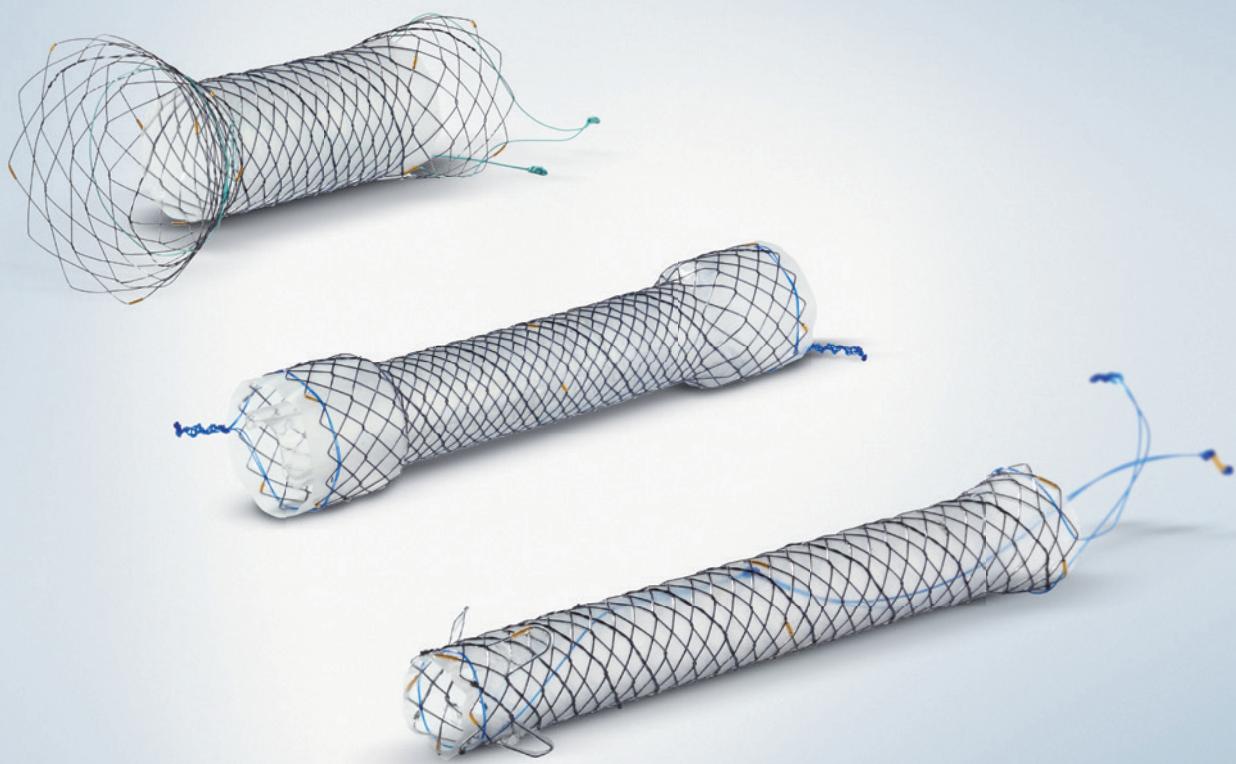


**OLYMPUS**

HANAROSTENT®

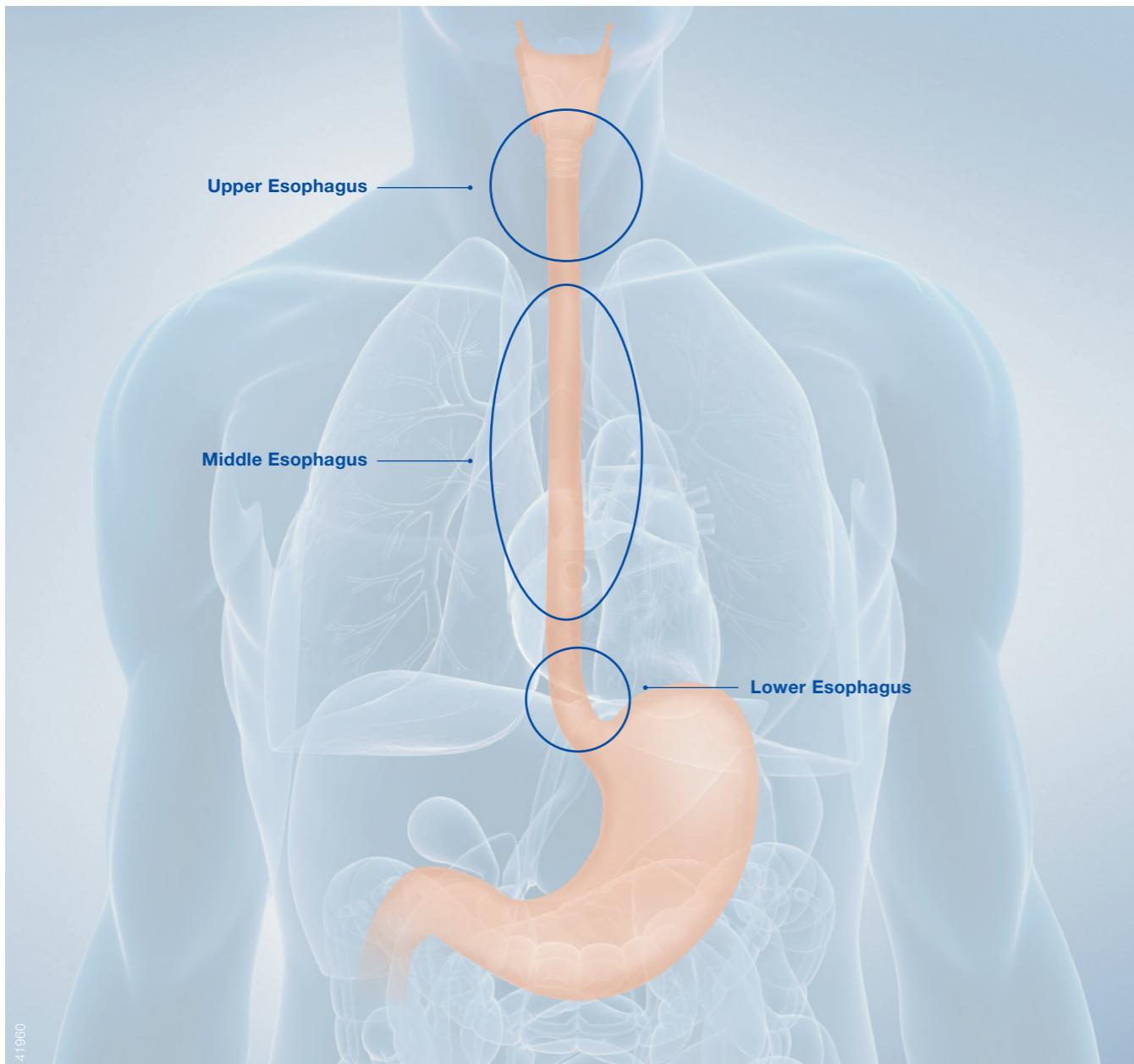
# HANAROSTENT®

**Self-Expandable Metallic Stents**



# Placement of Stents in the Esophagus

## HANAROSTENT® Esophageal Stents



### Upper Esophagus

#### ECP

- Esophageal malignant obstruction
- Shorter flare head on the proximal end to be positioned near the upper esophageal sphincter

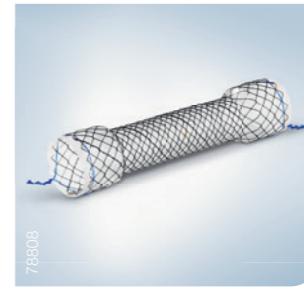


ECP

### Middle Esophagus

#### HES

- Esophageal malignant obstruction
- Dumbbell heads on both ends to prevent stent migration



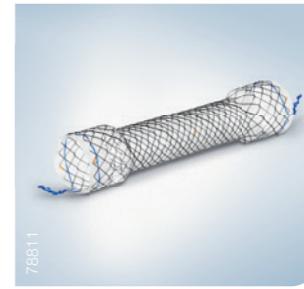
HES



NES28

#### NES28

- Esophageal malignant obstruction
- Inner silicone membrane prevents tumor ingrowth
- Extra-large diameter of 28 mm



EPB



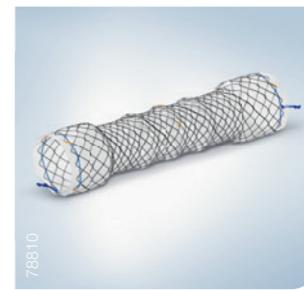
EPG

#### EPB

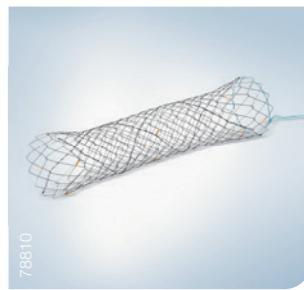
- Esophageal malignant obstruction
- Partially covered dumbbell heads on both ends to prevent stent migration

#### EPG

- Esophageal malignant obstruction
- Uncovered proximal end for anti-migration
- Shim's technique on the proximal end to prevent stent migration



ECD



HNS

#### ECD

- Esophageal malignant obstruction
- Skidproof design to prevent stent migration

#### HNS

- Esophageal malignant obstruction
- Uncovered stent and flare heads on both ends to prevent stent migration



EBN



EPBA

#### EBN

- Esophageal benign obstruction
- Fully covered stent and membrane outer covering on the shoulders for easy removal

#### EPBA

- Esophageal malignant obstruction
- Uncovered dumbbell heads on both ends to prevent stent migration
- Through-the-scope (TTS) application

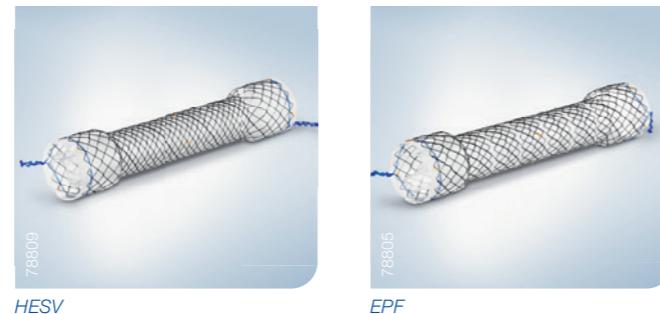
## Placement of Stents in the Esophagus

### HANAROSTENT® Esophageal Stents

#### Lower Esophagus

##### HESV

- Esophageal malignant obstruction
- S-valve inside the stent for anti-reflux function
- Fully covered stent



##### EPF

- Esophageal malignant obstruction
- S-valve inside the stent for anti-reflux function
- Uncovered dumbbell head on the proximal end to prevent stent migration

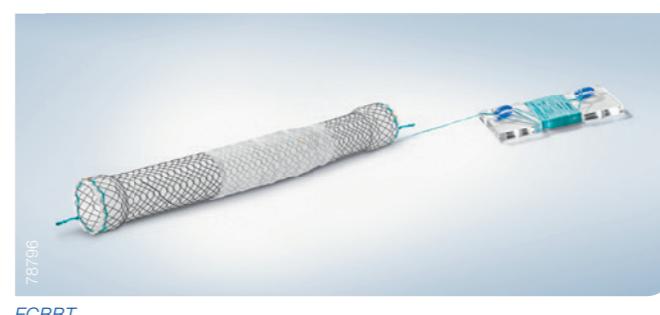
##### ECBS

- Esophageal benign indication
- Two flexible zones for high conformity



##### ECBB

- Esophageal benign indication
- Flexible zone in the middle part of the stent for high conformity

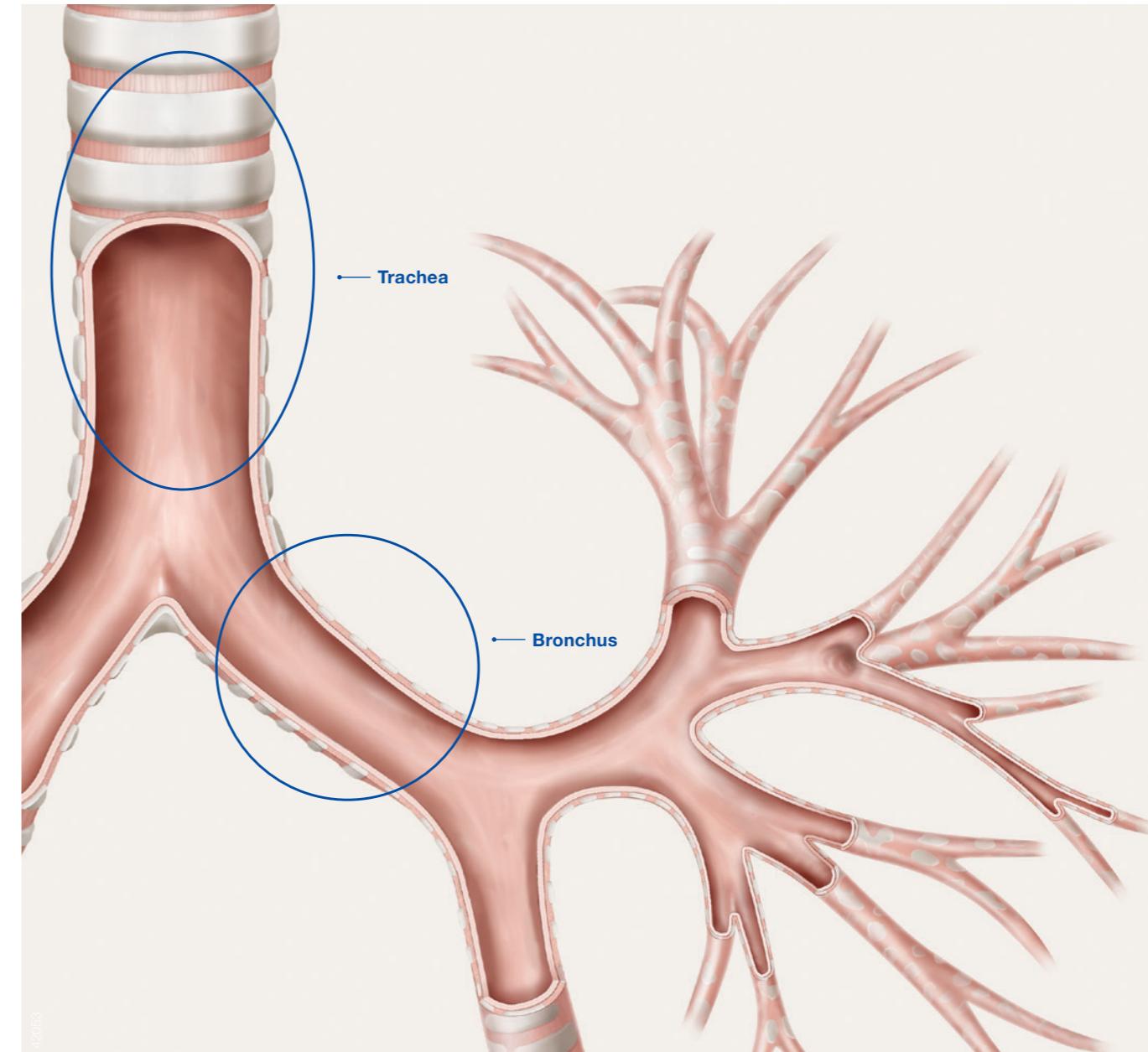


##### ECBBT

- Esophageal benign indication
- Flexible zone in the middle part of stent for high conformity
- Shim's technique to prevent stent migration

## Placement of Stents in the Tracheobronchial System

### HANAROSTENT® Tracheobronchial Stents



#### Trachea and Bronchus

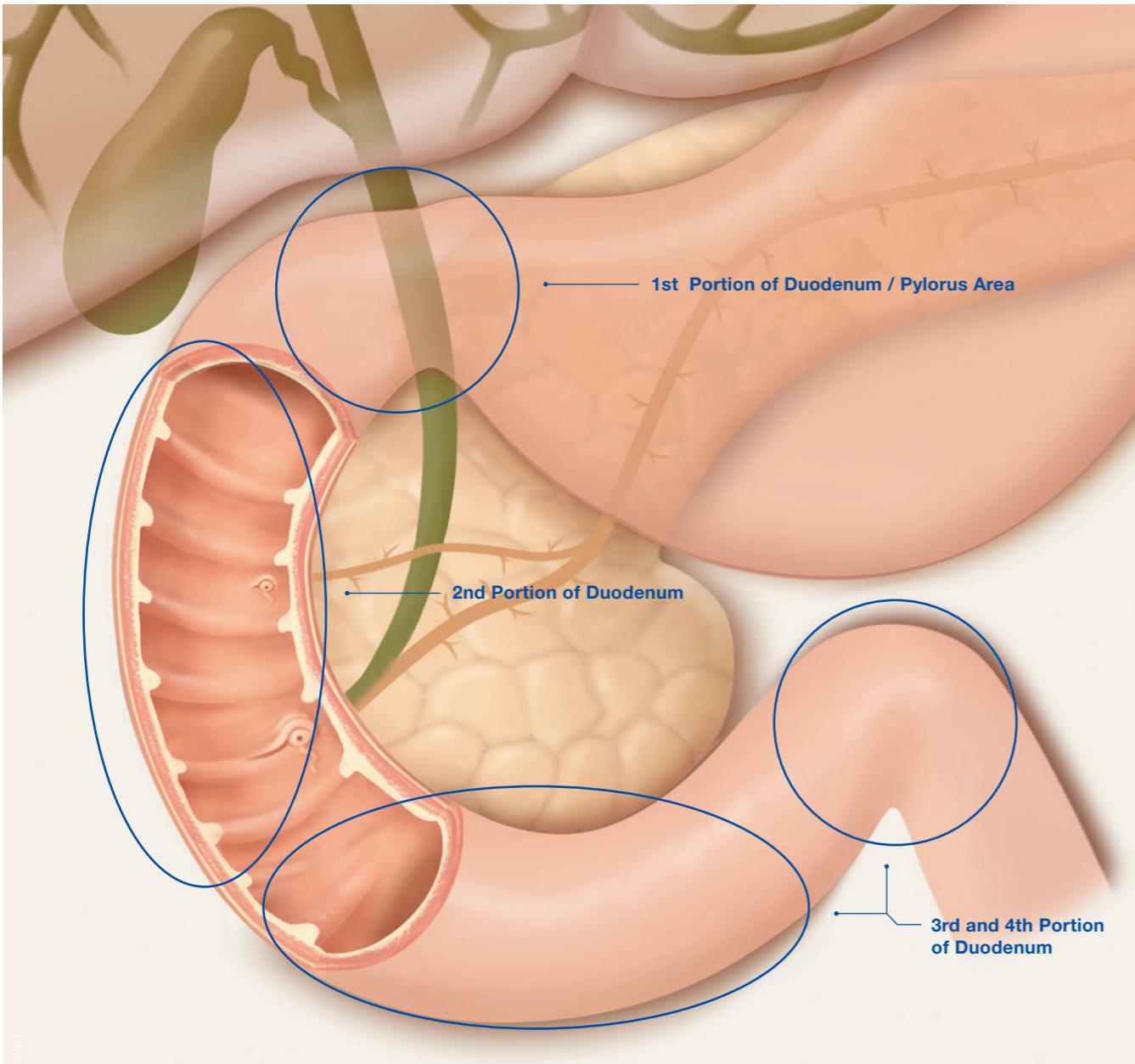
##### NTS

- Tracheobronchial malignant obstruction
- Flare heads on both ends for anti-migration
- Inner silicone membrane supports easy sputum flow and prevents ingrowth



# Placement of Stents in the Duodenum

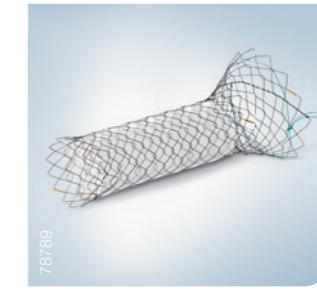
## HANAROSTENT® Duodenal/Pyloric Stents



### 1st Portion of Duodenum / Pylorus Area

#### DPDL

- Duodenal/pyloric malignant obstruction
- Larger head on proximal end for positioning in the pylorus
- Double-layered body structure and high conformity



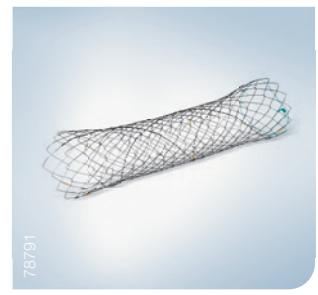
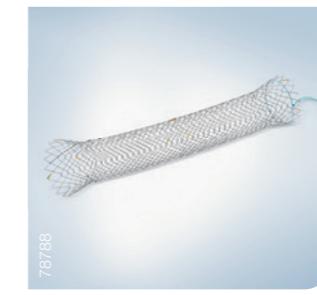
#### NDCL

- Duodenal/pyloric malignant obstruction
- Partially covered stent and flares on both ends to prevent stent migration
- Minimal tissue ingrowth due to inner silicone membrane

### 2nd Portion of Duodenum

#### DNZL

- Duodenal/pyloric malignant obstruction
- Flare heads on both ends to prevent stent migration
- High flexibility due to double-layered wire structure



#### NDSL

- Duodenal/pyloric malignant obstruction
- Flare heads on both ends to prevent stent migration



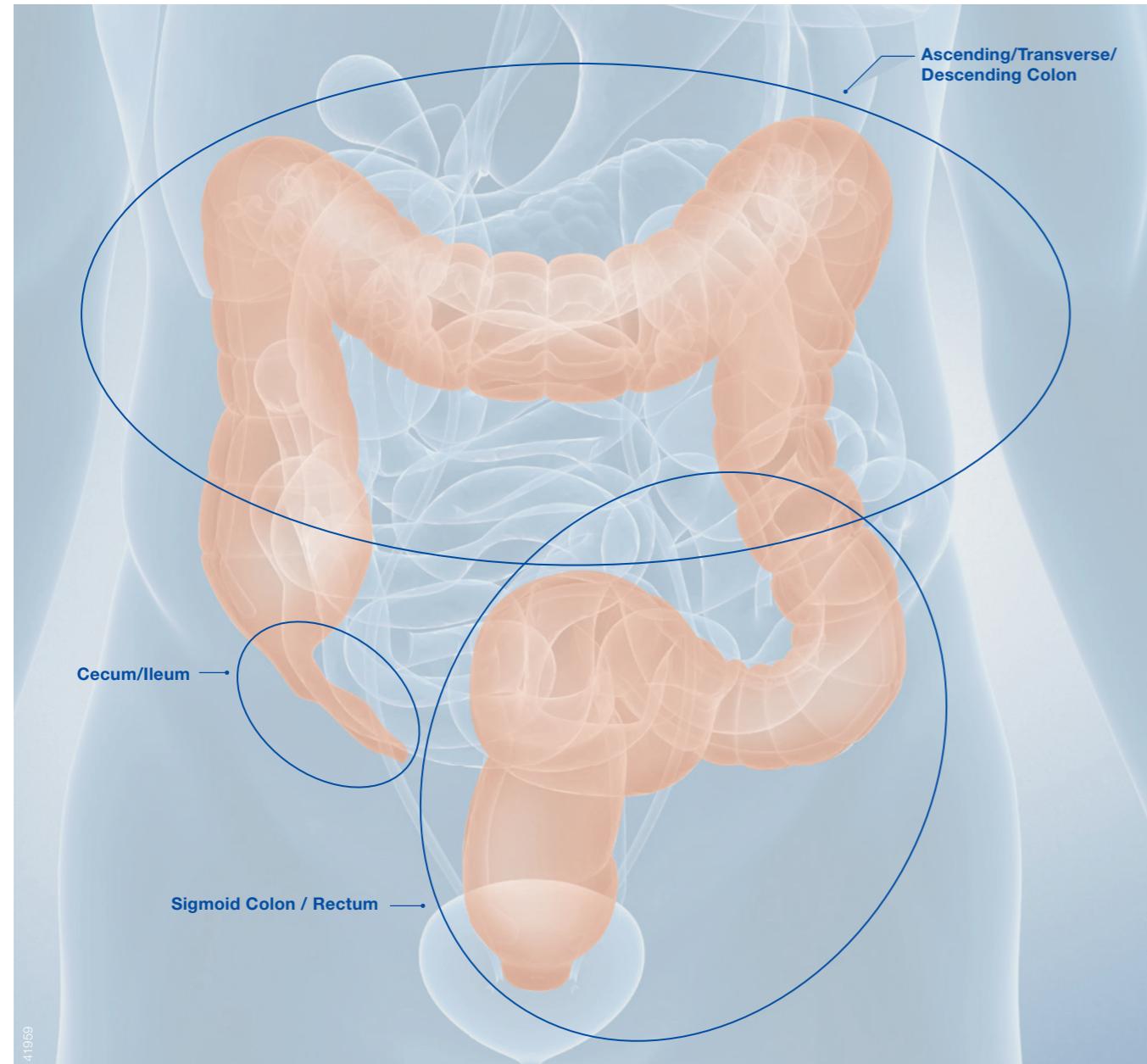
### 3rd and 4th Portion of Duodenum

#### DNZL

- Duodenal/pyloric malignant obstruction
- Flare heads on both ends to prevent stent migration
- High flexibility due to double-layered wire structure

# Placement of Stents in the Colon

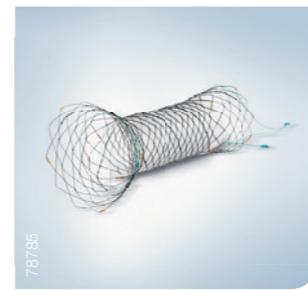
## HANAROSTENT® Colorectal Stents



### Cecum/Ileum

#### HRC20

- For malignant and benign indications
- Uncovered flare heads and one large head on the distal end to prevent stent migration
- For the area connecting small and large intestine in the case of Crohn's disease

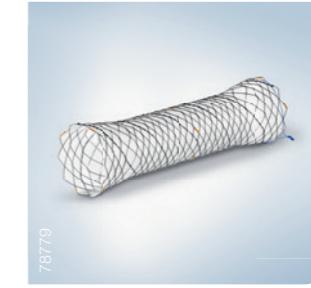


HRC20

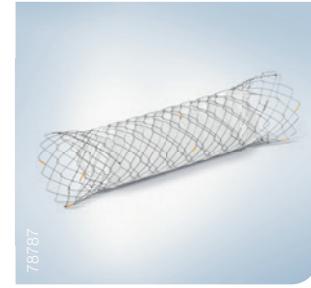
### Ascending/Transverse/Descending Colon

#### CCBA

- Malignant colorectal obstruction
- Fully covered stent and flare heads to prevent stent migration



78779  
CCBA



78787  
TLC

#### TLC

- Malignant colorectal obstruction
- Uncovered flare heads to prevent stent migration
- High flexibility due to double-layered wire structure and inner membrane



78785  
NCSL



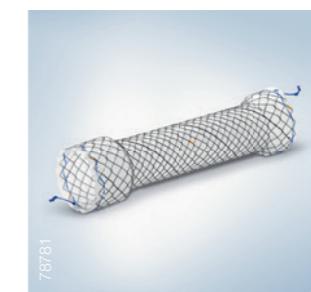
78782  
CNZ

#### NCSL

- Malignant colorectal obstruction
- Uncovered stent and flare heads to prevent stent migration

#### CNZ

- Malignant colorectal obstruction
- Uncovered stent and flare heads to prevent stent migration
- High flexibility due to double-layered wire structure



78781  
CCN



78780  
CCI

### Sigmoid Colon / Rectum

#### CCN

- Malignant and benign colorectal obstruction
- Shorter head on the proximal end to be positioned close to rectum

#### CCI

- Malignant colorectal obstruction
- Shorter head on the proximal end to be positioned close to rectum



78762  
CNZ



78778  
CCB

#### CNZ

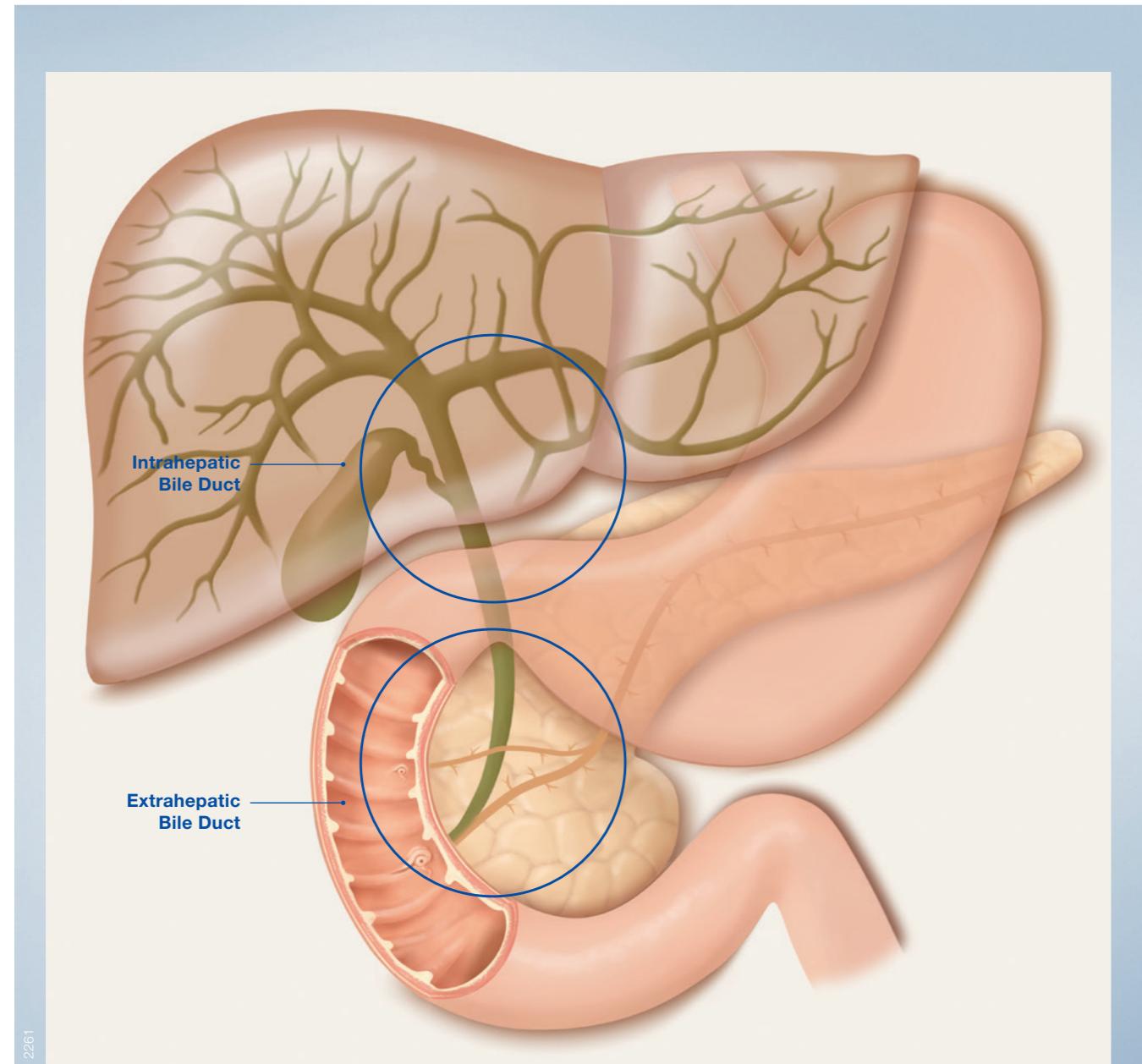
- Malignant colorectal obstruction
- Uncovered stent and flare heads to prevent stent migration
- High flexibility due to double-layered wire structure

#### CCB

- Malignant colorectal obstruction
- Fully covered stent and dumbbell heads to prevent stent migration
- To be positioned in the descending colon

# Placement of Stents in the Biliary System

## HANAROSTENT® Biliary Stents



### Intrahepatic Bile Duct

#### BNHS

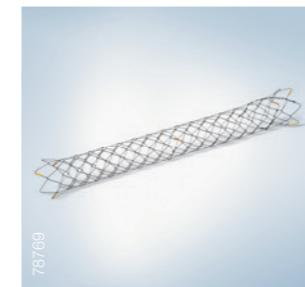
- Malignant biliary hilar obstruction
- Thin, dedicated delivery device for simultaneous side-by-side stenting

#### BNL

- Malignant biliary hilar obstruction
- Flares on both ends to prevent stent migration
- Large cell structure to facilitate second stent placement through the mesh



BNHS

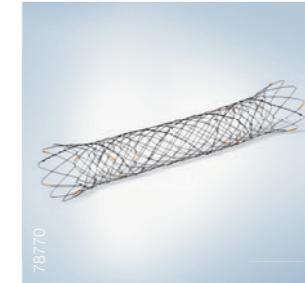


BNL

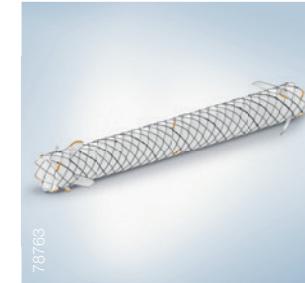
### Extrahepatic Bile Duct<sup>1</sup>

#### BNY

- Malignant biliary hilar obstruction
- Flares on both ends to prevent stent migration
- Large cell in the middle to facilitate second stent placement through the mesh



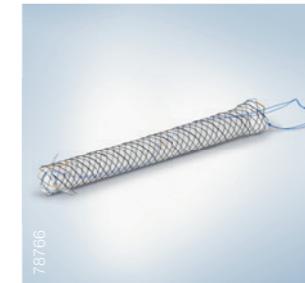
78770



78763

#### BCG (Distal Wire-Guided / FAST™ Delivery System)

- Malignant and benign biliary obstruction
- Two anchoring flaps on both ends to prevent stent migration



78765



78774

#### BCT

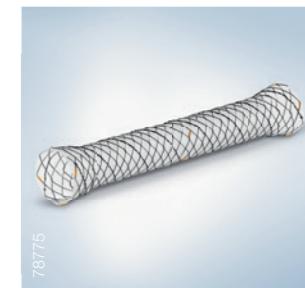
- Malignant and benign biliary obstruction
- Reduced stent migration supported by four anchoring flaps on the proximal end and a flared distal end
- Long lasso for inside-out stent removal

#### BPN

- Malignant biliary obstruction
- Reduced stent migration supported by flared ends and uncovered proximal end



78761



78775

#### BCB

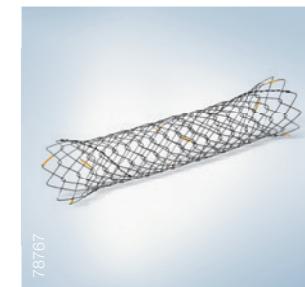
- Malignant and benign biliary obstruction
- Reduced tissue ingrowth achieved by silicone inner covering

#### SHC

- Malignant biliary obstruction
- Flares on both ends to prevent stent migration



78760



78767

#### BCA

- Malignant biliary obstruction
- Reduced tissue ingrowth achieved by silicone inner covering

#### BNA

- Malignant biliary obstruction
- Reduced stent migration supported by flared ends
- For percutaneous application

<sup>1</sup> Uncovered stents can be placed in the extrahepatic and intrahepatic bile duct

## Placement of Stents in the Biliary System

### HANAROSTENT® Biliary Stents

#### SHS (Distal Wire-Guided / FAST™ Delivery System)

- Malignant biliary obstruction
- Flares on both ends to prevent stent migration

#### BPA

- Malignant biliary obstruction
- Reduced stent migration supported by uncovered flared ends



#### BMCL

- Malignant biliary obstruction
- Increased drainage efficiency supported by hybrid design with multiple holes in the silicone membrane



### Special Design Stents

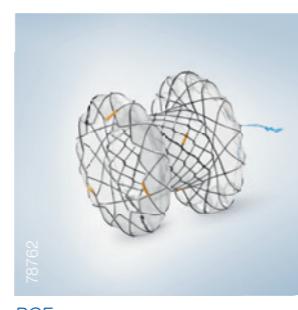
#### BPF

- Malignant biliary obstruction
- Reduced stent migration supported by uncovered distal end and flaps



#### BPD

- Malignant biliary obstruction
- Reduced stent migration supported by uncovered distal end
- Large flange on the proximal end to prevent stent migration



#### BCF

- Designed for EUS-guided transluminal drainage<sup>2</sup>
- Holds tissue layers tight and prevents stent migration
- For the treatment of pancreatic fluid collections (PFCs)<sup>2</sup>
- Facilitates direct endoscopic necrosectomy and adapts to various locations of the PFCs

## Specifications and Ordering Information

### HANAROSTENT® Stents

#### Important Color Codes and Symbols

#### HANAROSTENT® Device Features

- Single use only
- Sterile-packed
- Has a luer lock connector or cleaning adaptor for flushing
- Allows for the instillation of contrast medium
- Visible under fluoroscopic control
- MR-conditional

#### Color Codes for Minimum Channel Diameters

The following color codes provide orientation to match EndoTherapy devices with the right Olympus channel diameter.

Minimum Channel Diameter	Color Code
2.8 mm / 3.2 mm	Yellow
3.7 mm / 4.2 mm / 6.0 mm	Orange

Stents with no color code work with an ergonomic over-the-wire (OTW) delivery system.

#### Stent Image

Distal       - Proximal

(NNN) Non-covered

(CCC) Fully covered

(NCN) Partially covered

#### Symbols for Medical Fields



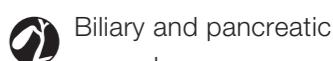
Bronchoscopy



Upper GI endoscopy



Lower GI endoscopy



Biliary and pancreatic procedures

#### HANAROSTENT® Esophageal Stents

#### ECP – Single-Use Upper Esophageal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
ECP-18060-X070	E0422127	32 mm	60 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	
ECP-18080-X070	E0422128	52 mm	80 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	
ECP-18100-X070	E0422129	72 mm	100 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	
ECP-18120-X070	E0422130	92 mm	120 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	
ECP-18150-X070	E0422131	122 mm	150 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	
ECP-18170-X070	E0422132	142 mm	170 mm	24-18-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	

<sup>2</sup> Shuntaro Mukai, Takayoshi Tsuchiya, Takao Itoi, et al. – Prospective evaluation of a new biflanged metal stent for the treatment of pancreatic fluid collections (with video), Gastrointestinal Endoscopy, S0016-5107(16)30806-9, 2017

Please refer to the electronic version of the ET Catalog (website) for the most updated stent specifications.

# Specifications and Ordering Information

## HANAROSTENT® Stents

### HES – Single-Use Esophageal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
HES-18-060-070	E0422133	20 mm	60 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
HES-18-080-070	E0422134	40 mm	80 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
HES-18-110-070	E0422135	70 mm	110 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
HES-18-140-070	E0422136	100 mm	140 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
HES-18-170-070	E0422137	130 mm	170 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
HES-22-060-070	E0422138	20 mm	60 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HES-22-080-070	E0422139	40 mm	80 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HES-22-110-070	E0422140	70 mm	110 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HES-22-140-070	E0422141	100 mm	140 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HES-22-170-070	E0422142	130 mm	170 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HES-22-180-070	E0422143	140 mm	180 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### EPB – Single-Use Esophageal Partially Covered Stents (NCN)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
EPB-18060-X070	E0422148	20 mm	60 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
EPB-18080-X070	E0422149	40 mm	80 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
EPB-18110-X070	E0422150	70 mm	110 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
EPB-18140-X070	E0422151	100 mm	140 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
EPB-18170-X070	E0422152	130 mm	170 mm	24-18-24 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
EPB-22060-Z070	E0422155	20 mm	60 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22080-Z070	E0422156	40 mm	80 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22090-Z070	E0422157	50 mm	90 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22110-Z070	E0422158	70 mm	110 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22120-Z070	E0422159	80 mm	120 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22140-Z070	E0422160	100 mm	140 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22160-Z070	E0422161	120 mm	160 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPB-22170-Z070	E0422162	130 mm	170 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### NES28 – Single-Use Esophageal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
NES-28-060-070	E0422144	20 mm	60 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-080-070	E0422145	40 mm	80 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-100-070	E0422146	60 mm	100 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-110-070	E0422007	70 mm	110 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-120-070	E0422147	80 mm	120 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-140-070	E0422008	100 mm	140 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NES-28-170-070	E0422009	130 mm	170 mm	34-28-34 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### EPG – Single-Use Esophageal Partially Covered Stents with Shim's Technique (CCN)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
EPG-22060-Z070	E0422167	20 mm	60 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPG-22170-Z070	E0422168	130 mm	170 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### ECD – Single-Use Esophageal Covered, Skidproof Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
ECD-20-080-070	E0422169	40 mm	80 mm	26-20-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
ECD-20-120-070	E0422170	80 mm	120 mm	26-20-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
ECD-20-140-070	E0422171	100 mm	140 mm	26-20-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
ECD-20-180-070	E0422172	140 mm	180 mm	26-20-26 mm	700 mm	6/18 mm/Fr.	Yes (2)	0.038"	●

# Specifications and Ordering Information

## HANAROSTENT® Stents

### HNS – Single-Use Esophageal Uncovered Stents (NNN)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
HNS22-090-070	E0422173	50 mm	90 mm	28-22-28 mm	700 mm	4/12 mm/Fr.	Yes (2)	0.038"	●
HNS22-120-070	E0422174	80 mm	120 mm	28-22-28 mm	700 mm	4/12 mm/Fr.	Yes (2)	0.038"	●
HNS22-160-070	E0422175	120 mm	160 mm	28-22-28 mm	700 mm	4/12 mm/Fr.	Yes (2)	0.038"	●

### EBN – Single-Use Esophageal Covered Stents for Benign Strictures (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
EBN-22-060-Z070	E0422191	20 mm	60 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EBN-22-080-Z070	E0422015	40 mm	80 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EBN-22-100-Z070	E0422192	60 mm	100 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EBN-22-120-Z070	E0422016	80 mm	120 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### EPBA – Single-Use Esophageal Partially Covered Stents (NCN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
EPBA-18-060-230	E0422292	● 3.7 mm	30 mm	60 mm	26-18-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-18-080-230	E0422293	● 3.7 mm	50 mm	80 mm	26-18-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-18-100-230	E0422294	● 3.7 mm	70 mm	100 mm	26-18-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-18-120-230	E0422295	● 3.7 mm	90 mm	120 mm	26-18-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-18-150-230	E0422296	● 3.7 mm	120 mm	150 mm	26-18-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-060-230	E0422198	● 3.7 mm	30 mm	60 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-080-230	E0422199	● 3.7 mm	50 mm	80 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-090-230	E0422020	● 3.7 mm	60 mm	90 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-100-230	E0422200	● 3.7 mm	70 mm	100 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-120-230	E0422021	● 3.7 mm	90 mm	120 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●
EPBA-20-150-230	E0422022	● 3.7 mm	120 mm	150 mm	26-20-26 mm	2300 mm	3.47/10.5 mm/Fr.	Yes (1)	0.035"	●

### HESV – Single-Use Esophageal Covered Stents with Anti-Reflux Function (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
HESV-18-090-070	E0422176	50 mm	90 mm	24-18-24 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-18-120-070	E0422177	80 mm	120 mm	24-18-24 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-18-160-070	E0422178	120 mm	160 mm	24-18-24 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-22-060-070	E0422179	20 mm	60 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-22-090-070	E0422180	50 mm	90 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-22-120-070	E0422181	80 mm	120 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-22-160-070	E0422182	120 mm	160 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
HESV-22-170-070	E0422183	130 mm	170 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### EPF – Single-Use Esophageal Partially Covered Stents with Anti-Reflux Function (CCN)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
EPF-22090-Z070	E0422188	50 mm	90 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPF-22120-Z070	E0422189	80 mm	120 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
EPF-22160-Z070	E0422190	120 mm	160 mm	28-22-28 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### ECBS – Single-Use Esophageal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
ECBS-26-180-090	E0422196	130 mm	180 mm	34-26-36 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
ECBS-26-210-090	E0422291	160 mm	210 mm	34-26-36 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
ECBS-26-240-090	E0422197	190 mm	240 mm	34-26-36 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### ECBB – Single-Use Esophageal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
ECBB-28-180-090	E0422017	145 mm	180 mm	32-28-28 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
ECBB-28-210-090	E0422018	175 mm	210 mm	32-28-28 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
ECBB-28-240-090	E0422019	205 mm	240 mm	32-28-28 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### ECBBT – Single-Use Esophageal Covered Stents with Shim's Technique (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
ECBBT-28-180-090	E0422193	145 mm	180 mm	32-28-24 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
ECBBT-28-210-090	E0422194	175 mm	210 mm</						

# Specifications and Ordering Information

## HANAROSTENT® Stents

HANAROSTENT® Tracheobronchial Stents									
NTS – Single-Use Tracheobronchial Covered Stents (CCC)									
Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
NTS-10-040-090	E0422056	30 mm	40 mm	14-10-14 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-10-060-090	E0422057	50 mm	60 mm	14-10-14 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-12-040-090	E0422058	30 mm	40 mm	16-12-16 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-12-060-090	E0422059	50 mm	60 mm	16-12-16 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-14-040-090	E0422060	30 mm	40 mm	16.5-14-16.5 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-14-060-090	E0422061	50 mm	60 mm	16.5-14-16.5 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-16-040-090	E0422062	30 mm	40 mm	18.6-16-18.6 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-16-060-090	E0422063	50 mm	60 mm	18.6-16-18.6 mm	900 mm	6/18 mm/Fr.	Yes (2)	0.038"	●
NTS-18-040-090	E0422064	30 mm	40 mm	20.5-18-20.5 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NTS-18-060-090	E0422065	50 mm	60 mm	20.5-18-20.5 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NTS-20-040-090	E0422066	30 mm	40 mm	22.7-20-22.7 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
NTS-20-060-090	E0422067	50 mm	60 mm	22.7-20-22.7 mm	900 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

DNZL – Single-Use Duodenal Pyloric Uncovered Stents (NNN), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
DNZL-20-080-230	E0422026	● 3.7 mm	50 mm	80 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
DNZL-20-110-230	E0422027	● 3.7 mm	80 mm	110 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
DNZL-20-140-230	E0422028	● 3.7 mm	110 mm	140 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

HANAROSTENT® Duodenal/Pyloric Stents										
DPDL – Single-Use Duodenal Pyloric Partially Covered Stents with Kim's Flare (NCN), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
DPDL-20-090-230	E0422031	● 3.7 mm	62 mm	90 mm	22-20-40 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
DPDL-20-110-230	E0422032	● 3.7 mm	82 mm	110 mm	22-20-40 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
DPDL-20-130-230	E0422033	● 3.7 mm	102 mm	130 mm	22-20-40 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

HANAROSTENT® Colorectal Stents										
HRC20 – Single-Use Intestinal Asymmetric, Partially Covered Stents (NCN), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
HRC-20-060-230	E0422050	● 3.7 mm	20 mm	60 mm	40-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	●
HRC-20-080-230	E0422051	● 3.7 mm	40 mm	80 mm	40-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	●

NDCL – Single-Use Duodenal Pyloric Partially Covered Stents (NCN), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
NDCL-20-060-230	E0422022	● 3.7 mm	24 mm	60 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
NDCL-20-090-230	E0422029	● 3.7 mm	54 mm	90 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
NDCL-20-110-230	E0422030	● 3.7 mm	74 mm	110 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

CCBA – Single-Use Colonic Covered Stents (CCC), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
CCBA 20-100-230	E0422204	● 3.7 mm	64 mm	100 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CCBA 20-130-230	E0422205	● 3.7 mm	94 mm	130 mm	26-20-26 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

# Specifications and Ordering Information

## HANAROSTENT® Stents

### TLC – Single-Use Colonic Partially Covered Stents (NCN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
TLC-22-060-230	E0422047	● 3.7 mm	30 mm	60 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	No	0.035"	●
TLC-22-100-230	E0422048	● 3.7 mm	70 mm	100 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	No	0.035"	●
TLC-22-140-230	E0422049	● 3.7 mm	110 mm	140 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	No	0.035"	●

### CCI – Single-Use Colorectal Asymmetrical, Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
CCI-24-050-Z070	E0422211	20 mm	50 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCI-24-080-Z070	E0422212	50 mm	80 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCI-24-110-Z070	E0422213	80 mm	110 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCI-24-150-Z070	E0422214	120 mm	150 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### NCSL – Single-Use Colonic Uncovered Stents (NNN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
NCSL-24-080-230	E0422037	● 3.7 mm	50 mm	80 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
NCSL-24-110-230	E0422038	● 3.7 mm	80 mm	110 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
NCSL-24-140-230	E0422039	● 3.7 mm	110 mm	140 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
NCSL-24-170-230	E0422040	● 3.7 mm	140 mm	170 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

### CCB – Single-Use Colorectal Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
CCB-24-060-Z070	E0422215	20 mm	60 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCB-24-090-Z070	E0422216	50 mm	90 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCB-24-120-Z070	E0422217	80 mm	120 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●
CCB-24-160-Z070	E0422218	120 mm	160 mm	32-24-32 mm	700 mm	8/24 mm/Fr.	Yes (2)	0.038"	●

### CNZ – Single-Use Colonic Uncovered Stents (NNN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
CNZ-22-080-230	E0422041	● 3.7 mm	50 mm	80 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-22-110-230	E0422042	● 3.7 mm	80 mm	110 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-22-140-230	E0422043	● 3.7 mm	110 mm	140 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-22-170-230	E0422203	● 3.7 mm	140 mm	170 mm	28-22-28 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-24-080-230	E0422044	● 3.7 mm	50 mm	80 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-24-110-230	E0422045	● 3.7 mm	80 mm	110 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-24-140-230	E0422046	● 3.7 mm	110 mm	140 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●
CNZ-24-170-230	E0422297	● 3.7 mm	140 mm	170 mm	30-24-30 mm	2300 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	●

### HANAROSTENT® Biliary Stents

#### BNHS – Single-Use Hilar Biliary Uncovered Hilar Stents (NNN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BNHS-06-040-180	E0422086	● 3.2 mm	40 mm	40 mm	6 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-06-060-180	E0422087	● 3.2 mm	60 mm	60 mm	6 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-06-080-180	E0422088	● 3.2 mm	80 mm	80 mm	6 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-06-100-180	E0422089	● 3.2 mm	100 mm	100 mm	6 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-06-120-180	E0422090	● 3.2 mm	120 mm	120 mm	6 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-08-040-180	E0422091	● 3.2 mm	40 mm	40 mm	8 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-08-060-180	E0422092	● 3.2 mm	60 mm	60 mm	8 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-08-080-180	E0422093	● 3.2 mm	80 mm	80 mm	8 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-08-100-180	E0422094	● 3.2 mm	100 mm	100 mm	8 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●
BNHS-08-120-180	E0422095	● 3.2 mm	120 mm	120 mm	8 mm	1800 mm	1.97/5.9 mm/Fr.	No	0.025"	●

### CCN – Single-Use Colorectal Asymmetrical, Covered Stents (CCC)

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
CCN-24-050-Z070	E0422052	20 mm	50 mm	32-24-32 mm	700 mm	8 / 24 mm/Fr.	Yes (2)	0.038"	●
CCN-24-080-Z070	E0422053	50 mm	80 mm	32-24-32 mm	700 mm	8 / 24 mm/Fr.	Yes (2)	0.038"	●
CCN-24-110-Z070	E0422054	80 mm	110 mm	32-24-32 mm	700 mm	8 / 24 mm/Fr.	Yes (2)	0.038"	●
CCN-24-150-Z070	E0422055	120 mm	150 mm	32-24-32 mm	700 mm	8 / 24 mm/Fr.	Yes (2)	0.038"	●

Please refer to the electronic version of the ET Catalog (website) for the most updated stent specifications.

# Specifications and Ordering Information

## HANAROSTENT® Stents

### BNL – Single-Use Hilar Biliary Uncovered Stents (NNN), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BNL-10-060-180	E0422222	● 4.2 mm	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ
BNL-10-080-180	E0422223	● 4.2 mm	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ

### BNY – Single-Use Biliary Uncovered Hilar Stents (NNN), TTS

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BNY-10-060-180	E0422068	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ
BNY-10-080-180	E0422069	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ
BNY-10-100-180	E0422070	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ
BNY-10-120-180	E0422071	106 mm	120 mm	13.5-10-13.5 mm	1800 mm	2.33/7 mm/Fr.	No	0.035"	ⓘ

BCG – Single-Use Biliary Covered Stents with Flaps (CCC), TTS – Distal Wire-Guided, FAST™ Delivery System	Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BCG-08-040-S180 E0420512	● 4.2 mm	20 mm	40 mm	8 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BCG-08-060-S180 E0420513	● 4.2 mm	40 mm	60 mm	8 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BCG-08-080-S180 E0420514	● 4.2 mm	60 mm	80 mm	8 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BCG-10-040-S180 E0422288	● 4.2 mm	28 mm	40 mm	10 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BCG-10-060-S180 E0422289	● 4.2 mm	48 mm	60 mm	10 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BCG-10-080-S180 E0422290	● 4.2 mm	68 mm	80 mm	10 mm			1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BCT-10-040-180	E0422114	● 4.2 mm	33 mm	40 mm	10-10-13.5 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	ⓘ
BCT-10-060-180	E0422115	● 4.2 mm	53 mm	60 mm	10-10-13.5 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	ⓘ
BCT-10-080-180	E0422116	● 4.2 mm	73 mm	80 mm	10-10-13.5 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	ⓘ
BCT-10-100-180	E0422117	● 4.2 mm	93 mm	100 mm	10-10-13.5 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	ⓘ
BCT-10-120-180	E0422118	● 4.2 mm	113 mm	120 mm	10-10-13.5 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (2)	0.035"	ⓘ

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BPN-10-040-180	E0422269	● 4.2 mm	26 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
BPN-10-100-180	E0422270	● 4.2 mm	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ

Please refer to the electronic version of the ET Catalog (website) for the most updated stent specifications.

### BCB – Single-Use Biliary Covered Stents with One Lasso (CCC), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BCB-08040-E180	E0422236	● 4.2 mm	30 mm	40 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-08050-E180	E0422237	● 4.2 mm	40 mm	50 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-08060-E180	E0422238	● 4.2 mm	50 mm	60 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-08080-E180	E0422239	● 4.2 mm	70 mm	80 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-08100-E180	E0422240	● 4.2 mm	90 mm	100 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-10040-E180	E0422241	● 4.2 mm	30 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-10050-E180	E0422242	● 4.2 mm	40 mm	50 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-10060-E180	E0422243	● 4.2 mm	50 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-10080-E180	E0422244	● 4.2 mm	70 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ
BCB-10100-E180	E0422245	● 4.2 mm	90 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	ⓘ

### SHC – Single-Use Biliary Covered Stents with Flare, TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
SHC-10-040-180	E0422246	● 4.2 mm	26 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
SHC-10-060-180	E0422247	● 4.2 mm	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
SHC-10-080-180	E0422248	● 4.2 mm	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ
SHC-10-100-180	E0422249	● 4.2 mm	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	ⓘ

### BCA – Single-Use Biliary Covered Stents (CCC) for Percutaneous Application

Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BCA-10060-Q060	E0422254	50 mm	60 mm	13.5-10-13.5 mm	600 mm	2.66/8 mm/Fr.	No		

# Specifications and Ordering Information

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BNA – Single-Use Biliary Uncovered Hilar Stents for Percutaneous Application (NNN)									
Article Name	Article Number	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guidewire	Area of Compatibility
BNA-08-040-Q060	E0422298	26 mm	40 mm	11.5-8-11.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-08-050-Q060	E0422299	36 mm	50 mm	11.5-8-11.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-08-060-Q060	E0422300	46 mm	60 mm	11.5-8-11.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-08-080-Q060	E0422301	66 mm	80 mm	11.5-8-11.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-08-100-Q060	E0422302	86 mm	100 mm	11.5-8-11.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-10-040-Q060	E0422303	26 mm	40 mm	13.5-10-13.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-10-050-Q060	E0422304	36 mm	50 mm	13.5-10-13.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-10-060-Q060	E0422234	46 mm	60 mm	13.5-10-13.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-10-080-Q060	E0422305	66 mm	80 mm	13.5-10-13.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①
BNA-10-100-Q060	E0422235	86 mm	100 mm	13.5-10-13.5 mm	600 mm	2.33/7 mm/Fr.	No	0.035"	①

BMCL – Single-Use Biliary Covered Stents (CCC), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
BMCL-08-040-180	E0422271	● 4.2 mm	26 mm	40 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-08-050-180	E0422272	● 4.2 mm	36 mm	50 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-08-060-180	E0422273	● 4.2 mm	46 mm	60 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-08-080-180	E0422274	● 4.2 mm	66 mm	80 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-08-100-180	E0422275	● 4.2 mm	86 mm	100 mm	11.5-8-11.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-10-040-180	E0422276	● 4.2 mm	26 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-10-050-180	E0422277	● 4.2 mm	36 mm	50 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-10-060-180	E0422278	● 4.2 mm	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-10-080-180	E0422279	● 4.2 mm	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②
BMCL-10-100-180	E0422280	● 4.2 mm	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.66/8 mm/Fr.	Yes (1)	0.035"	②

SHS – Single-Use Biliary Uncovered Stents (NNN), TTS – Distal Wire-Guided, FAST™ Delivery System										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
SHS-10-040-S180	E0422284	● 4.2 mm	26 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
SHS-10-060-S180	E0422284	● 4.2 mm	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
SHS-10-080-S180	E0422286	● 4.2 mm	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
SHS-10-100-S180	E0422287	● 4.2 mm	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①

BPF – Single-Use Biliary Proximally Covered Stents with Eight Flaps, (NC), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
BPF-10-060-180	E0422260	● 3.7 mm	38 mm	60 mm	10-10-21 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	②
BPF-10-080-180	E0422261	● 3.7 mm	58 mm	80 mm	10-10-21 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	②
BPF-10-100-180	E0422262	● 3.7 mm	78 mm	100 mm	10-10-21 mm	1800 mm	3.4/10.2 mm/Fr.	Yes (1)	0.035"	②

BPA – Single-Use Biliary Partially Covered Stents (NCN), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
BPA-10040-D180	E0422264	● 4.2 mm	26 mm	40 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
BPA-10050-D180	E0422265	● 4.2 mm	36 mm	50 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
BPA-10060-D180	E0422266	● 4.2 mm	46 mm	60 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
BPA-10080-D180	E0422267	● 4.2 mm	66 mm	80 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①
BPA-10100-D180	E0422268	● 4.2 mm	86 mm	100 mm	13.5-10-13.5 mm	1800 mm	2.83/8.5 mm/Fr.	No	0.035"	①

BPD – Single-Use Biliary Stents Proximally Covered (NC), TTS										
Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
BPD-10-060-180	E0422263	● 3.7 mm	54 mm	60 mm	10-10-20 mm	1800 mm	2.83/8.5 mm/Fr.	Yes (1)	0.035"	②
BPD-10-080-180	E0422125	● 3.7 mm	75 mm	80 mm	10-10-20 mm	1800 mm	2.83/8.5 mm/Fr.	Yes (1)	0.035"	②
BPD-10-100-180	E0422126	● 3.7 mm	95 mm	100 mm	10-10-20 mm	1800 mm	2.83/8.5 mm/Fr.	Yes (1)	0.035"	②

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#### BCF – Single-Use Biliary Covered Stents (CCC), TTS

Article Name	Article Number	Min. Working Channel ø	Working Length	Stent Length	Stent ø	Delivery Device Length	Delivery Device ø	Lasso	Max. ø of Guide-wire	Area of Compatibility
BCF-10-020-180	E0422256	● 3.7 mm	13 mm	20 mm	22-10-22 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-12-020-180	E0422257	● 3.7 mm	13 mm	20 mm	24-12-24 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-12-030-180	E0422119	● 3.7 mm	23 mm	30 mm	24-12-24 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-12-040-180	E0422120	● 3.7 mm	33 mm	40 mm	24-12-24 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-14-020-180	E0422258	● 3.7 mm	12 mm	20 mm	26-14-26 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-14-030-180	E0422121	● 3.7 mm	22 mm	30 mm	26-14-26 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-14-040-180	E0422122	● 3.7 mm	32 mm	40 mm	26-14-26 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-16-020-180	E0422259	● 3.7 mm	12 mm	20 mm	28-16-28 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-16-030-180	E0422123	● 3.7 mm	22 mm	30 mm	28-16-28 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	
BCF-16-040-180	E0422124	● 3.7 mm	32 mm	40 mm	28-16-28 mm	1800 mm	3.5/10.5 mm/Fr.	Yes (1)	0.035"	

## Notes

### HANAROSTENT® Stents

The illustrated HANAROSTENT® portfolio is available in Germany, Austria, Baltics, ECE and MEA countries but is not yet available throughout the whole EMEA region.  
Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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