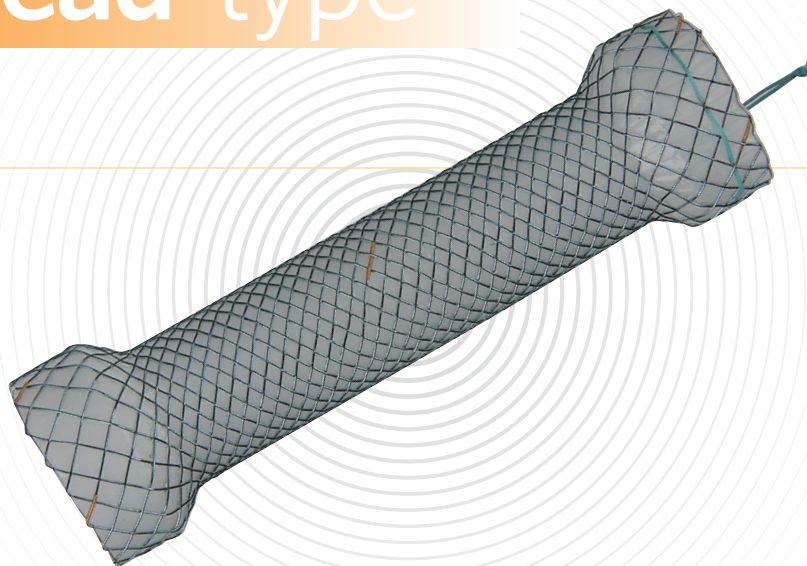


Niti-S Esophageal Covered Stent

Head-type



Features

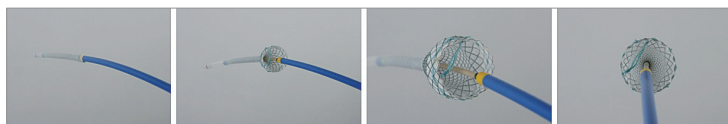
- **Structure: “Head-type” with silicone covered membrane**
 - Both ends head part prevents migration
- **Removal string at proximal end**
 - Retrieval string facilitates safe and smooth removal
- **Rounded edge at both head ends helps to reduce the tissue hyperplasia reaction**
- **Radiopaque marker: 4(four) at the both ends & 2(two) at the middle**



Exclusive and Various Delivery System

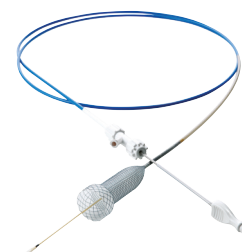
Proximal Release delivery system

- **“Exact Stent Positioning!!!”**
 - Visualization of the proximal tumor margin
 - Endoscopically controllable stent deployment



TTS (Through The Scope) Delivery System

- **“Easy and Simple Stenting through the scope”**
 - Fully Covered Esophageal Stent, loaded in 10.5Fr delivery system. This unique design allows for easy and simple deployment through the scope.
 - Fully Covered Esophageal Stent with silicone membrane enables safe removal by reducing the risk of tissue ingrowth.



Ordering Information

Distal Release

► Full 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	16	
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	20	
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	22	
ES2808F		8		
ES2810F		10		
ES2812F		12		
ES2814F		14		
ES2815F		15		

Coding

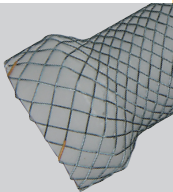
ES----F : S-silicone F-full covered

► Both ends head part bare

Code	Stent		Delivery		
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)	
ES1606B	16	6	16		
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			

Coding

ES----B : S-silicone B-both ends head part bare



Relative Studies

- “Esophageal stents for the palliation of malignant dysphagia and fistula recurrence after esophagectomy”
- Nicoline C. M. Van Heel: GASTROINTESTINAL ENDOSCOPY Volume 72, No. 2 : 2010

Ordering Information

Proximal Release

► Full covered

► Both ends head part bare



Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ESP1606F	16	6	16	70	ESP1606B	16	6	16	70
ESP1608F		8			ESP1608B		8		
ESP1610F		10			ESP1610B		10		
ESP1612F		12			ESP1612B		12		
ESP1614F		14			ESP1614B		14		
ESP1615F		15			ESP1615B		15		
ESP1806F	18	6	16		ESP1806B	18	6	16	
ESP1808F		8			ESP1808B		8		
ESP1810F		10			ESP1810B		10		
ESP1812F		12			ESP1812B		12		
ESP1814F		14			ESP1814B		14		
ESP1815F		15			ESP1815B		15		
ESP2006F	20	6	20		ESP2006B	20	6	20	
ESP2008F		8			ESP2008B		8		
ESP2010F		10			ESP2010B		10		
ESP2012F		12			ESP2012B		12		
ESP2014F		14			ESP2014B		14		
ESP2015F		15			ESP2015B		15		
ESP2206F	22	6	20		ESP2206B	22	6	20	
ESP2208F		8			ESP2208B		8		
ESP2210F		10			ESP2210B		10		
ESP2212F		12			ESP2212B		12		
ESP2214F		14			ESP2214B		14		
ESP2215F		15			ESP2215B		15		
ESP2406F	24	6	22		ESP2406B	24	6	22	
ESP2408F		8			ESP2408B		8		
ESP2410F		10			ESP2410B		10		
ESP2412F		12			ESP2412B		12		
ESP2414F		14			ESP2414B		14		
ESP2415F		15			ESP2415B		15		
ESP2806F	28	6	22	ESP2806B	28	6	22		
ESP2808F		8		ESP2808B		8			
ESP2810F		10		ESP2810B		10			
ESP2812F		12		ESP2812B		12			
ESP2814F		14		ESP2814B		14			
ESP2815F		15		ESP2815B		15			

Coding

ESP----F : S-silicone P-proximal release
F-full covered

Coding

ESP----B : S-silicone P-proximal release
B-both ends head part bare

Ordering Information



TTS (Through The Scope)

► Full 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		

► Both ends head part bare

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		

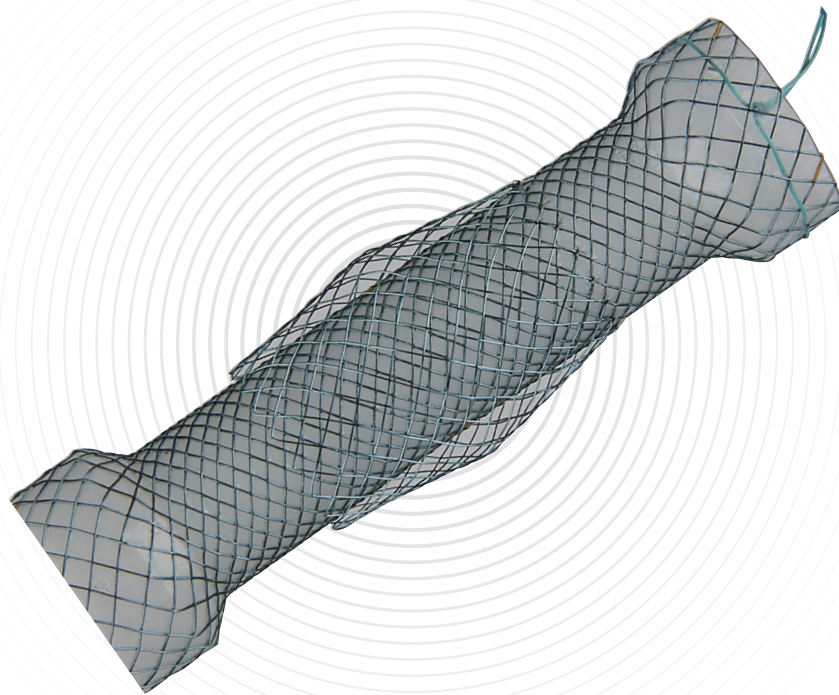
Coding
 EST----F : S-silicone T-TTS F-full covered

Coding
 EST----B : S-silicone T-TTS B-both ends head part bare

Niti-S Esophageal Covered Stent

Double-type

(*Exclusive Design)



Features

- **Structure : "Double-type" with silicone covered membrane**
 - Silicone covering prevents tumor in-growth
 - Additional uncovered mesh prevents risk of migration
- **Radiopaque marker** : 4(four) at the both ends & 2(two) at the middle

Ordering Information



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

Coding

ES----FD : S-silicone F-full covered
D-double layer

Coding

ESP----FD : S-silicone P-proximal release
F-full covered D-double layer

Relative Studies

- "New Design Esophageal Stents for the Palliation of Dysphagia From Esophageal or Gastric Cardia Cancer: A Randomized Trial"
- Els M.L. Verschuur: *Am J Gastroenterol* 2008;103:304–312
- "A new esophageal stent design (Niti-S stent) for the prevention of migration: a prospective study in 42 patients"
- Peter D. Siersema: *GASTROINTESTINAL ENDOSCOPY* Volume 63, No. 1 : 2006

Niti-S Esophageal Covered Stent

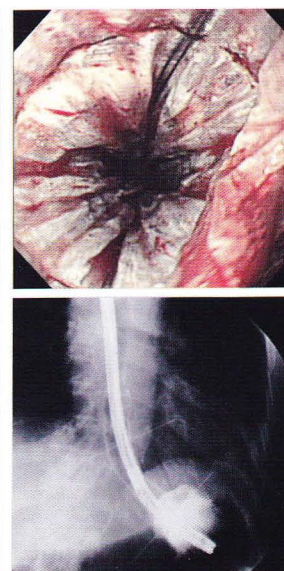
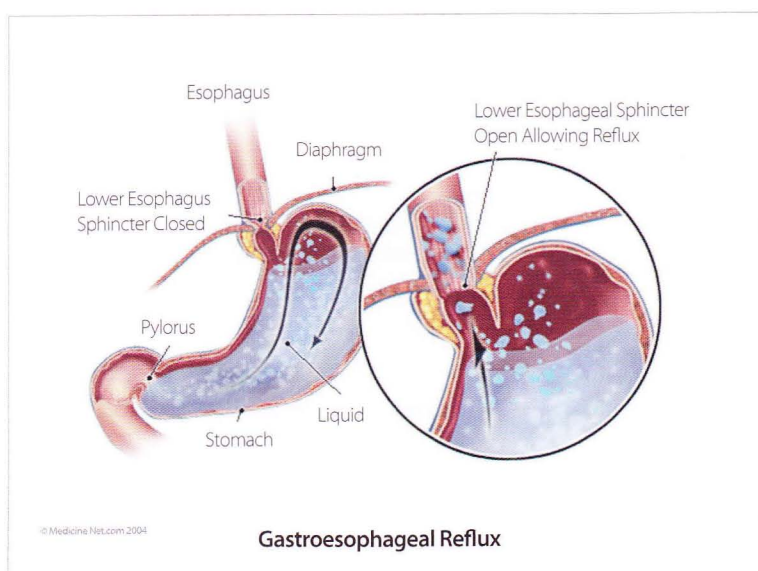
Valve-type

AntiReflux Double (*Exclusive Design)

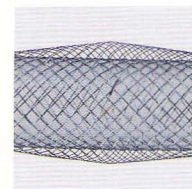


Features

- **Structure : "Valve-type"**
 - Anti-reflux PTFE skirt blocks gastric reflux with the stent placement at EG junction
 - Outer uncovered additional mesh prevents migration



- **Radiopaque marker** : 4(four) at the both ends & 2(two) at the middle



Ordering Information

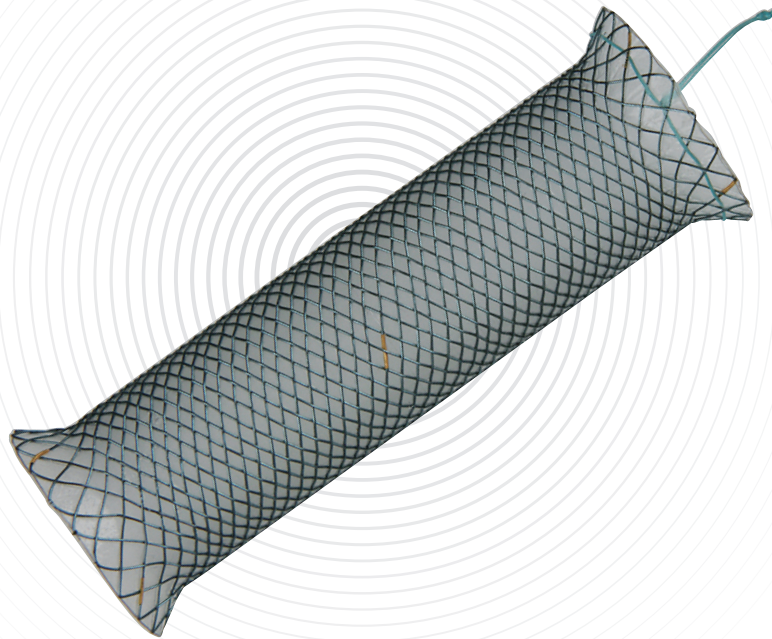
Distal Release				
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
EA1606FD	16	6	18	70
EA1608FD		8		
EA1610FD		10		
EA1612FD		12		
EA1614FD		14		
EA1615FD		15		
EA1806FD	18	6	18	
EA1808FD		8		
EA1810FD		10		
EA1812FD		12		
EA1814FD		14		
EA1815FD		15		
EA2006FD	20	6	20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

Coding

EA----FD : A-antireflux F-full covered D-double layer

Niti-S Esophageal Covered Stent

Flare-type



Features

- **Structure:** "S-type" with both flare ends design covered with silicone
 - Large diameter stent expands rapidly to compress the varices in the esophageal wall
 - Both flare ends design prevents the risk of migration
- **Radiopaque marker:** 4(four) at the both ends & 2(two) at the middle



Ordering Information

Distal Release

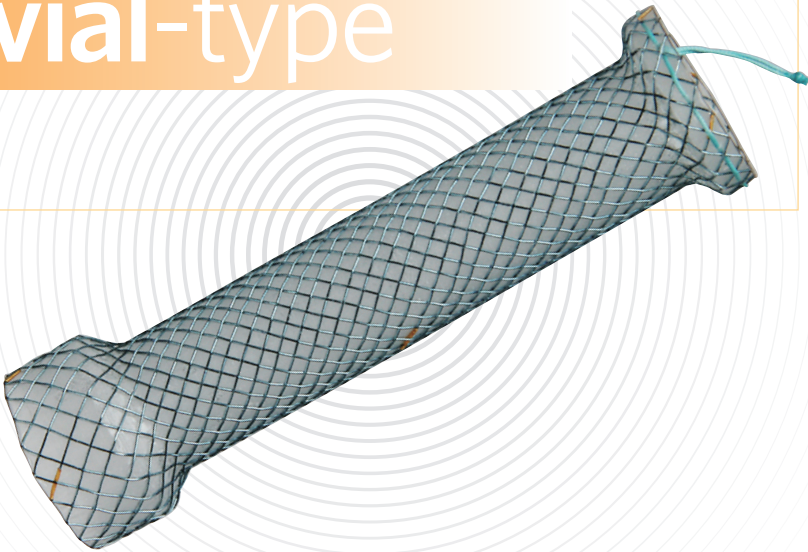
Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES2006FW	20	6	20	70
ES2008FW		8		
ES2010FW		10		
ES2012FW		12		
ES2014FW		14		
ES2015FW		15		
ES2206FW	22	6	20	
ES2208FW		8		
ES2210FW		10		
ES2212FW		12		
ES2214FW		14		
ES2215FW		15		
ES2406FW	24	6	22	
ES2408FW		8		
ES2410FW		10		
ES2412FW		12		
ES2414FW		14		
ES2415FW		15		
ES2806FW	28	6	22	
ES2808FW		8		
ES2810FW		10		
ES2812FW		12		
ES2814FW		14		
ES2815FW		15		

Coding

ES----FW : S-silicone F-full covered W-flare

Niti-S Esophageal Covered Stent

Cervial-type



Features

- Especially short proximal head prevents damage to vocal cords in cases positioning were close to the upper esophageal sphincter
- Radiopaque marker : 4(four) at the both ends & 2(two) at the middle

Ordering Information

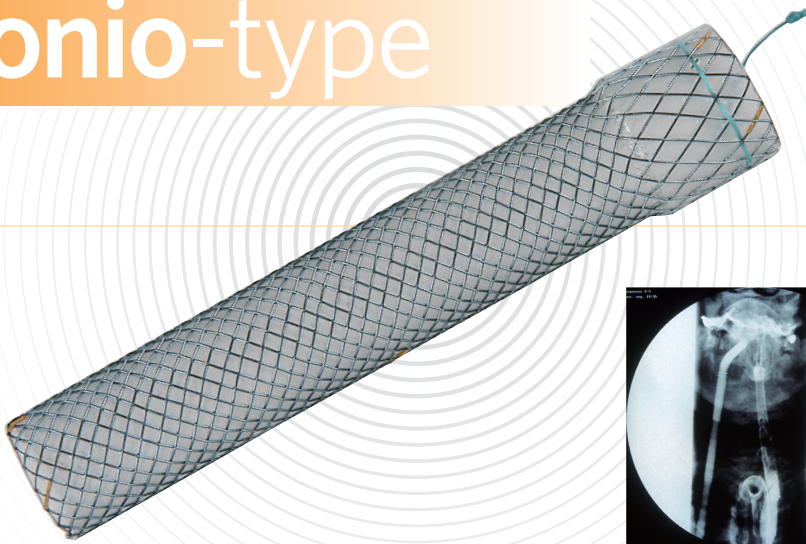
Distal Release					Proximal Release				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1606FV	16	6	16	70	ESP1606FV	16	6	18	70
ES1608FV		8			ESP1608FV		8		
ES1610FV		10			ESP1610FV		10		
ES1612FV		12			ESP1612FV		12		
ES1614FV		14			ESP1614FV		14		
ES1615FV		15			ESP1615FV		15		
ES1806FV	18	6	16	70	ESP1806FV	18	6	18	70
ES1808FV		8			ESP1808FV		8		
ES1810FV		10			ESP1810FV		10		
ES1812FV		12			ESP1812FV		12		
ES1814FV		14			ESP1814FV		14		
ES1815FV		15			ESP1815FV		15		

Coding
ES----FV : S-silicone F-full covered
V-cervical type

Coding
ESP----FV : S-silicone P-proximal release
F-full covered V-cervical type

Niti-S Esophageal Covered Stent

Conio-type



Features

- Dr. Massimo Conio invented this stent and has treated patients with refractory hypopharyngeal strictures after combined therapy for laryngeal cancer
- Radiopaque marker : 4(four) at the both ends & 2(two) at the middle

Ordering Information

Distal Release					Proximal Release				
Code	Stent		Delivery		Code	Stent		Delivery	
	Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)		Diameter (mm)	Length (cm)	Profile (Fr)	Usable Length (cm)
ES1006FN	10	6	12	70	ES1406FN	14	6	14	70
ES1008FN		8			ES1408FN		8		
ES1010FN		10			ES1410FN		10		
ES1012FN		12			ES1412FN		12		
ES1014FN		14			ES1414FN		14		
ES1015FN		15			ES1415FN		15		
ES1206FN	12	6	14		Coding ES----FN : S-silicone F-full covered N-conio type				
ES1208FN		8							
ES1210FN		10							
ES1212FN		12							
ES1214FN		14							
ES1215FN		15							

Relative Studies

- “A modified self-expanding Niti-S stent for the management of benign hypopharyngeal strictures”
- Massimo Conio: GASTROINTESTINAL ENDOSCOPY Volume 65, No. 4 : 2007