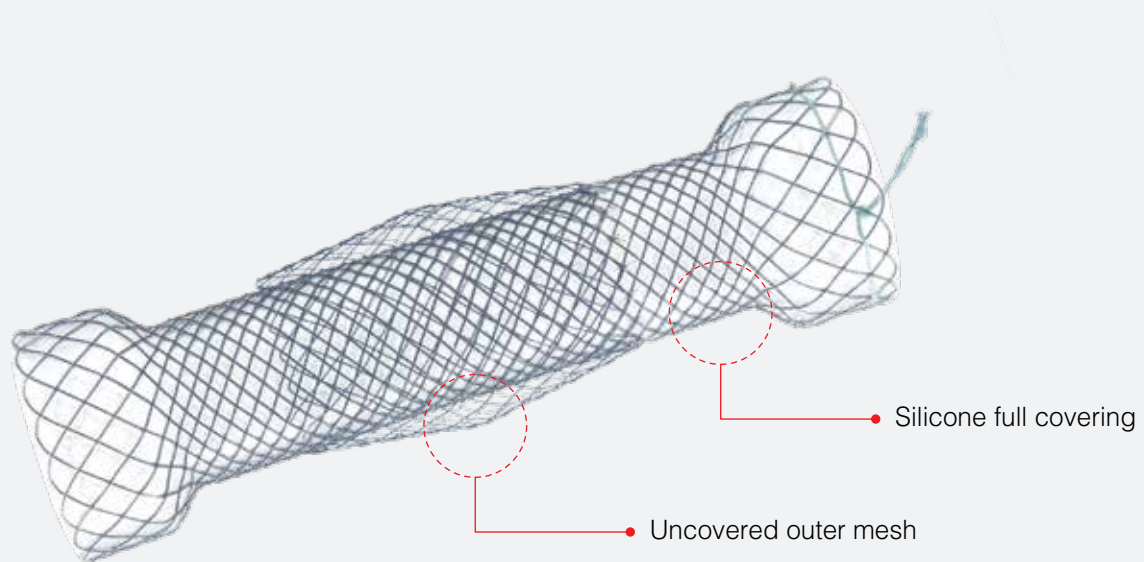
ORDERING INFORMATION

Distal Release						
Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (fr)	Usable Length (cm)		
EK1806F	18	6	16	70		
EK1808F		8				
EK1810F		10				
EK1812F		12				
EK1814F		14				
EK1815F		15				
EK1818F		18				
EK1820F		20				
EK2006F	20	6	18			
EK2008F		8				
EK2010F		10				
EK2012F		12				
EK2014F		14				
EK2015F		15				
EK2018F		18				
EK2020F		20				
EK2206F	22	6			18	
EK2208F		8				
EK2210F		10				
EK2212F		12				
EK2214F		14				
EK2215F		15				
EK2218F		18				
EK2406F	24	6				18
EK2408F		8				
EK2410F		10				
EK2412F		12				
EK2414F		14				
EK2415F		15				
EK2806F	28	6		18		
EK2808F		8				
EK2810F		10				
EK2812F		12				
EK2814F		14				
EK2815F		15				

DOUBLE™

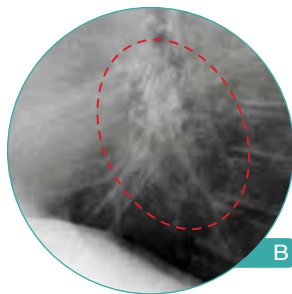
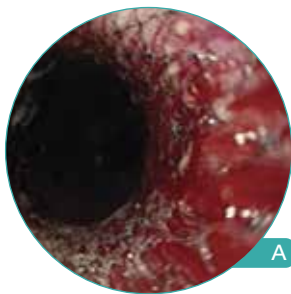
Esophageal Stent

for malignant esophageal strictures



FEATURE

- Double layered design
 - Full silicone covering prevents the risk of tumor ingrowth
 - The 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						
Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		
ES1606FD	16	6	18	70		
ES1608FD		8				
ES1610FD		10				
ES1612FD		12				
ES1614FD		14				
ES1615FD		15				
ES1806FD	18	6				
ES1808FD		8				
ES1810FD		10				
ES1812FD		12				
ES1814FD		14				
ES1815FD		15				
ES2006FD	20	6	20			
ES2008FD		8				
ES2010FD		10				
ES2012FD		12				
ES2014FD		14				
ES2015FD		15				
ES2206FD	22	6				
ES2208FD		8				
ES2210FD		10				
ES2212FD		12				
ES2214FD		14				
ES2215FD		15				
ES2406FD	24	6	22			
ES2408FD		8				
ES2410FD		10				
ES2412FD		12				
ES2414FD		14				
ES2415FD		15				
ES2806FD	28	6				
ES2808FD		8				
ES2810FD		10				
ES2812FD		12				
ES2814FD		14				
ES2815FD		15				

Proximal Release						
Code	Stent		Delivery			
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		
ESP1606FD	16	6	18	70		
ESP1608FD		8				
ESP1610FD		10				
ESP1612FD		12				
ESP1614FD		14				
ESP1615FD		15				
ESP1806FD	18	6				
ESP1808FD		8				
ESP1810FD		10				
ESP1812FD		12				
ESP1814FD		14				
ESP1815FD		15				
ESP2006FD	20	6	20			
ESP2008FD		8				
ESP2010FD		10				
ESP2012FD		12				
ESP2014FD		14				
ESP2015FD		15				
ESP2206FD	22	6				
ESP2208FD		8				
ESP2210FD		10				
ESP2212FD		12				
ESP2214FD		14				
ESP2215FD		15				
ESP2406FD	24	6	22			
ESP2408FD		8				
ESP2410FD		10				
ESP2412FD		12				
ESP2414FD		14				
ESP2415FD		15				
ESP2806FD	28	6				
ESP2808FD		8				
ESP2810FD		10				
ESP2812FD		12				
ESP2814FD		14				
ESP2815FD		15				

*Stents with retrieval strings on both ends: ES***FDR2

*Stents with retrieval strings on both ends: ESP***FDR2

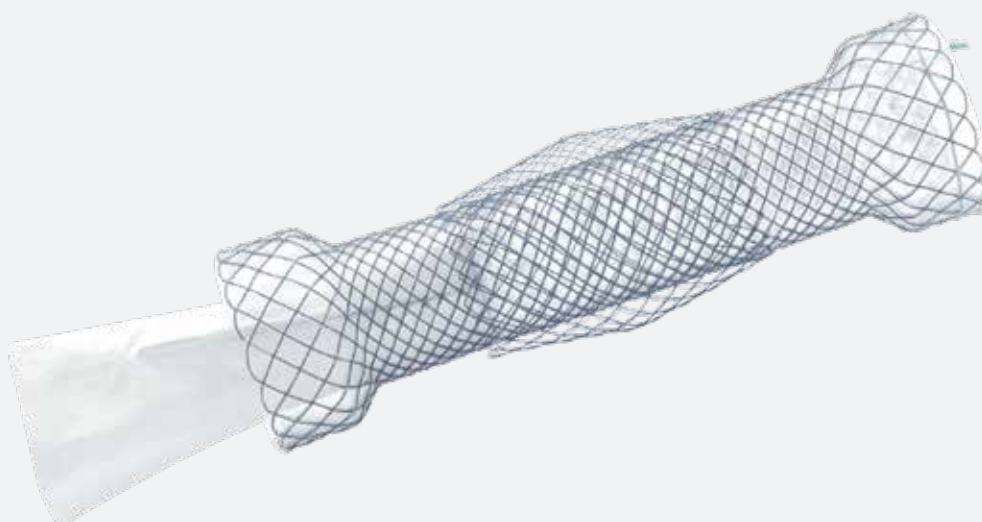
RELEASED ARTICLE

- * 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™

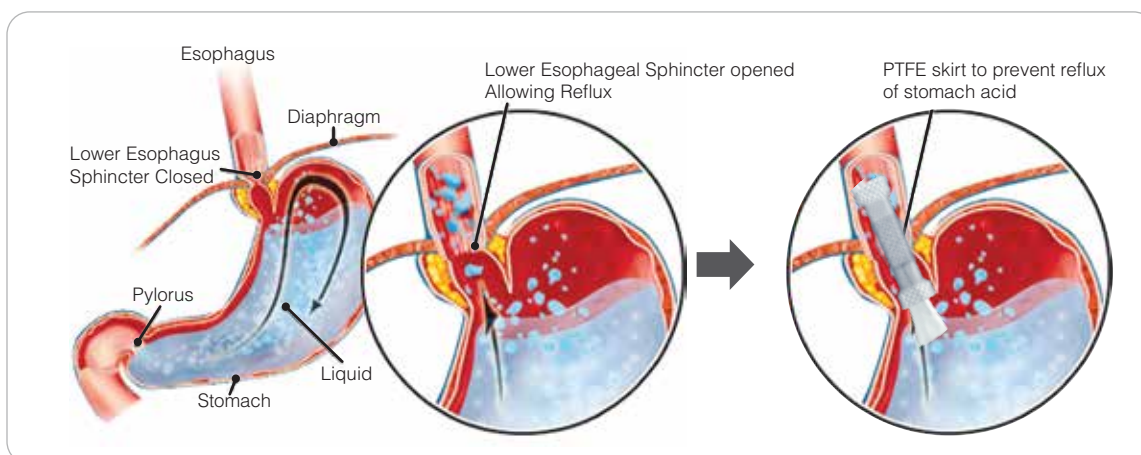
Esophageal Stent (Anti-reflux)

for preventing gastroesophageal reflux



FEATURE

- Double layered design with an Anti-reflux skirt
 - The PTFE skirt blocks gastric refluxs with the stent placement at the EG junction
 - The 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



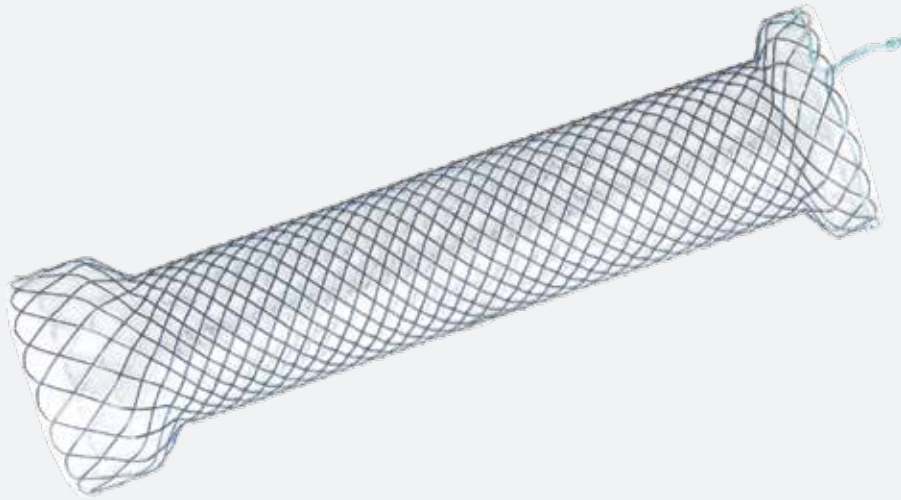
ORDERING INFORMATION

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			20
EA1808FD		8			
EA1810FD		10			
EA1812FD		12			
EA1814FD		14			
EA1815FD		15			
EA2006FD	20	6	22		
EA2008FD		8			
EA2010FD		10			
EA2012FD		12			
EA2014FD		14			
EA2015FD		15			
EA2206FD	22	6			22
EA2208FD		8			
EA2210FD		10			
EA2212FD		12			
EA2214FD		14			
EA2215FD		15			
EA2406FD	24	6	22		
EA2408FD		8			
EA2410FD		10			
EA2412FD		12			
EA2414FD		14			
EA2415FD		15			
EA2806FD	28	6			22
EA2808FD		8			
EA2810FD		10			
EA2812FD		12			
EA2814FD		14			
EA2815FD		15			

CERVICALTM

Esophageal Stent

for upper esophageal strictures



FEATURE

- The short proximal head design prevents damage to the 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

► A retrieval string on the proximal end

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606FV	16	6	16	70
ES1608FV		8		
ES1610FV		10		
ES1612FV		12		
ES1614FV		14		
ES1615FV		15		
ES1806FV	18	6	16	
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	20	
ES2208FV		8		
ES2210FV		10		
ES2212FV		12		
ES2214FV		14		
ES2215FV		15		
ES2406FV	24	6	22	
ES2408FV		8		
ES2410FV		10		
ES2412FV		12		
ES2414FV		14		
ES2415FV		15		

► Retrieval string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606FVR2	16	6	16	70
ES1608FVR2		8		
ES1610FVR2		10		
ES1612FVR2		12		
ES1614FVR2		14		
ES1615FVR2		15		
ES1806FVR2	18	6	16	
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	20	
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

► A retrieval string on the proximal end

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606FV	16	6	18	70
ESP1608FV		8		
ESP1610FV		10		
ESP1612FV		12		
ESP1614FV		14		
ESP1615FV		15		
ESP1806FV	18	6	18	
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	20	
ESP2208FV		8		
ESP2210FV		10		
ESP2212FV		12		
ESP2214FV		14		
ESP2215FV		15		
ESP2406FV	24	6	22	
ESP2408FV		8		
ESP2410FV		10		
ESP2412FV		12		
ESP2414FV		14		
ESP2415FV		15		

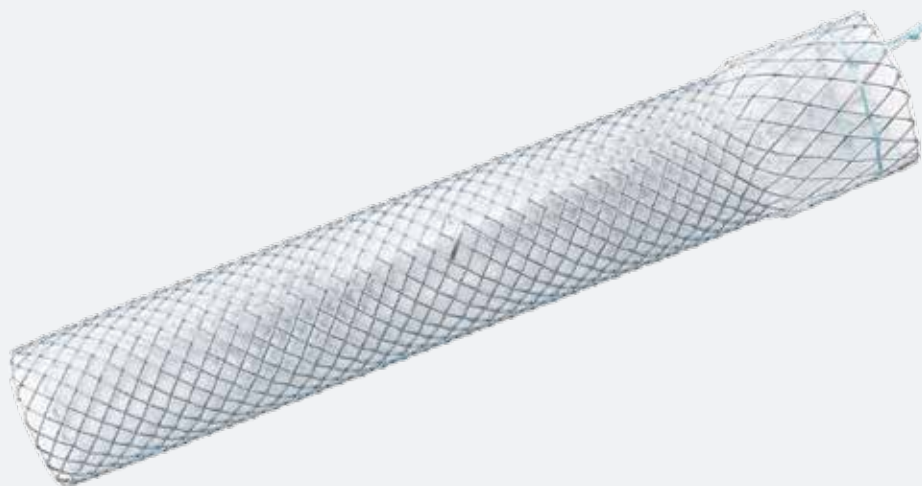
► Retrieval string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606FVR2	16	6	18	70
ESP1608FVR2		8		
ESP1610FVR2		10		
ESP1612FVR2		12		
ESP1614FVR2		14		
ESP1615FVR2		15		
ESP1806FVR2	18	6	18	
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	20	
ESP2208FVR2		8		
ESP2210FVR2		10		
ESP2212FVR2		12		
ESP2214FVR2		14		
ESP2215FVR2		15		
ESP2406FVR2	24	6	22	
ESP2408FVR2		8		
ESP2410FVR2		10		
ESP2412FVR2		12		
ESP2414FVR2		14		
ESP2415FVR2		15		



Esophageal Stent

for hypopharyngeal strictures



FEATURE

- Small diameter with a 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				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1006FN	10	6	12	70
ES1008FN		8		
ES1010FN		10		
ES1012FN		12		
ES1014FN		14		
ES1015FN		15		
ES1206FN	12	6	14	
ES1208FN		8		
ES1210FN		10		
ES1212FN		12		
ES1214FN		14		
ES1215FN		15		
ES1406FN	14	6	14	
ES1408FN		8		
ES1410FN		10		
ES1412FN		12		
ES1414FN		14		
ES1415FN		15		
ES1606FN	16	6	16	
ES1608FN		8		
ES1610FN		10		
ES1612FN		12		
ES1614FN		14		
ES1615FN		15		

Proximal Release				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1006FN	10	6	14	70
ESP1008FN		8		
ESP1010FN		10		
ESP1012FN		12		
ESP1014FN		14		
ESP1015FN		15		
ESP1206FN	12	6	14	
ESP1208FN		8		
ESP1210FN		10		
ESP1212FN		12		
ESP1214FN		14		
ESP1215FN		15		
ESP1406FN	14	6	14	
ESP1408FN		8		
ESP1410FN		10		
ESP1412FN		12		
ESP1414FN		14		
ESP1415FN		15		
ESP1606FN	16	6	16	
ESP1608FN		8		
ESP1610FN		10		
ESP1612FN		12		
ESP1614FN		14		
ESP1615FN		15		

*Stents with retrieval strings on both ends: ES***FNR2

*Stents with retrieval strings on both ends: ESP***FNR2

RELEASED ARTICLE

* Temporary placement of a fully covered self-expanding metal stent to allow therapeutic ERCP
by Benedetto Mangiavillano et al [Endoscopy. 2014;46 Suppl 1 UCTN:E419]

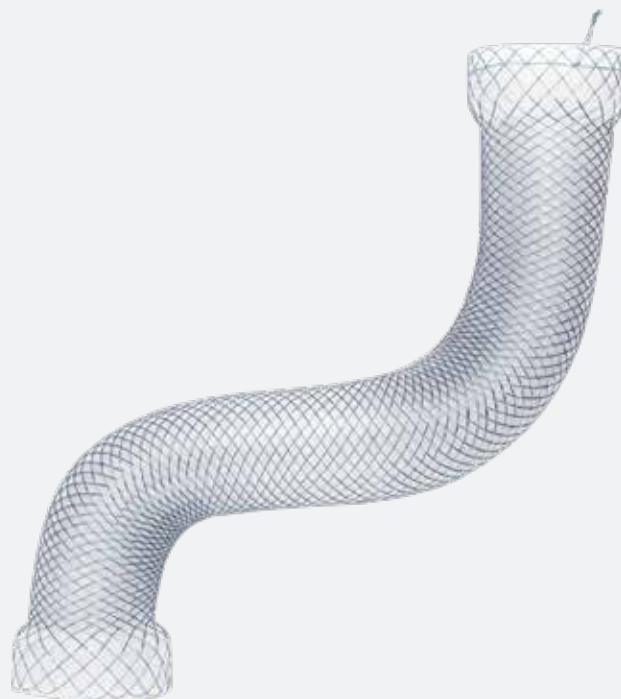
* Self-expanding stents in benign Esophageal strictures
by Massimo Conio, MD, et al [Tech Gastrointest Endosc. 2008 Jul10;164-174]

* 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]



Esophageal Stent

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
 - The proximal part of the stent is located near the middle of the esophagus and the distal part of the stent is located in the gastric antral or in the first duodenal portion
- **Full 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

► A retrieval string on the proximal end

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		

► Retrieval string on both ends

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES2218FR2	22	18	20	70
ES2223FR2		23		
ES2418FR2	24	18		
ES2423FR2		23		
ES2818FR2	28	18		
ES2823FR2		23		

RELEASED ARTICLE

* A novel management of post-oesophagectomy gastro-pleural fistula

by Javaid Ishtiaq et al. [J gastrointest Oncol 2016;7(6):E93-E97]

* 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]

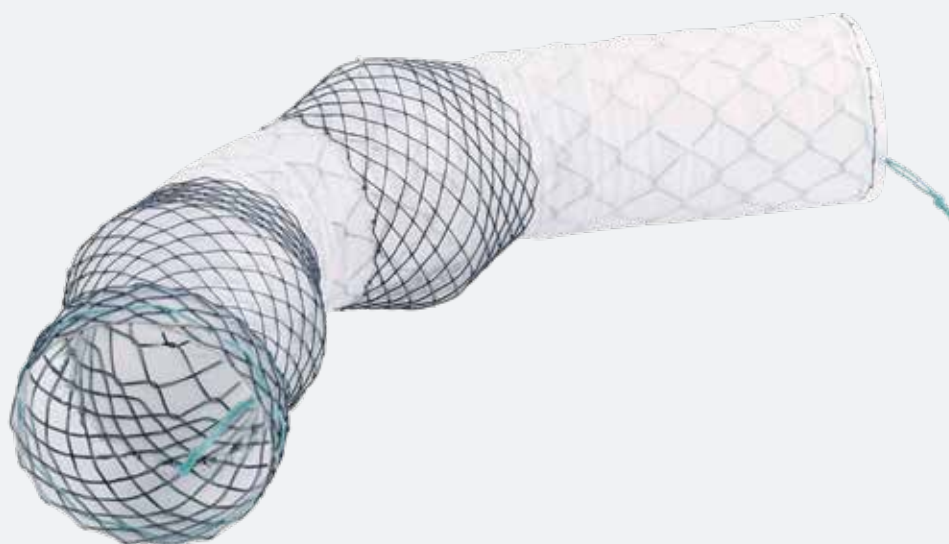
* Mega stent: a new option for management of leaks following laparoscopic sleeve gastrectomy

by Jahangeer Basha et al [Endoscopy. 2014;46 Suppl 1 UCTN:E49-50]



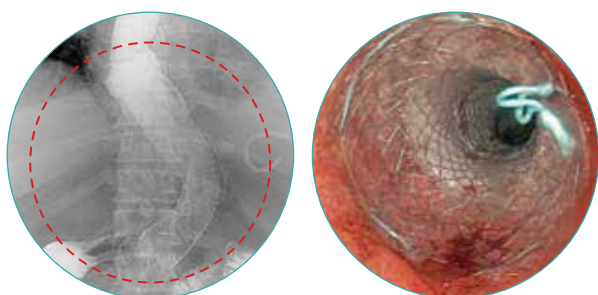
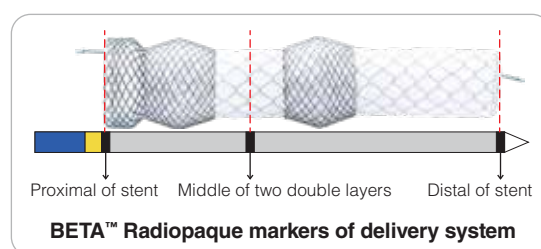
Esophageal Stent

for leak or fistula after bariatric surgery



FEATURE

- Both distal and proximal retrieval strings help for easy removal or repositioning
- **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

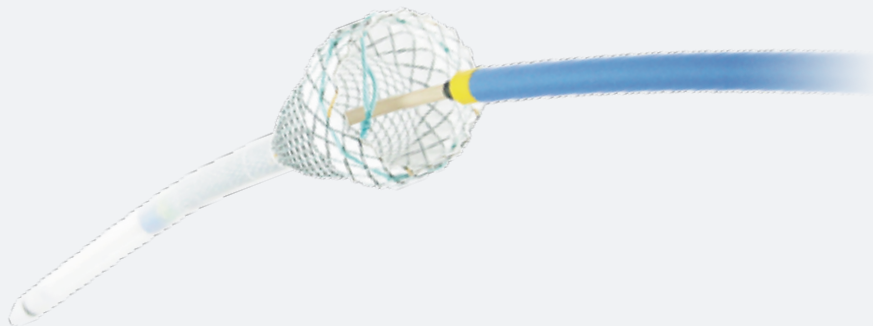
Distal Release

► BETA™2: between double layers : 25mm

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	EK2410FNT2	24	10	22	70
EK1812FNT2		12			EK2412FNT2		12		
EK1814FNT2		14			EK2414FNT2		14		
EK1815FNT2		15			EK2415FNT2		15		
EK1816FNT2		16			EK2416FNT2		16		
EK1818FNT2		18			EK2418FNT2		18		
EK1820FNT2		20			EK2420FNT2		20		
EK2010FNT2	20	10			EK2610FNT2	26	10		
EK2012FNT2		12			EK2612FNT2		12		
EK2014FNT2		14			EK2614FNT2		14		
EK2015FNT2		15			EK2615FNT2		15		
EK2016FNT2		16			EK2616FNT2		16		
EK2018FNT2		18			EK2618FNT2		18		
EK2020FNT2		20			EK2620FNT2		20		
EK2210FNT2	22	10			EK2810FNT2	28	10		
EK2212FNT2		12			EK2812FNT2		12		
EK2214FNT2		14			EK2814FNT2		14		
EK2215FNT2		15			EK2815FNT2		15		
EK2216FNT2		16			EK2816FNT2		16		
EK2218FNT2		18			EK2818FNT2		18		
EK2220FNT2		20			EK2820FNT2		20		

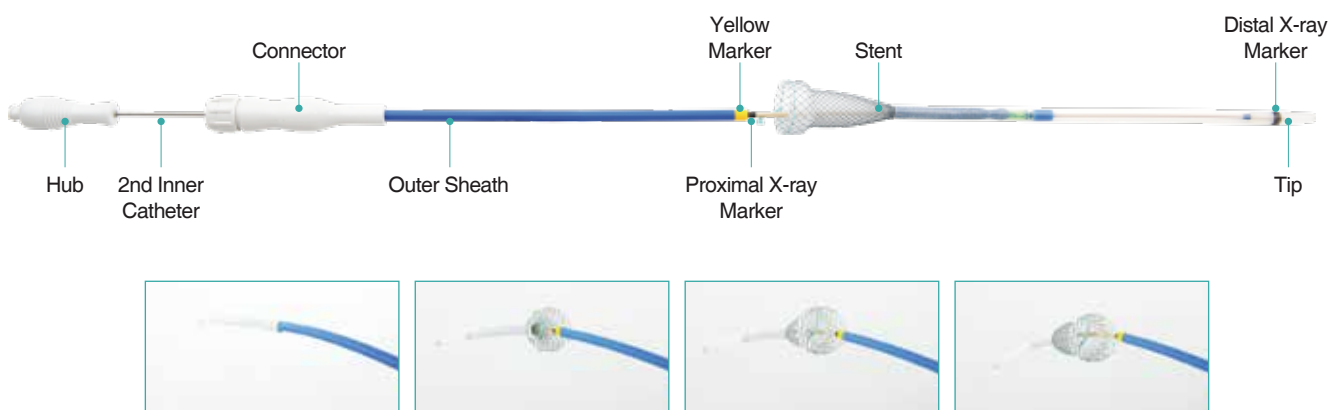
Various Delivery Systems for Esophageal Stents

I. Proximal Release Delivery System



Visualization of the proximal tumor margin

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

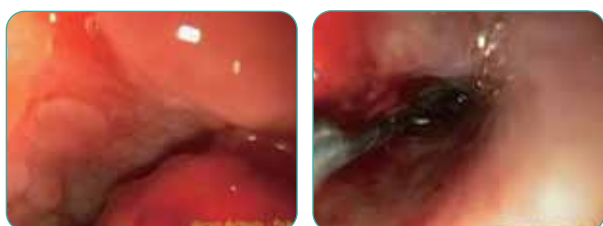
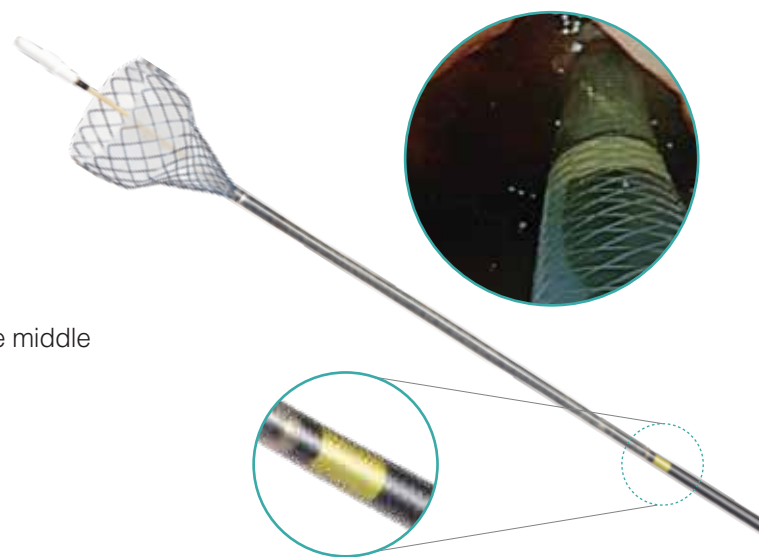


II. Through The Scope (TTS) Delivery System



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
- Proximal retrieval string may help removal of the stent
- Silicone coating designed to resist tissue in-growth
- Yellow marker on the black inner sheath for accurate placement under endoscopic visualization
- Radiopaque marker: 4 (four) at both ends & 2 (two) in the middle



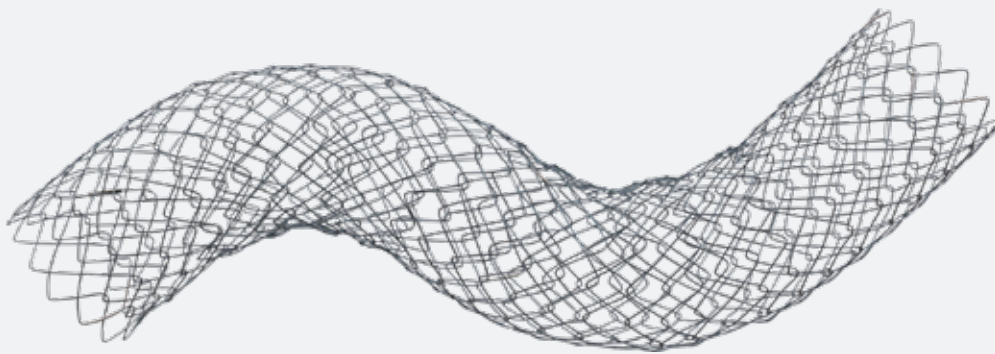
TTS Esophageal stent passing through the tight and narrow stricture

Dr. Giorgio Battaglia, Italy



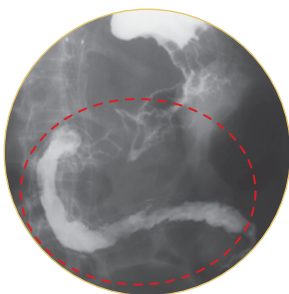
Pyloric/Duodenal Stent

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 the 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	135	
PDT1808		8			PD1808		8			
PDT1810		10			PD1810		10			
PDT1812		12			PD1812		12			
PDT1814		14			PD1814		14			
PDT1815		15			PD1815		15			
PDT1806-22		6		220	PD2006	20	6			
PDT1808-22		8			PD2008		8			
PDT1810-22		10			PD2010		10			
PDT1812-22		12			PD2012		12			
PDT1814-22		14			PD2014		14			
PDT1815-22		15			PD2015		15			
PDT2006	20	6	10	180	PD2206	22	6	16		
PDT2008		8			PD2208		8			
PDT2010		10			PD2210		10			
PDT2012		12			PD2212		12			
PDT2014		14			PD2214		14			
PDT2015		15			PD2215		15			
PDT2006-22		6		220	PD2406	24	6			
PDT2008-22		8			PD2408		8			
PDT2010-22		10			PD2410		10			
PDT2012-22		12			PD2412		12			
PDT2014-22		14			PD2414		14			
PDT2015-22		15			PD2415		15			
PDT2206	22	6	10	180	PD2606	26	6	18		
PDT2208		8			PD2608		8			
PDT2210		10			PD2610		10			
PDT2212		12			PD2612		12			
PDT2214		14			PD2614		14			
PDT2215		15			PD2615		15			
PDT2206-22		6		220	PD2806	28	6			
PDT2208-22		8			PD2808		8			
PDT2210-22		10			PD2810		10			
PDT2212-22		12			PD2812		12			
PDT2214-22		14			PD2814		14			
PDT2215-22		15			PD2815		15			
PDT2406	24	6	10	180						
PDT2408		8								
PDT2410		10								
PDT2412		12								
PDT2414		14								
PDT2415		15								
PDT2406-22		6		220						
PDT2408-22		8								
PDT2410-22		10								
PDT2412-22		12								
PDT2414-22		14								
PDT2415-22		15								

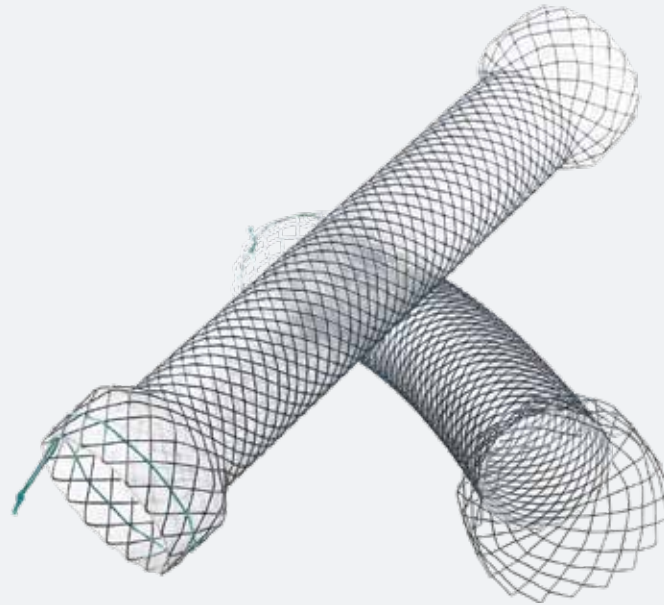
RELEASED ARTICLE

- * 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]



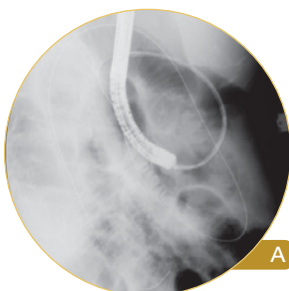
Pyloric/Duodenal Stent

for benign and malignant gastric outlet obstruction

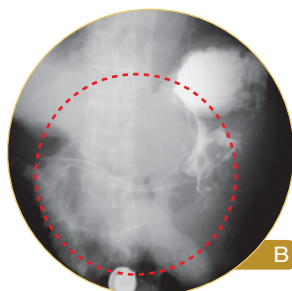


FEATURE

- Fixed cell with a braided construction
 - High flexibility and optimal radial force
- Silicone covering with 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



B

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		
PST1806F-12		6		120
PST1808F-12		8		
PST1810F-12		10		
PST1812F-12		12		
PST1814F-12		14		
PST1815F-12		15		
PST1806F-22		6		220
PST1808F-22		8		
PST1810F-22		10		
PST1812F-22		12		
PST1814F-22		14		
PST1815F-22		15		
PST2006F	20	6	10.5	180
PST2008F		8		
PST2010F		10		
PST2012F		12		
PST2014F		14		
PST2015F		15		
PST2006F-12		6		120
PST2008F-12		8		
PST2010F-12		10		
PST2012F-12		12		
PST2014F-12		14		
PST2015F-12		15		
PST2006F-22		6		220
PST2008F-22		8		
PST2010F-22		10		
PST2012F-22		12		
PST2014F-22		14		
PST2015F-22		15		
PST2206F	22	6	10.5	180
PST2208F		8		
PST2210F		10		
PST2212F		12		
PST2214F		14		
PST2215F		15		
PST2206F-12		6		120
PST2208F-12		8		
PST2210F-12		10		
PST2212F-12		12		
PST2214F-12		14		
PST2215F-12		15		
PST2206F-22		6		220
PST2208F-22		8		
PST2210F-22		10		
PST2212F-22		12		
PST2214F-22		14		
PST2215F-22		15		

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			16	
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	22			
PS2608F		8				
PS2610F		10				
PS2612F		12				
PS2614F		14				
PS2615F		15				
PS2806F	28	6				22
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		
PST1806B-12		6		120
PST1808B-12		8		
PST1810B-12		10		
PST1812B-12		12		
PST1814B-12		14		
PST1815B-12		15		
PST1806B-22		6		220
PST1808B-22		8		
PST1810B-22		10		
PST1812B-22		12		
PST1814B-22		14		
PST1815B-22		15		
PST2006B	20	6	10.5	180
PST2008B		8		
PST2010B		10		
PST2012B		12		
PST2014B		14		
PST2015B		15		
PST2006B-12		6		120
PST2008B-12		8		
PST2010B-12		10		
PST2012B-12		12		
PST2014B-12		14		
PST2015B-12		15		
PST2006B-22		6		220
PST2008B-22		8		
PST2010B-22		10		
PST2012B-22		12		
PST2014B-22		14		
PST2015B-22		15		
PST2206B	22	6	10.5	180
PST2208B		8		
PST2210B		10		
PST2212B		12		
PST2214B		14		
PST2215B		15		
PST2206B-12		6		120
PST2208B-12		8		
PST2210B-12		10		
PST2212B-12		12		
PST2214B-12		14		
PST2215B-12		15		
PST2206B-22		6		220
PST2208B-22		8		
PST2210B-22		10		
PST2212B-22		12		
PST2214B-22		14		
PST2215B-22		15		

OTW (Over The Wire)

► Both ends bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	
PS1806B	18	6	16	135	
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		
PS2208B		8			
PS2210B		10			
PS2212B		12			
PS2214B		14			
PS2215B		15			
PS2406B	24	6	22		
PS2408B		8			
PS2410B		10			
PS2412B		12			
PS2414B		14			
PS2415B		15			
PS2606B	26	6			
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)

► Proximal end 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		
PST1806H-12		6		120
PST1808H-12		8		
PST1810H-12		10		
PST1812H-12		12		
PST1814H-12		14		
PST1815H-12		15		
PST1806H-22		6		220
PST1808H-22		8		
PST1810H-22		10		
PST1812H-22		12		
PST1814H-22		14		
PST1815H-22		15		
PST2006H	20	6	10.5	180
PST2008H		8		
PST2010H		10		
PST2012H		12		
PST2014H		14		
PST2015H		15		
PST2006H-12		6		120
PST2008H-12		8		
PST2010H-12		10		
PST2012H-12		12		
PST2014H-12		14		
PST2015H-12		15		
PST2006H-22		6		220
PST2008H-22		8		
PST2010H-22		10		
PST2012H-22		12		
PST2014H-22		14		
PST2015H-22		15		
PST2206H	22	6	10.5	180
PST2208H		8		
PST2210H		10		
PST2212H		12		
PST2214H		14		
PST2215H		15		
PST2206H-12		6		120
PST2208H-12		8		
PST2210H-12		10		
PST2212H-12		12		
PST2214H-12		14		
PST2215H-12		15		
PST2206H-22		6		220
PST2208H-22		8		
PST2210H-22		10		
PST2212H-22		12		
PST2214H-22		14		
PST2215H-22		15		

OTW (Over The Wire)

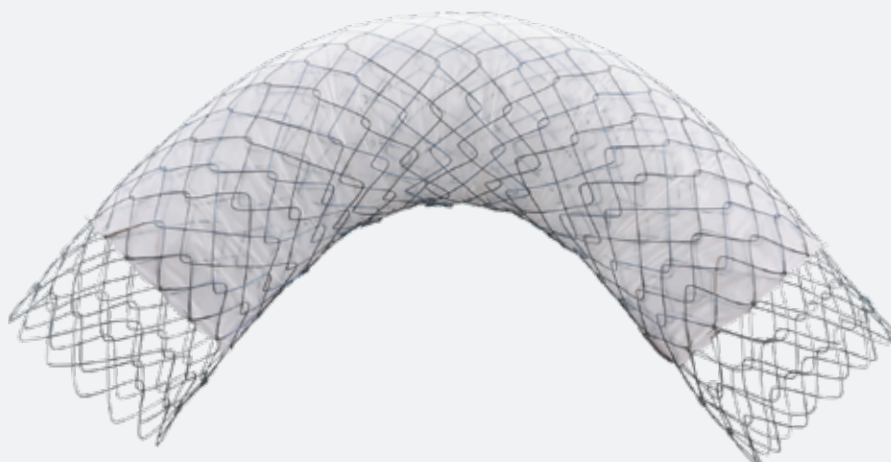
► Proximal end bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	
PS1806H	18	6	16	135	
PS1808H		8			
PS1810H		10			
PS1812H		12			
PS1814H		14			
PS1815H		15			
PS2006H	20	6			20
PS2008H		8			
PS2010H		10			
PS2012H		12			
PS2014H		14			
PS2015H		15			
PS2206H	22	6	22		
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	22		
PS2608H		8			
PS2610H		10			
PS2612H		12			
PS2614H		14			
PS2615H		15			
PS2806H	28	6		22	
PS2808H		8			
PS2810H		10			
PS2812H		12			
PS2814H		14			
PS2815H		15			



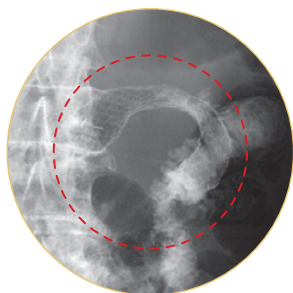
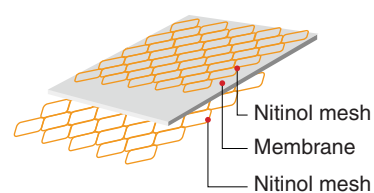
Pyloric/Duodenal Stent

for malignant gastric outlet obstruction



FEATURE

- **Triple layered construction:** A biocompatible PTFE membrane tube is held between the inner and outer mesh
 - An unfixed cell structure enables the stent to conform to tortuous anatomy
 - The PTFE membrane prevents the risk of tissue invasion
 - The 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		
PCT1806BA-22		6	220	
PCT1808BA-22		8		
PCT1810BA-22		10		
PCT1812BA-22		12		
PCT2006BA	20	6	10.5	180
PCT2008BA		8		
PCT2010BA		10		
PCT2012BA		12		
PCT2006BA-22		6		220
PCT2008BA-22		8		
PCT2010BA-22		10		
PCT2012BA-22		12		
PCT2206BA	22	6	10.5	180
PCT2208BA		8		
PCT2210BA		10		
PCT2212BA		12		
PCT2206BA-22		6		220
PCT2208BA-22		8		
PCT2210BA-22		10		
PCT2212BA-22		12		

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			16
PC2008BA		8			
PC2010BA		10			
PC2012BA		12			
PC2206BA	22	6	18		
PC2208BA		8			
PC2210BA		10			
PC2212BA		12			
PC2406BA	24	6			18
PC2408BA		8			
PC2410BA		10			
PC2412BA		12			
PC2606BA	26	6	18		
PC2608BA		8			
PC2610BA		10			
PC2612BA		12			
PC2806BA	28	6			18
PC2808BA		8			
PC2810BA		10			
PC2812BA		12			

RELEASED ARTICLE

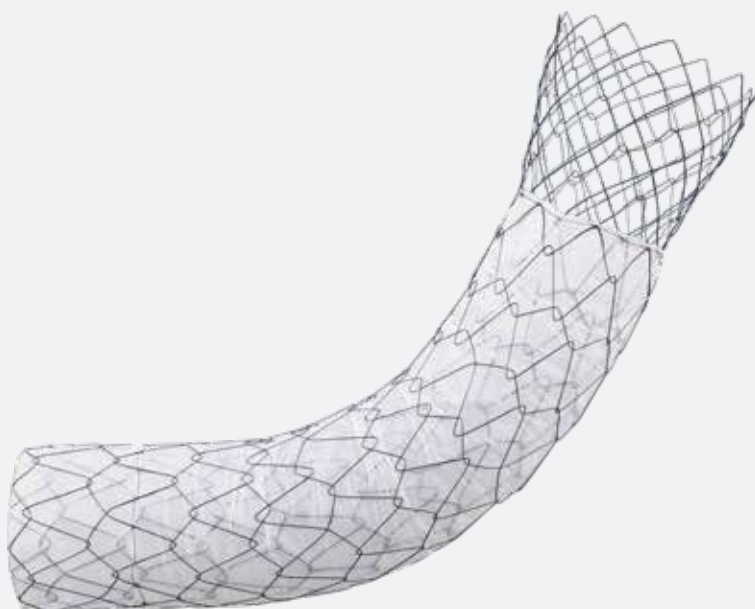
* Management of malignant gastric outlet obstruction with a modified triple-layer covered metal stent
by Hiroyuki Isayama, MD, PhD et al [Gastrointest Endosc. 2012 Apr;75(4):757-63]

* 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]



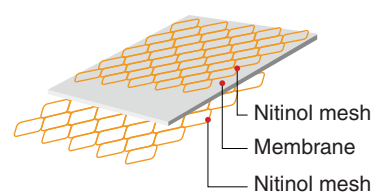
Pyloric/Duodenal Stent (Flare)

for malignant gastric outlet obstruction



FEATURE

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



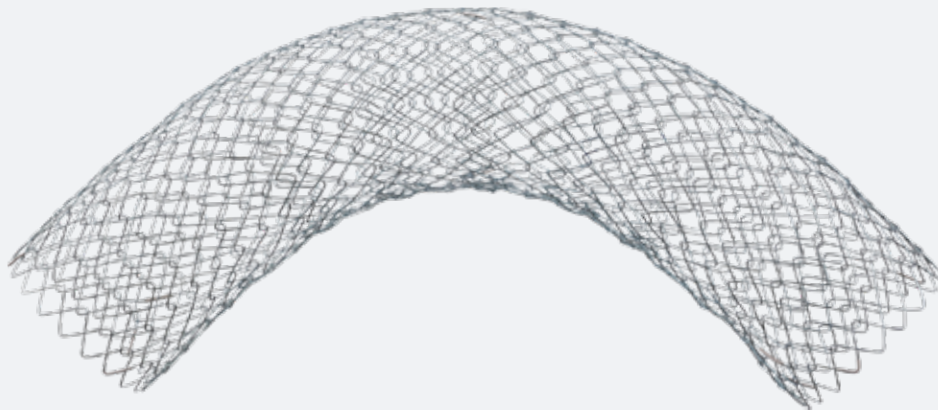
ORDERING INFORMATION

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		



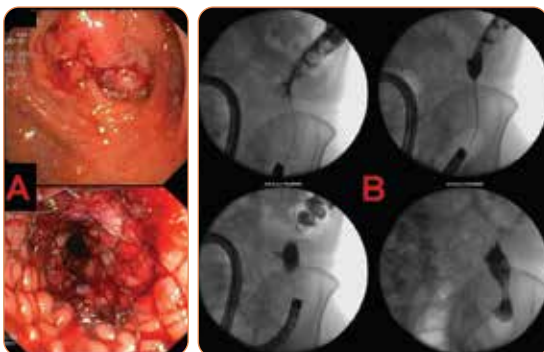
Enteral Colonic Stent

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)												
Code	Stent		Delivery									
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)								
CDT1806	18	6	10	220								
CDT1808		8										
CDT1810		10										
CDT1812		12										
CDT1814		14										
CDT1815		15										
CDT2006	20	6			10	220						
CDT2008		8										
CDT2010		10										
CDT2012		12										
CDT2014		14										
CDT2015		15										
CDT2206	22	6					10	220				
CDT2208		8										
CDT2210		10										
CDT2212		12										
CDT2214		14										
CDT2215		15										
CDT2406	24	6							10	220		
CDT2408		8										
CDT2410		10										
CDT2412		12										
CDT2414		14										
CDT2415		15										
CDT2606	26	6	10.5								220	
CDT2608		8										
CDT2610		10										
CDT2612		12										
CDT2614		14										
CDT2615		15										
CDT2806	28	6			10.5							220
CDT2808		8										
CDT2810		10										
CDT2812		12										
CDT2814		14										
CDT2815		15										
*Stents on the 120cm delivery system: CDT***#-12												

OTW (Over The Wire)												
Code	Stent		Delivery									
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)								
CD1806	18	6	16	70								
CD1808		8										
CD1810		10										
CD1812		12										
CD1814		14										
CD1815		15										
CD2006	20	6			16	70						
CD2008		8										
CD2010		10										
CD2012		12										
CD2014		14										
CD2015		15										
CD2206	22	6					16	70				
CD2208		8										
CD2210		10										
CD2212		12										
CD2214		14										
CD2215		15										
CD2406	24	6							16	70		
CD2408		8										
CD2410		10										
CD2412		12										
CD2414		14										
CD2415		15										
CD2606	26	6	18								70	
CD2608		8										
CD2610		10										
CD2612		12										
CD2614		14										
CD2615		15										
CD2806	28	6			18							70
CD2808		8										
CD2810		10										
CD2812		12										
CD2814		14										
CD2815		15										
CD3006	30	6		18			70					
CD3008		8										
CD3010		10										
CD3012		12										
CD3014		14										
CD3015		15										

*Stents on the 120cm delivery system: CDT***-12

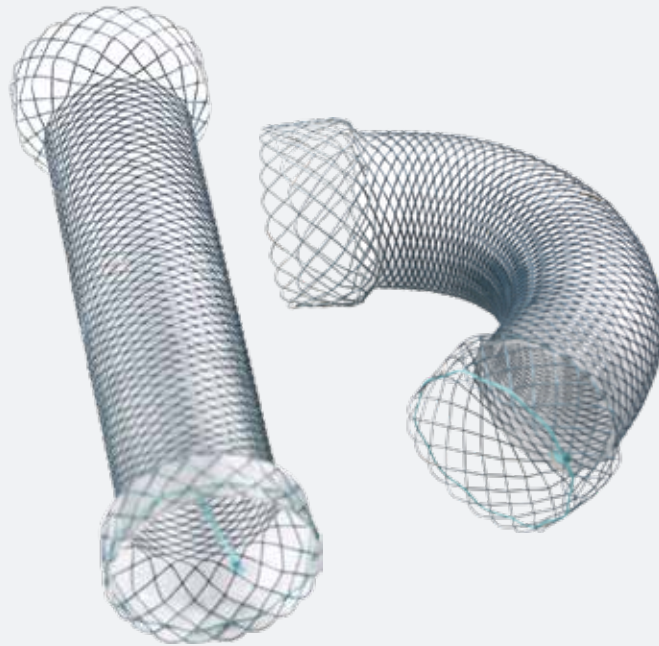
RELEASED ARTICLE

- * 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 DiMitti 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

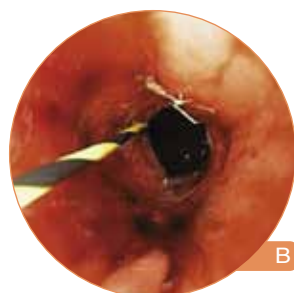


FEATURE

- 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



B

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		
CST2206F	22	6		
CST2208F		8		
CST2210F		10		
CST2212F		12		
CST2214F		14		
CST2215F		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			22	
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		
CST2206B	22	6		
CST2208B		8		
CST2210B		10		
CST2212B		12		
CST2214B		14		
CST2215B		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			22		
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 bare end

Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CST1806H	18	6	10.5	220
CST1808H		8		
CST1810H		10		
CST1812H		12		
CST1814H		14		
CST1815H		15		
CST2006H	20	6		
CST2008H		8		
CST2010H		10		
CST2012H		12		
CST2014H		14		
CST2015H		15		
CST2206H	22	6		
CST2208H		8		
CST2210H		10		
CST2212H		12		
CST2214H		14		
CST2215H		15		

OTW (Over The Wire)

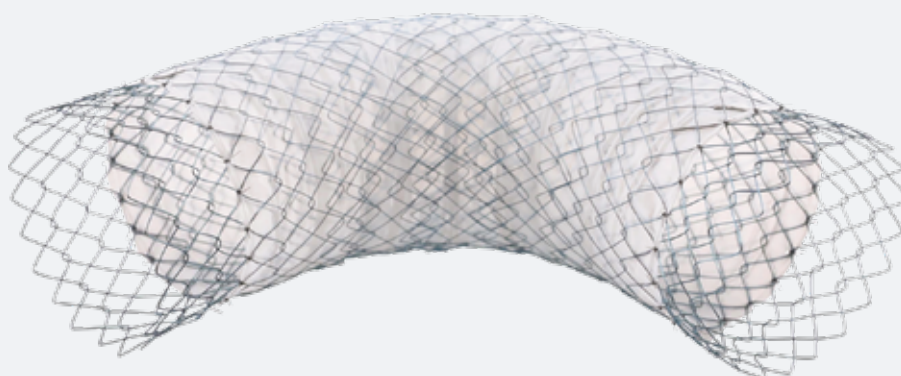
► Distal bare end

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	6	20	
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	22	
CS2608H		8		
CS2610H		10		
CS2612H		12		
CS2614H		14		
CS2615H		15		
CS2806H	28	6	22	
CS2808H		8		
CS2810H		10		
CS2812H		12		
CS2814H		14		
CS2815H		15		



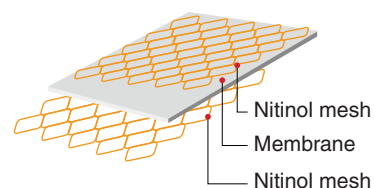
Enteral Colonic Stent

for malignant colorectal obstruction

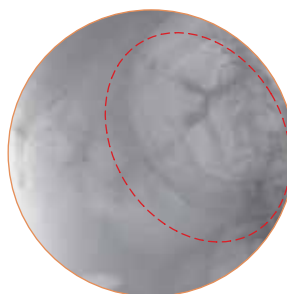


FEATURE

- **Triple layered construction:** A biocompatible PTFE membrane tube is held between the inner and outer mesh
 - An unfixed cell structure enables the stent to conform to tortuous anatomy
 - The PTFE membrane prevents the risk of tissue invasion
 - The 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)				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CCT1806BA	18	6	10.5	220
CCT1808BA		8		
CCT1810BA		10		
CCT1812BA		12		
CCT2006BA	20	6		
CCT2008BA		8		
CCT2010BA		10		
CCT2012BA		12		
CCT2206BA	22	6		
CCT2208BA		8		
CCT2210BA		10		
CCT2212BA		12		

OTW (Over The Wire)				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
CC1806BA	18	6	14	70
CC1808BA		8		
CC1810BA		10		
CC1812BA		12		
CC2006BA	20	6		
CC2008BA		8		
CC2010BA		10		
CC2012BA		12		
CC2206BA	22	6	16	
CC2208BA		8		
CC2210BA		10		
CC2212BA		12		
CC2406BA	24	6		
CC2408BA		8		
CC2410BA		10		
CC2412BA		12		
CC2606BA	26	6	18	
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]

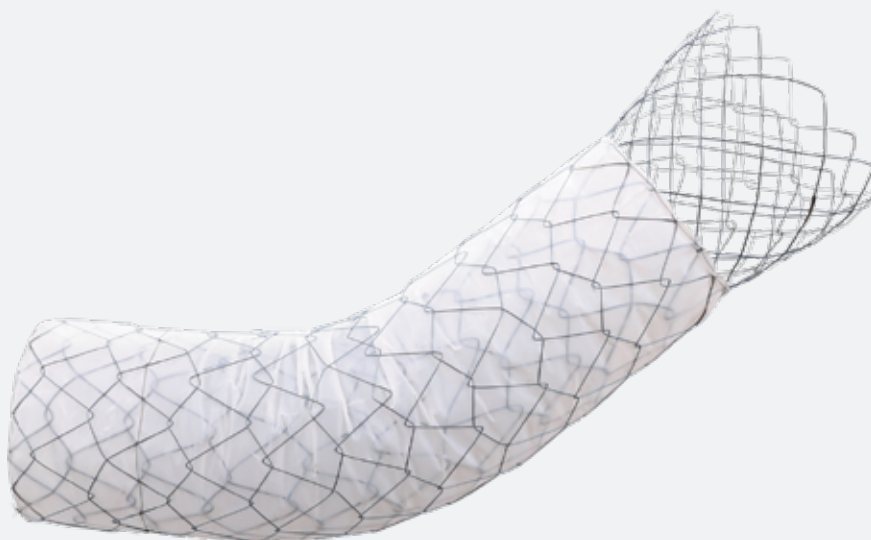
* Comparison of efficacies between stents for malignant colorectal obstruction: a randomized, prospective study
by Semi Park et al [Gastrointest Endosc. 2010 Aug;72(2):304-10]

* 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]



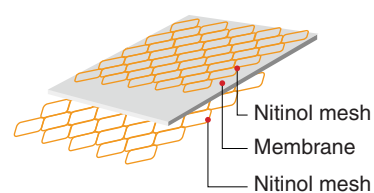
Enteral Colonic Stent (Flare)

for malignant colorectal obstruction



FEATURE

- **Triple layered construction:** A biocompatible PTFE membrane tube is held between the inner and outer mesh
 - An 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
 - The PTFE membrane prevents the risk of tissue invasion
- Large diameters (up to 26mm) are loaded into a 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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