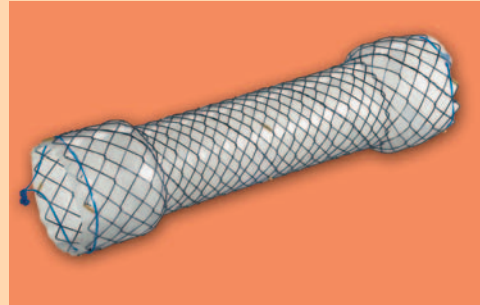


Oesophageal Metal Stents

Covered Oesophageal Stent

HANAROSTENT

- Nitinol triweave mesh memory metal, for greater radial strength
- Inner silicone covering aids food bolus passage
- Self expanding
- Proximal and distal lasso to aid repositioning and removability
- 4 sizes available – greater choice, longer lengths
- 12 gold radiopaque markers for high visibility under fluoroscopic visualisation - proximal/central/distal
- Simple deployment system
- 70cm delivery device, graduated to assist positioning
- Atraumatic covered ends
- Malignant and benign indications - can be safely removed within 6 weeks of placement



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
NES-18-80-70	40mm	80mm	20/26mm	70cm	6mm/18Fr	0.038"
NES-18-110-70	70mm	110mm	20/26mm	70cm	6mm/18Fr	0.038"
NES-18-140-70	100mm	140mm	20/26mm	70cm	6mm/18Fr	0.038"
NES-18-170-70	130mm	170mm	20/26mm	70cm	6mm/18Fr	0.038"

Oesophageal Stent for Bariatric Surgery - ECBB

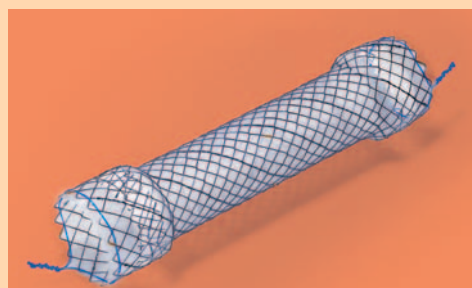
- Upper shoulder with tulip shape to avoid granuloma
- Standard upper oesophageal shape for good tolerance
- Progressive diameter flare of 20 to 30mm for excellent stent anchoring on the cardia junction
- 2 Lassos to aid repositioning and removability - can be safely removed within 3 weeks of placement
- Thicker silicone cover and thicker nitinol wire for better resistance
- Large diameter to fit with the "sleeve" stomach anatomy
- Distal end with unique design, to account for peristalsis and decrease ulceration
- Same features as Hanarostent



Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
ECBB-30-180-090	140mm	180mm	36-30-20-26	90cm	8mm/24Fr	0.038"
ECBB-30-210-090	170mm	210mm	36-30-20-26	90cm	8mm/24Fr	0.038"
ECBB-30-240-090	200mm	240mm	36-30-20-26	90cm	8mm/24Fr	0.038"

Partially Covered Oesophageal Stent

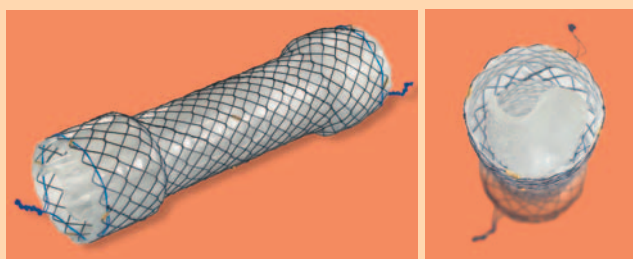
- Both shoulders have a non-covered segment which reduces the risk of migration while all other parts of the stent are silicone covered
- Proximal and distal lasso to aid re-positioning
- New delivery device for greater accuracy and ease of placement
- Same features as Hanarostent



Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
EPW-20-100-070	60mm	100mm	20/26mm	70cm	6mm/18Fr	0.038 "
EPW-20-150-070	110mm	150mm	20/26mm	70cm	6mm/18Fr	0.038 "

Covered Oesophageal Stent with Anti Reflux Valve

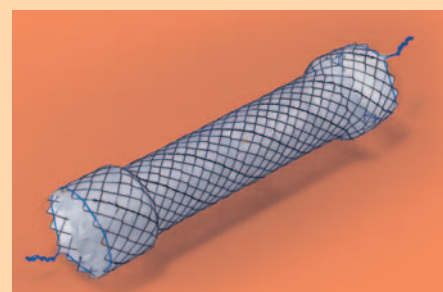
- Same features as HANAROSTENT
sock' design valve to prevent reflux
- Anti-reflux valve – unique, safe
- 22mm Ø central core – enables better food bolus passage
- Proximal and distal lasso to aid repositioning and removability
- Malignant and benign indications - can be safely removed within 4 weeks of placement



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
HEV-22-90-70	46mm	90mm	22/28mm	70cm	8mm/24Fr	0.038"
HEV-22-120-70	76mm	120mm	22/28mm	70cm	8mm/24Fr	0.038"
HEV-22-160-70	106mm	160mm	22/28mm	70cm	8mm/24Fr	0.038"

Partially Covered Oesophageal Stent with Anti Reflux Valve

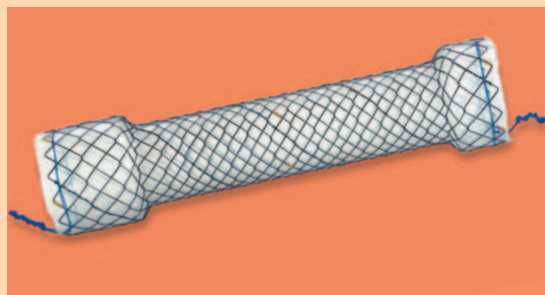
- Upper shoulder has a non covered segment which reduces the risk of migration while all other parts of the stent have full silicone covering
- New delivery device for greater accuracy and ease of placement
- Anti Reflux Valve to prevent acid reflux
- 2 lassos for repositioning
- Same features as Hanarostent



Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
EPV-22-120-070	80mm	120mm	22/28mm	70cm	8mm/24Fr	0.038 "

Asymmetrical Covered Oesophageal Stent

- Proximal shoulder is 1cm in length – allows for accurate and easier placement in upper oesophagus
- Ideal for oesophageal fistulas
- Atraumatic ends
- Proximal and distal lasso to aid repositioning
- Same features as Hanarostent
- Malignant and benign indications - can be safely removed within 6 weeks of placement



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
NESA-18-090-70	60mm	90mm	18/24mm	70cm	6mm/18Fr	0.038"
NESA-18-110-70	80mm	110mm	18/24mm	70cm	6mm/18Fr	0.038"

Non Covered And Covered Duodenal/Pyloric Stent

- 3 x non-covered duodenal stents
- 230cm delivery systems
- Repositionable
- Recoverable delivery system –resheathable stent
- Minimal stent shortening during placement
- Tapered shoulders
- Tri-weave
- 2 x covered (partially – 20mm non covered) allows stent to sit through pylorus
- 16 Radiopaque Markings - proximal/middle/distal/covered sections
- Flexible, user friendly delivery device
- NDS range has proximal lasso for repositioning
- Same features as Hanarostent

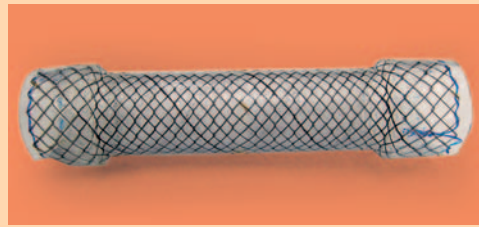
NON COVERED	STENT			INTRODUCER		
Product Code	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
NDS-20-080-230	44mm	80mm	20/15mm	230cm	3.33mm/10.2Fr	0.038"
NDS-20-110-230	74mm	110mm	20/25mm	230cm	3.33mm/10.2Fr	0.038"
NDS-20-140-230	104mm	140mm	20/15mm	230cm	3.33mm/10.2Fr	0.038"

COVERED	STENT			INTRODUCER		
Product Code	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
NDC-20-090-230	54mm	90mm	20/26mm	230cm	3.33mm/10.2Fr	0.038"
NDC-20-110-230	74mm	110mm	20/26mm	230cm	3.33mm/10.2Fr	0.038"

Double Covered Oesophageal Stent for Benign Strictures

Can be safely removed within 8 weeks of stent placement.

- Upper part with "tulip" shape which reduces impaction, shoulder gets smaller at the end and has a silicone skirt
- Fully covered with multi-layer silicone inside and outside
- Same features as Hanarostent

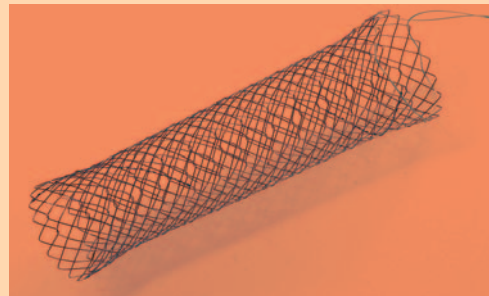


Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
EBN-22-080-Z070	40mm	80mm	22/28mm	70cm	8mm/24Fr	0.038"
EBN-22-120-Z070	80mm	120mm	22/28mm	70cm	8mm/24Fr	0.038"

Colonic Metal Stents

Non Covered Hanaro Colonic Stent

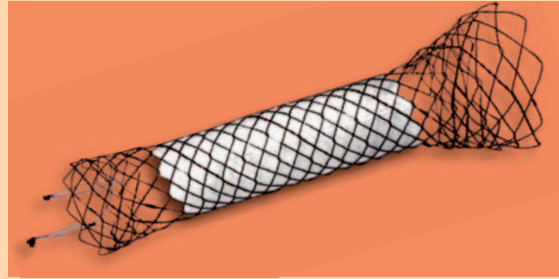
- Non covered tri-weave nitinol system
- 4 sizes – through the scope 230 delivery device
- 4 sizes – over the wire 120 delivery device
- Non invasive ends
- Distal lasso to assist stent repositioning
- Flared shoulders for anti-migration of stent
- Wider non covered stent to reduce migration
- Resheathable stents point of no return marker at 80% deployment
- Highly flexible delivery device even at 230cm length
- Minimal reduction of stent length during placement
- 12 gold markers and radiopaque sleeve for higher visibility



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
NCS-22-080-230	40mm	80mm	24/28mm	230cm	3.33mm/10.2Fr	0.038"
NCS-22-110-230	70mm	110mm	24/28mm	230cm	3.33mm/10.2Fr	0.038"
NCS-22-140-230	100mm	140mm	24/28mm	230cm	3.33mm/10.2Fr	0.038"
NCS-22-170-230	130mm	170mm	24/28mm	230cm	3.33mm/10.2Fr	0.038"
NCS-22-080-120	40mm	80mm	24/28mm	120cm	3.5mm/10.5Fr	0.038"
NCS-22-110-120	70mm	110mm	24/28mm	120cm	3.5mm/10.5Fr	0.038"
NCS-22-140-120	100mm	140mm	24/28mm	120cm	3.5mm/10.5Fr	0.038"
NCS-22-170-120	130mm	170mm	24/28mm	120cm	3.5mm/10.5Fr	0.038"

Hanaro Covered Intestinal Stent

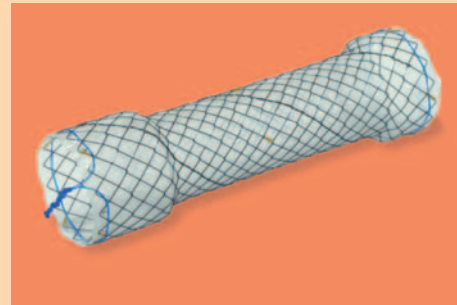
- New approach for Crohn's disease anastomotic strictures
- 26mm proximal uncovered and 40mm distal uncovered for anti-migration
- Short lasso for easy removal



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
HRC-20-060-230	30mm	60mm	40/20/26mm	230cm	3.33mm/10.2Fr	0.038"
HRC-20-060-230	50mm	80mm	40/20/26mm	230cm	3.33mm/10.2Fr	0.038"

Covered Colorectal Stent

- Extra large diameter - 24mm central/32mm shoulders
- Designed for use in anastomosis or strictures
- Can be left upto 8 weeks
- Totally removable within 4 weeks of placement
- Lasso ends
- Alternative to and more patient friendly than dilatation
- For malignant and benign indications



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
CCI-24-050-Z070	20mm	60mm	24/32mm	70cm	8mm/24Fr	0.038"
CCI-24-080-Z070	50mm	90mm	24/32mm	70cm	8mm/24Fr	0.038"
CCI-24-150-Z070	120mm	150mm	24/32mm	70cm	8mm/24Fr	0.038"

Covered Colo-rectal Stent – flared ends

- Fully covered
- Both ends flared to prevent anti-migration
- Proximal lasso for easy repositioning
- Excellent delivery device flexibility

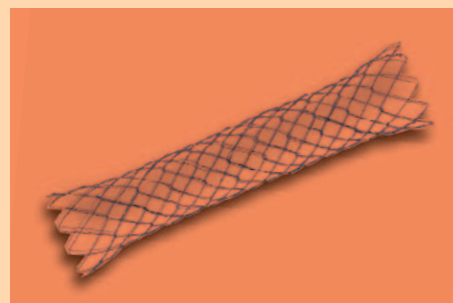


Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
CCBA-20-100-230	64	100	20/26mm	230cm	3.33/10.2Fr	0.038"
CCBA-20-130-230	94	130	20/26mm	230cm	3.33/10.2Fr	0.038"

Biliary Metal Stents

Non-covered Biliary Stent – Endoscopic

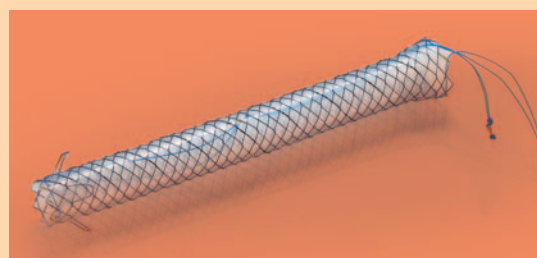
- Non covered
- 5 lengths available (4-12cm)
- 12 gold radiopaque markers
- Choice of 8mm or 10mm diameter
- Resheathable / repositionable
- Metal spiral delivery device to improve access to bile duct and radiopacity
- Also available with 60cm delivery device for Percutaneous placement



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
SHS-08-060-180	46mm	60mm	8/12mm	180cm	2.33mm/7Fr	0.038"
SHS-08-080-180	66mm	80mm	8/12mm	180cm	2.33mm/7Fr	0.038"
SHS-10-040-180	30mm	40mm	10/14mm	180cm	2.33mm/7Fr	0.038"
SHS-10-060-180	50mm	60mm	10/14mm	180cm	2.33mm/7Fr	0.038"
SHS-10-080-180	70mm	80mm	10/14mm	180cm	2.33mm/7Fr	0.038"
SHS-10-100-180	90mm	100mm	10/14mm	180cm	2.33mm/7Fr	0.038"
SHS-10-120-180	106mm	120mm	10/14mm	180cm	2.33mm/7Fr	0.038"

Fully Covered Biliary Stent with flaps

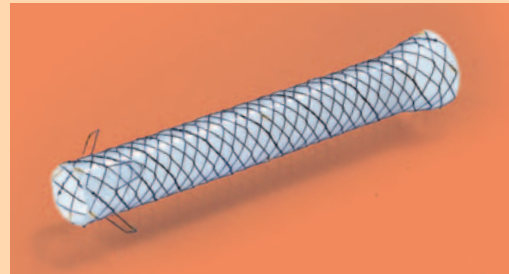
- 15 Radiopaque markers
- Proximal Lasso for repositioning
- Designed for benign biliary indications for longer term palliative treatment
- Unique lasso design for distal invagination removal
- Can be safely removed within 4 months of placement
- Unique 'flaps' designed to reduce stent migration



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
BCT-10-40-180	26mm	40mm	10/14mm	180cm	3.33/10.2Fr	0.038"
BCT-10-60-180	46mm	60mm	10/14mm	180cm	3.33/10.2Fr	0.038"
BCT-10-80-180	66mm	80mm	10/14mm	180cm	3.33/10.2Fr	0.038"
BCT-10-100-180	86mm	100mm	10/14mm	180cm	3.33/10.2Fr	0.038"

Covered Biliary Stent – Endoscopic

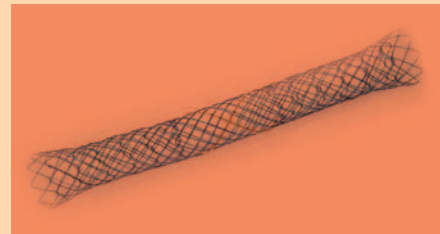
- 4 unique 'flaps' to reduce migration
- 5 lengths available
- 10mm Ø central
- 14mm Ø flared shoulders
- Repositionable
- Metal spiral delivery device to improve access to bile duct and radiopacity
- 12 gold markers
- Also available with 60cm delivery device for percutaneous placement
- Can be safely removed within 4 months of placement



Product Code	STENT			INTRODUCER		
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
BCS-10-040-180	26mm	40mm	10/14mm	180cm	2.8mm/8.5Fr	0.038"
BCS-10-060-180	46mm	60mm	10/14mm	180cm	2.8mm/8.5Fr	0.038"
BCS-10-080-180	66mm	80mm	10/14mm	180cm	2.8mm/8.5Fr	0.038"
BCS-10-100-180	86mm	100mm	10/14mm	180cm	2.8mm/8.5Fr	0.038"
BCS-10-120-180	106mm	120mm	10/14mm	180cm	2.8mm/8.5Fr	0.038"

Non-covered Biliary Stent for Hilar Stenosis

- Increased middle third radiopacity for ease of use - this unique design allows one stent to be placed through another
- New delivery device for greater ease of positioning and flexibility
- Uncovered to reduce migration



Product Code	STENT			INTRODUCER		GUIDEWIRE
	Usable Length	Total Length	Diameter Central / Extremities	Total Length	Diameter	Inner Diameter
BNY-10-080-E180	66mm	80mm	10/14mm	180cm	2.6mm/8Fr	0.038"

Stenting Guidewires

- Compatible with all Diagmed Healthcare Metal Stents
- Colonic or Oesophageal options

Product Code	Description	Length	Diameter
43002341	Savary Guidewire	230cm	0.035"
46004758	Stiff Guidewire	450cm	0.035"

