



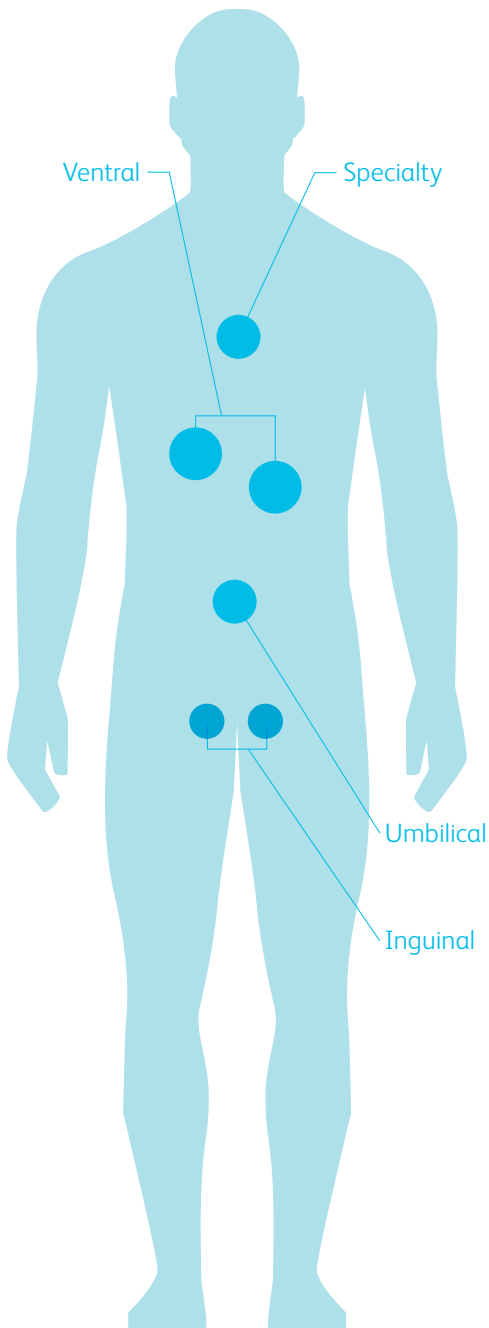
BD surgical product catalogue

Ventral, umbilical, inguinal, biologic implants and mesh fixation

Now more than ever, your hospital must run as efficiently as possible and still provide the best patient care. Since hernia repair is one of the most common surgical procedures in the country, hernia repair product standardisation, ongoing training, and patient education will help you achieve these goals. That's where we come in. BD gives you a comprehensive range of hernia repair products and services that let you operate at peak efficiency while ensuring optimal patient care.



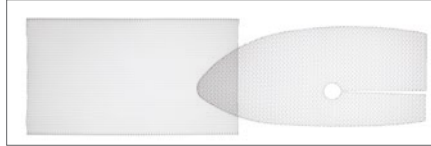
Inguinal



3DMax™ Mesh
Unique three-dimensional polypropylene mesh for laparoscopic inguinal hernia repair.



3DMax™ Light Mesh
Lighter-weight version of the popular 3DMax™ Mesh, featuring a large pore knit design.



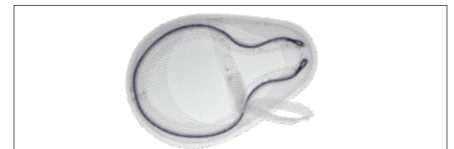
Bard® Mesh Flats and Pre-shapes
Monofilament polypropylene mesh for use in ventral or inguinal hernia repair.



Bard® Soft Mesh
Large pore monofilament polypropylene mesh that has a soft, compliant knit structure.



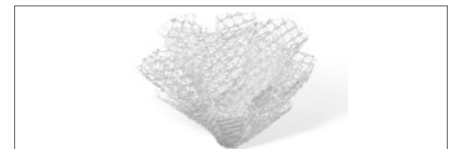
Onflex™ Mesh
Self-expanding lightweight mesh for open preperitoneal inguinal hernia repair with SorbaFlex™ Memory Technology.



Modified Onflex™ Mesh
An open preperitoneal inguinal hernia repair solution with positioning straps and SorbaFlex™ Memory Technology.



PerFix™ Plug
Plug and patch designed for use in a tension-free open inguinal hernia repair technique.

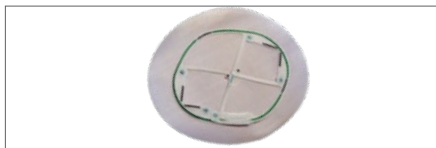


PerFix™ Light Plug
Lighter-weight version of the proven PerFix™ Plug, for use when a reduced amount of material is indicated.



Adhesix™ Self-Adhering Reinforcement Implant
Unique lightweight polypropylene mesh with gel coating in polyvinyl-pyrrolidone (PVP) and polyethylene-glycol (PEG) that provides an atraumatic repair in laparoscopic and open inguinal procedures.

Ventral



Ventralight™ ST Mesh with Echo 2™ Positioning System

The Echo 2™ Positioning System is a deployment and positioning device that comes attached to Ventralight™ ST Mesh. It facilitates mesh positioning and centring over the hernia defect, for a consistent, reproducible technique.



Ventralight™ ST Mesh with Echo PS™ Positioning System

Ventralight™ ST Mesh with a pre-attached low-profile balloon to help facilitate deployment, placement and positioning in laparoscopic ventral hernia repair.



Ventralight™ ST Mesh

Uncoated medium weight monofilament polypropylene mesh on the anterior side with an absorbable hydrogel barrier based on Sepra® Technology on the posterior for laparoscopic ventral hernia repair.



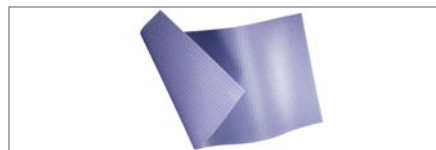
Ventrio™ ST Hernia Patch

Uncoated monofilament polypropylene mesh with SorbaFlex™ Memory Technology and an absorbable barrier based on Sepra® Technology.



Ventrio™ Hernia Patch

Self-expanding polypropylene and ePTFE patch for soft tissue reconstruction with SorbaFlex™ Memory Technology.



Sepramesh™ IP Composite

Combines the strength of polypropylene mesh with an absorbable hydrogel barrier based on Sepra® Technology for ventral hernia repair.



Composix™ L/P Mesh

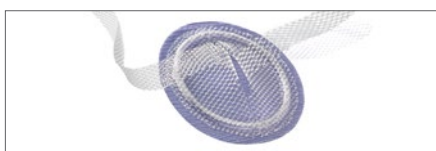
Low-profile, large pore polypropylene/ePTFE prosthesis for laparoscopic ventral hernia repair.



Adhesix™ Self-Adhering Reinforcement Implant

Unique lightweight polypropylene mesh with gel coating in polyvinyl-pyrrolidone (PVP) and polyethylene-glycol (PEG) that provides an atraumatic repair in laparoscopic and open ventral procedures.

Umbilical



Ventralex™ ST Hernia Patch

A clinically proven umbilical hernia repair solution designed for ventral, incisional, umbilical and epigastric hernia repair as well as trocar site closure, with an absorbable barrier featuring Sepra® technology.



Ventralex™ Hernia Patch

A clinically proven umbilical hernia repair solution designed for ventral, incisional, umbilical and epigastric hernia repair as well as trocar site closure.

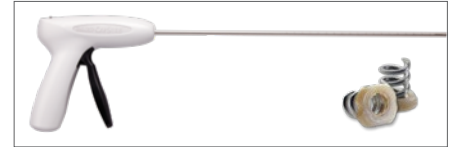
Fixation



OptiFix™ Absorbable Fixation System
Absorbable PDLLA fasteners available in both a 15 and 30 count configuration delivered via a disposable 5mm stored energy delivery system.



SorbaFix™ Absorbable Fixation System
Absorbable PDLLA fasteners available in both a 15 and 30 count configuration delivered via a disposable 5 mm delivery system.

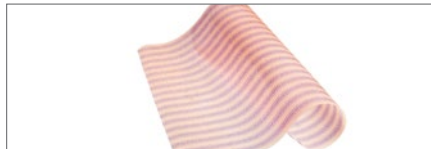


CapSure™ Permanent Fixation System
Permanent 316L stainless steel helical coil fasteners with a smooth cap available in both a 15 and 30 count configuration via a disposable 5mm delivery system.

Complex abdominal wall



Phasix™ Mesh
Clinically proven bioresorbable mesh for abdominal wall repair.



Phasix™ ST Mesh
Bioresorbable mesh with resorbable hydrogel barrier for abdominal wall and hiatal hernia repair.



XenMatrix™ Surgical Graft
Regenerative collagen matrix, non-cross-linked, open collagen structure for hernia and abdominal wall repair.

¹Preclinical data on file at BD. Results may not correlate to clinical performance in humans.

Ordering information—inguinal

3DMax™ Mesh

Unique three-dimensional polypropylene mesh for laparoscopic inguinal hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0115310	3DMax™ Mesh	1/cs.	Medium, Left 3DMax™ Mesh, 8.5 cm x 13.7 cm
0115311	3DMax™ Mesh	1/cs.	Large, Left 3DMax™ Mesh, 10.8 cm x 16.0 cm
0115312	3DMax™ Mesh	1/cs.	Extra-Large, Left 3DMax™ Mesh, 12.4 cm x 17.3 cm
0115320	3DMax™ Mesh	1/cs.	Medium, Right 3DMax™ Mesh, 8.5 cm x 13.7 cm
0115321	3DMax™ Mesh	1/cs.	Large, Right 3DMax™ Mesh, 10.8 cm x 16.0 cm
0115322	3DMax™ Mesh	1/cs.	Extra-Large, Right 3DMax™ Mesh, 12.4 cm x 17.3 cm

Bard® Mesh

Monofilament polypropylene mesh for use in ventral or inguinal hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0112640	Bard® Mesh	3/cs.	2.5 cm x 10 cm
0112650	Bard® Mesh	3/cs.	5 cm x 10 cm
0112660	Bard® Mesh	1/cs.	25 cm x 35.5 cm
0112670	Bard® Mesh	2/cs.	5 cm x 30.5 cm
0112680	Bard® Mesh	3/cs.	7.5 cm x 15 cm
0112720	Bard® Mesh	3/cs.	15 cm x 15 cm

Bard® Mesh Pre-shaped

Product item ID	Product item name	Packaging (SKU)	Dimensions
0112700	Bard® Mesh Pre-shaped	3/cs.	Pre-shaped, 4.5 cm x 10 cm
0112710	Bard® Mesh Pre-shaped	3/cs.	Pre-shaped with Keyhole, 4.5 cm x 10 cm
0113700	Bard® Mesh Pre-shaped	3/cs.	Large Pre-shaped, 6 cm x 13.7 cm
0113710	Bard® Mesh Pre-shaped	3/cs.	Large Pre-shaped with Keyhole, 6 cm x 13.7 cm

PerFix™ Plug

Plug and patch designed for use in a tension-free open inguinal hernia repair technique.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0112750	PerFix™ Plug	2/cs.	Small PerFix™ Plug, 2.5 cm x 3.4 cm
0112760	PerFix™ Plug	2/cs.	Medium PerFix™ Plug, 3.3 cm x 3.9 cm
0112770	PerFix™ Plug	2/cs.	Large PerFix™ Plug, 4.1 cm x 4.8 cm
0112780	PerFix™ Plug	2/cs.	Extra Large PerFix™ Plug, 4.1 cm x 5.0 cm
0112950	PerFix™ Plug	6/cs.	Small PerFix™ Plug, 2.5 cm x 3.4 cm
0112960	PerFix™ Plug	6/cs.	Medium PerFix™ Plug, 3.3 cm x 3.9 cm
0112970	PerFix™ Plug	6/cs.	Large PerFix™ Plug, 4.1 cm x 4.8 cm
0112980	PerFix™ Plug	6/cs.	Extra Large PerFix™ Plug, 4.1 cm x 5.0 cm

3DMax™ Light Mesh

Lighter-weight version of the popular 3DMax™ Mesh, featuring a large pore knit design.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0117310	3DMax™ Light Mesh	1/cs.	Left, Medium 3DMax™ Light Mesh, 7.9 cm x 13.4 cm
0117311	3DMax™ Light Mesh	1/cs.	Left, Large 3DMax™ Light Mesh, 10.3 cm x 15.7 cm
0117312	3DMax™ Light Mesh	1/cs.	Left, Extra-Large 3DMax™ Light Mesh, 12.2 cm x 17.0 cm
0117320	3DMax™ Light Mesh	1/cs.	Right, Medium 3DMax™ Light Mesh, 7.9 cm x 13.4 cm
0117321	3DMax™ Light Mesh	1/cs.	Right, Large 3DMax™ Light Mesh, 10.3 cm x 15.7 cm
0117322	3DMax™ Light Mesh	1/cs.	Right, Extra-Large 3DMax™ Light Mesh, 12.2 cm x 17.0 cm

Bard® Soft Mesh

Large pore monofilament polypropylene mesh that has a soft, compliant knit structure.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0117008	Bard® Soft Mesh	3/cs.	5 cm x 10 cm
0117009	Bard® Soft Mesh	3/cs.	7.5 cm x 15 cm
0117010	Bard® Soft Mesh	3/cs.	10 cm x 15 cm
0117011	Bard® Soft Mesh	3/cs.	15 cm x 15 cm
0117016	Bard® Soft Mesh	1/cs.	30.5 cm x 30.5 cm

Bard® Soft Mesh Pre-shaped

Product item ID	Product item name	Packaging (SKU)	Dimensions
0117012	Bard® Soft Mesh Pre-shaped	3/cs.	Pre-shaped, 4.5 cm x 10 cm
0117013	Bard® Soft Mesh Pre-shaped	3/cs.	Pre-shaped with Keyhole, 4.5 cm x 10 cm
0117014	Bard® Soft Mesh Pre-shaped	3/cs.	Large Pre-shaped, 6 cm x 13.7 cm
0117015	Bard® Soft Mesh Pre-shaped	3/cs.	Large Pre-shaped with Keyhole, 6 cm x 13.7 cm

PerFix™ Light Plug

Lighter-weight version of the proven PerFix™ Plug, for use when a reduced amount of material is indicated.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0117050	PerFix™ Light Plug	1/cs.	Small PerFix™ Light Plug, 2.5 cm x 3.4 cm
0117060	PerFix™ Light Plug	1/cs.	Medium PerFix™ Light Plug, 3.3 cm x 3.9 cm
0117070	PerFix™ Light Plug	1/cs.	Large PerFix™ Light Plug, 4.1 cm x 4.8 cm
0117080	PerFix™ Light Plug	1/cs.	Extra Large PerFix™ Light Plug, 3.8 cm x 5.0 cm
0117150	PerFix™ Light Plug	6/cs.	Small PerFix™ Light Plug, 2.5 cm x 3.4 cm
0117160	PerFix™ Light Plug	6/cs.	Medium PerFix™ Light Plug, 3.3 cm x 3.9 cm
0117170	PerFix™ Light Plug	6/cs.	Large PerFix™ Light Plug, 4.1 cm x 4.8 cm
0117180	PerFix™ Light Plug	6/cs.	Extra Large PerFix™ Light Plug, 3.8 cm x 5.0 cm

Ordering information—inguinal

OnFlex™ Mesh

Self-expanding lightweight mesh for open preperitoneal inguinal hernia repair with SorbaFlex™ memory technology.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0115410	OnFlex™ Mesh	1/cs.	Medium with pocket 8.6 cm x 14.2 cm
0115411	OnFlex™ Mesh	1/cs.	Large with pocket 10.2 cm x 15.7 cm

Adhesix™ Implant Laparoscopic Inguinal

Unique lightweight polypropylene mesh with gel coating in polyvinyl-pyrrolidone (PVP) and polyethylene-glycol (PEG) that provides an atraumatic repair in laparoscopic and open inguinal procedures.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0114310	Adhesix™ Implant	1/cs.	10 cm x 15 cm
0114320	Adhesix™ Implant	1/cs.	12 cm x 15 cm

Bard® Mesh Darts

Product item ID	Product item name	Packaging (SKU)	Dimensions
0112730	Bard® Mesh Darts	2/cs.	2.5 cm x 3.4 cm, small dart
0112740	Bard® Mesh Darts	2/cs.	3.3 cm x 3.9 cm, large dart

Modified OnFlex™ Mesh

An open preperitoneal inguinal hernia repair solution with positioning straps and SorbaFlex™ memory technology.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0115610	Modified OnFlex™ Mesh	1/cs.	Medium with pocket, strap & onlay 8.6 cm x 14.2 cm
0115611	Modified OnFlex™ Mesh	1/cs.	Large with pocket, strap & onlay 10.2 cm x 15.7 cm

Adhesix™ Implant Lichtenstein

Unique lightweight polypropylene mesh with gel coating in polyvinyl-pyrrolidone (PVP) and polyethylene-glycol (PEG) that provides an atraumatic repair in laparoscopic and open inguinal procedures.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0119310	Adhesix™ Implant	1/cs.	4 cm x 10 cm
0119330	Adhesix™ Implant	1/cs.	6 cm x 13.5 cm
0119350-R	Adhesix™ Implant	1/cs.	7.5 cm x 15.5 cm
0119320-L	Adhesix™ Implant	1/cs.	7.5 cm x 15.5 cm
0119340	Adhesix™ Implant	1/cs.	8.5 cm x 12.5 cm

Ordering information — ventral

Ventralight™ ST Mesh with Echo PS™ Positioning System

Ventralight™ ST Mesh with a pre-attached low-profile balloon to help facilitate deployment, placement and positioning in laparoscopic ventral hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5955450	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	11.4 cm, circle
5955460	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	10.2 cm x 15.2 cm, ellipse
5955600	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	15.2 cm, circle
5955680	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	15.2 cm x 20.3 cm, ellipse
5955610	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	15.2 cm x 25.4 cm, oval
5955790	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	17.8 cm x 22.9 cm, ellipse
5955800	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	20.3 cm, circle
5955810	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	20.3 cm x 25.4 cm, ellipse
5955113	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	25.4 cm x 33 cm, ellipse
5955124	Ventralight™ ST Mesh with Echo PS™ Positioning System	1/cs.	30.5 cm x 35.6 cm, rectangle
5955000	Ventralight™ ST Mesh with Echo PS™ Positioning System Inflation Assembly	1/cs.	Echo™ PS Positioning System Inflation Assembly

Ventralight™ ST Mesh with Echo 2™ Positioning System

The Echo 2™ Positioning System is a deployment and positioning device that comes attached to Ventralight™ ST Mesh. It facilitates mesh positioning and centring over the hernia defect, for a consistent, reproducible technique.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5990011	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	11 cm, circle
5990015	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	15 cm, circle
5990020	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	20 cm, circle
5991015	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	10 cm x 15 cm, ellipse
5991520	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	15 cm x 20 cm, ellipse
5991525	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	15 cm x 25 cm, oval
5991823	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	18 cm x 23 cm, ellipse
5992025	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	20 cm x 25 cm, ellipse
5992533	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	25 cm x 33 cm, ellipse
5993035	Ventralight™ ST Mesh with Echo 2™ Positioning System	1/cs.	30 cm x 35 cm, ellipse

Sepramesh™ IP Composite

Combines the strength of polypropylene mesh with a bioresorbable hydrogel coating for ventral hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5959360	Sepramesh™ IP Composite	1/cs.	7.6 cm x 15.2 cm, rectangle
5959480	Sepramesh™ IP Composite	1/cs.	10.2 cm x 20.3 cm, rectangle
5959680	Sepramesh™ IP Composite	1/cs.	15.2 cm x 20.3 cm, rectangle
5959812	Sepramesh™ IP Composite	1/cs.	20.3 cm x 30.5 cm, rectangle
5959124	Sepramesh™ IP Composite	1/cs.	30.5 cm x 35.6 cm, rectangle

Ordering information—ventral

Ventrio™ ST Hernia Patch

Uncoated monofilament polypropylene mesh with SorbaFlex™ memory technology and an absorbable barrier based on Sepra® technology.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5950030	Ventrio™ ST Hernia Patch	1/cs	8.0 cm x 12.0 cm, small oval
5950040	Ventrio™ ST Hernia Patch	1/cs	11.0 cm x 14.0 cm, medium oval
5950050	Ventrio™ ST Hernia Patch	1/cs	13.8 cm x 17.8 cm, large oval
5950010	Ventrio™ ST Hernia Patch	1/cs	7.6 cm diameter, small circle
5950020	Ventrio™ ST Hernia Patch	1/cs	11.4 cm diameter, large circle
5950070	Ventrio™ ST Hernia Patch	1/cs	19.6 cm x 24.6 cm Extra large oval
5950080	Ventrio™ ST Hernia Patch	1/cs	22.1 cm x 27.1 cm, extra large oval
5950090	Ventrio™ ST Hernia Patch	1/cs	27.4 cm x 34.9 cm, extra large oval
5950060	Ventrio™ ST Hernia Patch	1/cs	15.5 cm x 25.7 cm, midline

Ventralight™ ST Mesh

Uncoated medium weight monofilament polypropylene mesh on the anterior side with an absorbable hydrogel barrier based on Sepra® technology on the posterior side for laparoscopic ventral hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5954450	Ventralight™ ST Mesh	1/cs	11.4 cm, circle
5954460	Ventralight™ ST Mesh	1/cs	10.2 cm x 15.2 cm, ellipse
5954600	Ventralight™ ST Mesh	1/cs	15.2 cm, circle
5954680	Ventralight™ ST Mesh	1/cs	15.2 cm x 20.3 cm, ellipse
5954610	Ventralight™ ST Mesh	1/cs	15.2 cm x 25.4 cm, oval
5954790	Ventralight™ ST Mesh	1/cs	17.8 cm x 22.9 cm, ellipse
5954800	Ventralight™ ST Mesh	1/cs	20.3 cm, circle
5954810	Ventralight™ ST Mesh	1/cs	20.3cm x 25.4 cm, ellipse
5954113	Ventralight™ ST Mesh	1/cs	25.4 cm x 33 cm, ellipse
5954124	Ventralight™ ST Mesh	1/cs	30.5 cm x 35.6 cm, rectangle

Adhesix™ Implant Open Ventral

Unique lightweight polypropylene mesh with gel coating in polyvinyl-pyrrolidone (PVP) and polyethylene-glycol (PEG) that provides an atraumatic repair in laparoscopic and open ventral procedures.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0113310	Adhesix™ Implant	1/cs.	15 x 20 cm
0113420	Adhesix™ Implant	1/cs.	20 x 25 cm
0113530	Adhesix™ Implant	1/cs.	30 x 30 cm

Ventrio™ Hernia Patch

Self-expanding polypropylene and ePTFE patch for soft tissue reconstruction with SorbaFlex™ memory technology.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0010211	Ventrio™ Hernia Patch	1/cs	8 cm x 12 cm, small oval with ePTFE
0010215	Ventrio™ Hernia Patch	1/cs	11 cm x 14 cm, medium oval with ePTFE
0010212	Ventrio™ Hernia Patch	1/cs	13.8 cm x 17.8 cm, large oval with ePTFE
0010213	Ventrio™ Hernia Patch	1/cs	7.6 cm diameter, small circle with ePTFE
0010214	Ventrio™ Hernia Patch	1/cs	11.4 cm diameter, large circle with ePTFE
0010216	Ventrio™ Hernia Patch	1/cs	22.1 cm x 27.1 cm, extra large oval with ePTFE
0010217	Ventrio™ Hernia Patch	1/cs	27.4 cm x 34.9 cm Extra large oval with ePTFE
0010218	Ventrio™ Hernia Patch	1/cs	19.6 cm x 24.6 cm, extra large oval with ePTFE
0010219	Ventrio™ Hernia Patch	1/cs	15.5 cm x 25.7 cm, oval with ePTFE

Composix™ L/P Mesh

Low-profile, large pore polypropylene/ePTFE prosthesis for laparoscopic ventral hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0134450	Composix™ L/P Mesh	1/cs	11.4 cm, circle
0134460	Composix™ L/P Mesh	1/cs	10.8 cm x 15.9 cm, elliptical
0134680	Composix™ L/P Mesh	1/cs	15.9 cm x 21.0 cm, elliptical
0134610	Composix™ L/P Mesh	1/cs	15.9 cm x 26.1 cm, oval with introducer tool
0134790	Composix™ L/P Mesh	1/cs	18.4 cm x 23.5 cm, elliptical with introducer tool
0134810	Composix™ L/P Mesh	1/cs	21.0 cm x 26.1 cm, elliptical with introducer tool
0134113	Composix™ L/P Mesh	1/cs	26.1 cm x 26.2 cm, elliptical with introducer tool
0134114	Composix™ L/P Mesh	1/cs	26.1 cm x 26.2 cm, rectangular with introducer tool

Ordering information—umbilical

Ventrex™ ST Hernia Patch

A clinically proven umbilical hernia repair solution designed for ventral, incisional, umbilical and epigastric hernia repair as well as trocar site closure, with an absorbable barrier featuring Sepra® technology.

Product item ID	Product item name	Packaging (SKU)	Dimensions
5950007	Ventrex™ ST Hernia Patch	1/cs	4.3 cm diameter, small circle with strap
5950008	Ventrex™ ST Hernia Patch	1/cs	6.4 cm diameter, medium circle with strap
5950009	Ventrex™ ST Hernia Patch	1/cs	8.0 cm diameter, large circle with strap

Ventrex™ Hernia Patch

A clinically proven umbilical hernia repair solution designed for ventral, incisional, umbilical and epigastric hernia repair as well as trocar site closure.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0010301	Ventrex™ Hernia Patch	2/cs	4.3 cm diameter, small circle with strap
0010302	Ventrex™ Hernia Patch	2/cs	6.4 cm diameter, medium circle with strap
0010303	Ventrex™ Hernia Patch	2/cs	8.0 cm diameter, large circle with strap

Ordering information—fixation

SorbaFix™ Absorbable Fixation System

Absorbable PDLA fasteners delivered via a disposable 5 mm applicator.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0113115	SorbaFix™ Absorbable Fixation System	5/cs	SorbaFix™ Absorbable Fixation System, 15 fasteners
0113116	SorbaFix™ Absorbable Fixation System	5/cs	SorbaFix™ Absorbable Fixation System, 30 fasteners

CapSure™ Permanent Fixation System

Permanent 316L stainless steel helical coil fasteners with a smooth cap delivered via a disposable 5 mm delivery system.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0113215	CapSure™ Permanent Fixation System	5/cs	CapSure™ Permanent Fixation System, 15 fasteners
0113230	CapSure™ Permanent Fixation System	5/cs	CapSure™ Permanent Fixation System, 30 fasteners

OptiFix™ Absorbable Fixation System

Absorbable PDLA fasteners delivered via a disposable 5 mm delivery system.

Product item ID	Product item name	Packaging (SKU)	Dimensions
0113126	OptiFix™ Absorbable Fixation System	5/cs	OptiFix™ Absorbable Fixation System, 30 absorbable fasteners
0113127	OptiFix™ Absorbable Fixation System	5/cs	OptiFix™ Absorbable Fixation System, 15 absorbable fasteners

Ordering information—complex abdominal wall

Phasix™ Mesh

Clinically proven bioresorbable mesh for abdominal wall repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
1190100	Phasix™ Mesh	1/cs.	7.6 cm round
1190200	Phasix™ Mesh	1/cs.	10.2 cm x 15.2 cm, rectangle
1190011	Phasix™ Mesh	1/cs.	11 cm, round
1190808	Phasix™ Mesh	1/cs.	8 cm x 8 cm, square
1190616	Phasix™ Mesh	1/cs.	6 cm x 16 cm, rectangle
1190816	Phasix™ Mesh	1/cs.	8 cm x 16 cm, rectangle
1190820	Phasix™ Mesh	1/cs.	8 cm x 20 cm, rectangle
1191010	Phasix™ Mesh	1/cs.	10 cm x 10 cm, square
1191020	Phasix™ Mesh	1/cs.	10 cm x 20 cm, rectangle
1191025	Phasix™ Mesh	1/cs.	10 cm x 25 cm, rectangle
1190300	Phasix™ Mesh	1/cs.	15.2 cm x 20.3 cm, rectangle
1191525	Phasix™ Mesh	1/cs.	15 cm x 25 cm, rectangle
1192020	Phasix™ Mesh	1/cs.	20 cm x 20 cm, square
1191530	Phasix™ Mesh	1/cs.	15 cm x 30 cm, rectangle
1190400	Phasix™ Mesh	1/cs.	20.3 cm x 25.4 cm, rectangle
1192030	Phasix™ Mesh	1/cs.	20 cm x 30 cm, rectangle
1192040	Phasix™ Mesh	1/cs.	20 cm x 40 cm, rectangle
1190500	Phasix™ Mesh	1/cs.	25.4 cm x 30.5 cm, rectangle
1193030	Phasix™ Mesh	1/cs.	30 cm x 30 cm, square
1192540	Phasix™ Mesh	1/cs.	25 cm x 40 cm, rectangle
1193045	Phasix™ Mesh	1/cs.	30 cm x 45 cm, rectangle
1193535	Phasix™ Mesh	1/cs.	35 cm x 35 cm, square
1194040	Phasix™ Mesh	1/cs.	40 cm x 40 cm, square
1194545	Phasix™ Mesh	1/cs.	45 cm x 45 cm, square
1195050	Phasix™ Mesh	1/cs.	50 cm x 50 cm, square

Phasix™ ST Mesh

Bioresorbable mesh with resorbable hydrogel barrier for abdominal wall and hiatal hernia repair.

Product item ID	Product item name	Packaging (SKU)	Dimensions
1200008	Phasix™ ST Mesh	1/cs.	8 cm, round
1200011	Phasix™ ST Mesh	1/cs.	11 cm, round
1200015	Phasix™ ST Mesh	1/cs.	15 cm, round
1200710	Phasix™ ST Mesh	1/cs.	7 cm x 10 cm, rectangle
1201010	Phasix™ ST Mesh	1/cs.	10 cm x 10 cm, square
1201015	Phasix™ ST Mesh	1/cs.	10 cm x 15 cm, rectangle
1201020	Phasix™ ST Mesh	1/cs.	10 cm x 20 cm, rectangle
1201325	Phasix™ ST Mesh	1/cs.	13 cm x 25 cm, rectangle
1201520	Phasix™ ST Mesh	1/cs.	15 cm x 20 cm, rectangle
1202025	Phasix™ ST Mesh	1/cs.	20 cm x 25 cm, rectangle
1202530	Phasix™ ST Mesh	1/cs.	25 cm x 30 cm, rectangle
1203035	Phasix™ ST Mesh	1/cs.	30 cm x 35 cm, rectangle

XenMatrix™ Surgical Graft

Regenerative collagen matrix.

Product item ID	Product item name	Packaging (SKU)	Dimensions
1161015	XenMatrix™ Surgical Graft	1/cs	10 cm x 15 cm, rectangle
1161020	XenMatrix™ Surgical Graft	1/cs	10 cm x 20 cm, rectangle
1161028	XenMatrix™ Surgical Graft	1/cs	10 cm x 28 cm, rectangle
1161520	XenMatrix™ Surgical Graft	1/cs	15 cm x 20 cm, rectangle
1161525	XenMatrix™ Surgical Graft	1/cs	15 cm x 25 cm, rectangle
1161928	XenMatrix™ Surgical Graft	1/cs	19 cm x 28 cm, rectangle
1161935	XenMatrix™ Surgical Graft	1/cs	19 cm x 35 cm, rectangle
1162020	XenMatrix™ Surgical Graft	1/cs	20 cm x 20 cm, rectangle
1162025	XenMatrix™ Surgical Graft	1/cs	20 cm x 25 cm, rectangle
1160606	XenMatrix™ Surgical Graft	1/cs	6 cm x 6 cm, rectangle
1160610	XenMatrix™ Surgical Graft	1/cs	6 cm x 10 cm, rectangle
1160808	XenMatrix™ Surgical Graft	1/cs	38 cm x 8 cm, square
1160616	XenMatrix™ Surgical Graft	1/cs	6 cm x 16 cm, rectangle
1161010	XenMatrix™ Surgical Graft	1/cs	10 cm x 10 cm, square
1162040	XenMatrix™ Surgical Graft	1/cs	20 cm x 40 cm, rectangle
1163030	XenMatrix™ Surgical Graft	1/cs	30 cm x 30 cm, square
1162540	XenMatrix™ Surgical Graft	1/cs	25 cm x 40 cm, rectangle
1163045	XenMatrix™ Surgical Graft	1/cs	30 cm x 45 cm, rectangle

IFU information

Synthetic mesh

Indications

Mesh intended for use in the reconstruction of soft tissue deficiencies such as hernia.

Contraindications

Literature reports that there may be a possibility for adhesion formation when the polypropylene or macroporous side is placed in direct contact with the bowel or viscera. Use of this device is contraindicated for infants, children, or pregnant women, whereby future growth will be compromised by use of such mesh material. Do not use for the reconstruction of cardiovascular defects (Composix™ L/P, Ventralex™, Ventralex™ ST, Ventrio™, Ventrio™ ST, Ventralight™ ST, Sепramesh™ IP) or between joint surfaces and passive membranes such as the dura pericardium or peritoneum.

Adverse Reactions

Possible complications may include, but are not limited to, seroma, adhesions, haematoma, pain, infection, inflammation, extrusion, erosion, migration, fistula formation and recurrence of the hernia or soft tissue defect.

XenMatrix™ Surgical Graft

Indications

Intended for implantation to reinforce soft tissue where weakness exists and for surgical repair of damaged or ruptured soft tissue, including: abdominal plastic and reconstructive surgery; muscle flap reinforcement; hernia repair including abdominal, inguinal, femoral, diaphragmatic, scrotal, umbilical and incisional hernias.

Contraindications

XenMatrix™ should not be used on patients with known sensitivity to porcine products. Use of this product in applications other than those indicated has the potential for serious complications. Not for reconstruction of cardiovascular defects. Not for reconstruction of central nervous system or peripheral nervous system defects. Use of this product in applications other than those indicated has the potential for serious complications.

Adverse Reactions

Potential complications with the use of any prosthesis may include, but are not limited to, allergy, seroma, infection, inflammation, adhesion, fistula formation, haematoma and recurrence of tissue defect.

Adhesix™ Self-Adhering Reinforcement Implant

Indications

Parietal repair and reinforcement of inguinal, umbilical, Linea alba, and ventral hernias.

Uses

These meshes can be used in laparoscopic surgery or traditional surgery. The Adhesix™ P8 device is designed for extraperitoneal implantation. Adhesix™ mesh is biocompatible with a resorbable adhesive hydrogel. The mesh promotes a reactionary fibrosis which takes over from the reinforcing system six months after implantation. The meshes are coated with an adhesive hydrogel. Some of the advantages of these meshes are that they can easily be cut to fit various dimensions, are very flexible, and facilitate quick and optimum tissue integration and colonisation.

Contraindications

Do not implant in the following cases: allergy to one of the components; septic environment; anticoagulant treatment; pregnant woman; growing child (< 18 years).

Precautions

This device should be implanted only by a qualified surgeon (with knowledge of anatomy and abdominal surgery) who is extremely familiar with the device, its intended use, and the surgical technique. Adhesix™ meshes are delivered sterile; verify the integrity of the packaging (do not use if the labels and/or blister packs/peel pouches are damaged). Do not use if the device is damaged or expired.

Adverse Side Effects

As with all implantable medical devices, this implant may produce adverse side effects such as: Recurrence; Infection; Discomfort.

Specific Recommendations for the Lichtenstein

Surgical Technique

The adhesive side of the implant (smooth side) must be placed on the fascia. The implant should first be slid onto the pubis, then the arms wrap around the spermatic cord.

Specific Recommendations for Preperitoneal Implantation for Ventral Hernias

Adhesix™ is for preperitoneal placement. It is recommended that the adhesive hydrogel side be implanted deeply. The size of the implant must be fitted to the size of the defect. It is recommended to place an abdominal binder around the patient's abdomen for several days following surgery in order to reinforce the abdominal wall.

Fixation

Indications

The OptiFix™ and SorbaFix™ Absorbable Fixation CapSure™ Permanent Fixation systems are indicated for the approximation of soft tissue and fixation of surgical mesh to tissues during open or laparoscopic surgical procedures. The OptiFix™ Open Absorbable Fixation System is indicated for the fixation of surgical mesh to tissues during open surgical procedures, such as hernia repair.

Contraindications

Contraindications associated with laparoscopic and open surgical procedures relative to mesh fixation apply including but not limited to: fixation of vascular or neural structures, fixation of bone and cartilage; and for the OptiFix™, OptiFix™ Open Absorbable Fixation Systems and the SorbaFix™ Absorbable Fixation System only; situations with insufficient in-growth of tissue into the mesh over time, which could result in inadequate fixation once the fastener is resorbed. Carefully inspect the area in the vicinity of the tissue being fastened to avoid inadvertent penetration of underlying structures such as nerves, vessels, viscera or bone. Use of the OptiFix™ Absorbable Fixation System, the OptiFix™ Open Absorbable Fixation System, the SorbaFix™ Absorbable Fixation System or the CapSure™ Permanent Fixation System in the close vicinity of such underlying structures is contraindicated. For reference, the length of the OptiFix™ and OptiFix™ Open fastener is 6.1mm, the fastener head is another 0.6mm (total 6.7mm); the length of the SorbaFix™ fastener is 6.0mm, the fastener head is another 0.7mm (total 6.7 mm); the length of the CapSure™ fastener is 3.2 mm, the fastener head is another 1 mm (total 4.2 mm).

Adverse Reactions

Adverse reactions and potential complications associated with fixation devices such as the OptiFix™, OptiFix™ Open and SorbaFix™ Absorbable Fixation System and the CapSure™ Permanent Fixation System may include, but are not limited to the following: haemorrhage; pain, oedema and erythema at wound site; allergic reaction to Poly (D,L)-lactide (OptiFix™, OptiFix™ Open and SorbaFix™ Absorbable Fixation System) or known sensitivities to PEEK and metals contained in 316L stainless steel, including chromium, nickel, copper, and iron (CapSure™ Permanent Fixation System); septicemia/infection; hernia recurrence/wound dehiscence.

Echo 2™ Positioning System

Indications

The Echo 2™ Positioning System is intended to facilitate the delivery and positioning of the soft tissue prosthesis during laparoscopic hernia repair.

Echo PS™ Positioning System with Ventralight™ ST Mesh

Indications

The Echo™ PS positioning system is intended to be used to facilitate the delivery of soft tissue prostheses during laparoscopic hernia repair. Ventralight™ ST Mesh is indicated for use in the reconstruction of soft tissue deficiencies, such as for repair of hernias.

Contraindications

Literature reports that there may be a possibility for adhesion formation when the polypropylene is placed in direct contact with the bowl or viscera. Do not use in infants or children, whereby future growth will be compromised by use of such mesh material. Do not use for the reconstruction of cardiovascular defects.

Adverse Reactions

Possible complications may include, but are not limited to, seroma, adhesions, haematoma, pain, infection, inflammation, extrusion, erosion, migration, fistula formation and recurrence of the hernia or soft tissue defect.

Phasix™ ST Mesh

Indications

Phasix™ ST Mesh is indicated for use in the reinforcement of soft tissue, where weakness exists, in procedures involving soft tissue repair, such as for the repair of hernias, including hiatal hernias.

Contraindications

Because Phasix™ ST Mesh is fully resorbable, it should not be used in repairs where permanent wound or organ support from the mesh is required.

Warnings

Device manufacture involves exposure to tetracycline hydrochloride and kanamycin sulfate. The safety and product use for patients with hypersensitivities to these antibiotics is unknown. Use of this device in patients with known allergies to tetracycline hydrochloride or kanamycin sulfate should be avoided. Ensure proper orientation; the coated side of the prosthesis should be oriented against the bowel or sensitive organs. Do not place the uncoated mesh side against the bowel. There is a risk for adhesion formation or erosions when the uncoated mesh side is placed in direct contact with the bowel or viscera. (Reference Surface Orientation section of the instructions for use.) The safety and effectiveness of Phasix™ ST Mesh in bridging repairs has not been evaluated or established. The use of any synthetic mesh or patch in a contaminated or infected wound could lead to fistula formation and/or extrusion of the mesh and it is not recommended. If an infection develops, treat the infection aggressively. Consideration should be given regarding the need to remove the mesh. An unresolved infection may require removal of the mesh. For hiatal hernia repair, the use of Phasix™ ST Mesh circumferentially around the esophagus is not recommended. For hiatal hernia repair, the use of Phasix™ ST Mesh to bridge the hiatus is not recommended. The safety and effectiveness of Phasix™ ST Mesh in the following applications has not been evaluated or established: Pregnant women, Paediatric use, Neural and Cardiovascular tissue.

Precautions

The safety and effectiveness of the mesh has not been evaluated in the presence of malignancies in the abdominopelvic cavity.

Adverse Reactions

In preclinical testing, Phasix™ ST Mesh elicited a minimal tissue reaction characteristic of foreign body response to a substance. The tissue reaction resolved as the mesh was resorbed. Possible complications may include, but are not limited to, seroma, adhesion, haematoma, pain, infection, inflammation, allergic reaction, haemorrhage, extrusion, erosion, migration, fistula formation and recurrence of the hernia or soft tissue defect. Possible complications in hiatal hernia repair may include oesophageal erosion and dysphagia related to crural fibrosis.

Please consult package insert for more detailed safety information and instructions for use.

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