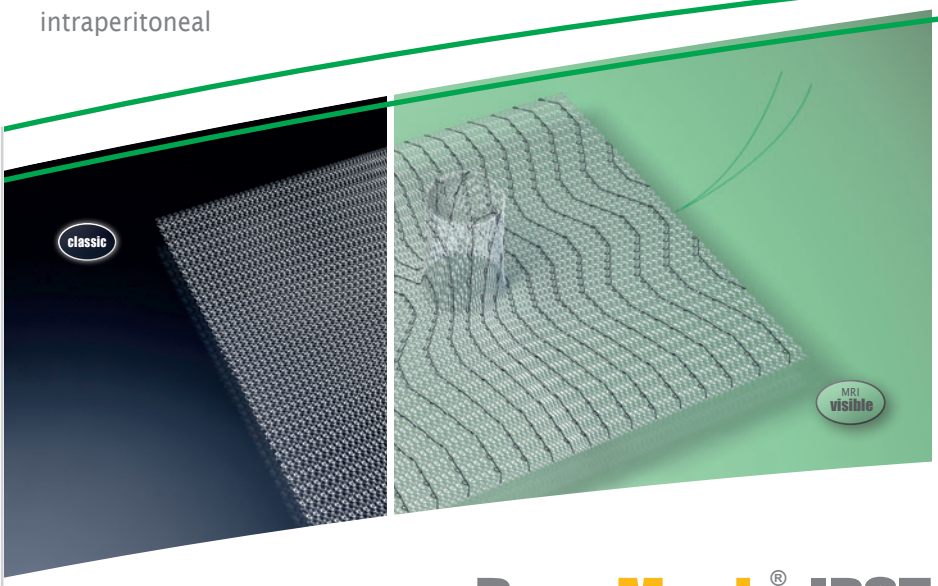
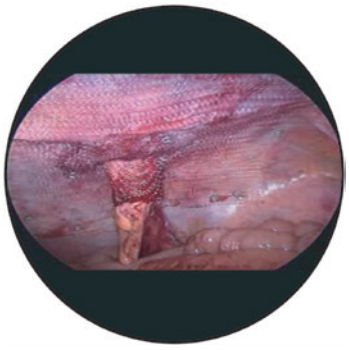


DynaMesh®-IPST, **DynaMesh®-IPST visible**, **DynaMesh®-IPST-D visible**, **DynaMesh®-IPST-R** and **DynaMesh®-IPST-R visible** implants are intended for the surgical treatment of parastomal hernias, and the prevention (not **DynaMesh®-IPST-R** or **DynaMesh®-IPST-R visible**) of parastomal hernias following ostomy surgery, and permanently bridge and reinforce the soft tissue of the abdominal wall in the area of the stoma.

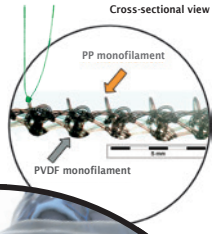
DynaMesh®-IPST

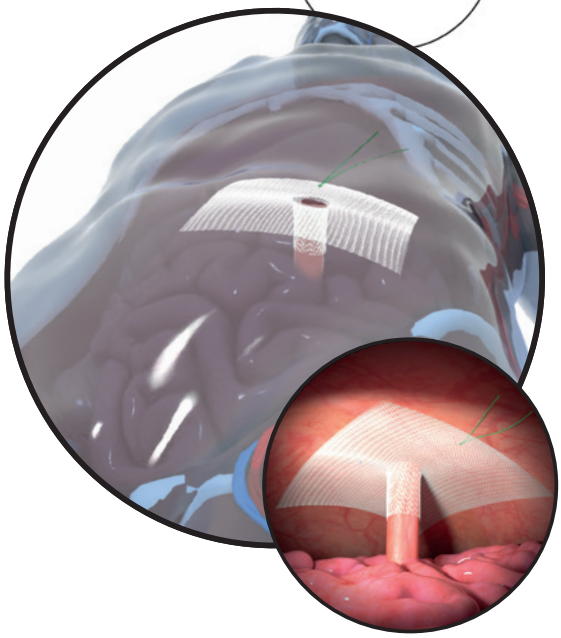


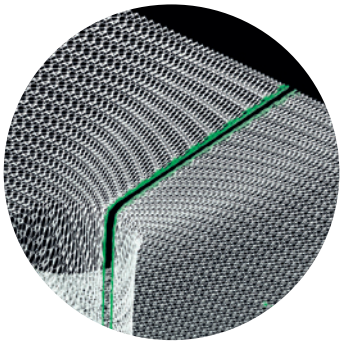
3D Funnel

The device has a passage point with a connected funnel for the passage of the intestine.
The base area of the device must be positioned in contact with the tissue, as flat and smooth as possible, with the funnel pointing in the direction of the abdominal cavity.
When selecting the device, the diameter of the passage point should be chosen so that the intestine is tightly sheathed in the funnel.

Green Filament Ends
For clear identification of the parietal side.







Prefabricated Slit & Smooth Warp-Knitted Selvedges

Only **DynaMesh®-IPST-R** and **DynaMesh®-IPST-R visible** have a one-sided slit along the funnel and the base area (mesh flaps), starting from the passage point.

During positioning, the tight sheathing of the intestine in the funnel is achieved through appropriate overlapping of the mesh flaps with non-absorbable closure of the aperture.

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DynaMesh®-IPST implants [1]-[5] must be inserted via an appropriate minimally invasive or open approach and must be placed intraperitoneally.

DynaMesh®-IPST implants [1]-[5] have a parietal side and a visceral side. The parietal side is identified by green filament ends and consists of PVDF on the surface and a small proportion of PP, whereas the visceral side consists of PVDF on the surface.

When using **DynaMesh®-IPST-D visible** [3], attention must be paid to the side specificity (left-sided/right-sided stoma), through which a particularly large overlap in a cranial as well as in a medial direction is ensured.

When positioning **DynaMesh®-IPST-R** and **DynaMesh®-IPST-R visible** [4] [5], the tight sheathing of the intestine in the funnel is achieved through appropriate overlapping of the mesh flaps with non-absorbable closure of the aperture.

Use and Properties

Product	DynaMesh®-IPST [1] / -IPST visible [2]	DynaMesh®-IPST-D visible [3]	DynaMesh®-IPST-R [4] / -IPST-R visible [5]
Surgical Treatment	Parastomal Hernia (Repair / Prevention)		Parastomal Hernia (Repair)
Surgical Approach	Minimally Invasive / Open		
Surgical Technique	Chimney Technique		
Mesh Position	Intraperitoneal		
Fixation	Suture / Tacks / No Fibrin Glue		
Green Filament Ends	●		
Smooth Warp-Knitted Selvedges	○ [1] - [3]		● [4] [5]
Visible Technology	○ [1] / ● [2]	● [3]	○ [4] / ● [5]
Materials	- Polyvinylidene fluoride (PVDF) (CAS 24937-79-9) > 85% (w/w) [1] - [5] - Polypropylene (PP) (CAS 9003-07-0) < 13% (w/w) [1] - [5] - Phthalocyanine green (CAS 1328-53-6) < 1% (w/w) [1] - [5] - Triiron tetraoxide (CAS 1317-61-9) < 1% (w/w) [2] [3] [5]		
Polymers (Monofilament)	PVDF, PP		
Biocompatibility	● [TR1]		
Ageing Resistance	● [2A, 5VIT, 27A, 52VIT, 93A, 101]		
Effective Porosity	● High effective porosity reduces inflammation and the risk of excessive scar formation. [103P, TR71]		
Klinge's Mesh Classification	Class 1a [102P, TR71B]		

● Applies to all product sizes
○ Does not apply
[#] Reference "#" (see "References")
[TR#] Internal test report (see "internal test report references")
Limitations "A" animal trial, "B" bench test, "VIT" in-vitro trial, "P" published results based on the analysis of human mesh explants, "PB" published results mainly based on bench tests

More information: *https://en.dyna-mesh.com/dynamesh-ipst-gb*

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Wellington Way, Weybridge, KT13 0NY
United Kingdom
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T: +44 (0)1932 260 838
www.lawmed.co.uk

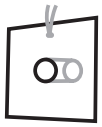
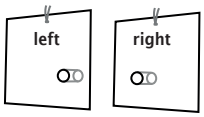
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Product Range

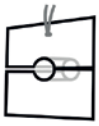
Prevention and Repair of Parastomal Hernia

The diameter of the mesh funnel should be chosen so that the intestine is tightly sheathed. In repair, sufficient defect overlap and coverage of the base of the passage is necessary. When using DynaMesh®-IPST-D visible, attention must be paid to the side specificity (left-sided/right-sided stoma).

DynaMesh®-IPST	**Funnel length: 4.0 cm**	
	ø 02 cm x 15 cm x 15 cm (L4)	IP072415*F1*
DynaMesh®-IPST visible	**Funnel length: 4.0 cm**	
	ø 02 cm x 15 cm x 15 cm (L4)	IP082415*F1*
DynaMesh®-IPST-D visible	**Funnel length: 4.0 cm**	
	ø 02 cm x 30 cm x 30 cm (L4) left	IP082431*F1*
	ø 02 cm x 30 cm x 30 cm (L4) right	IP082432*F1*
	Important: Side specificity (left-sided/right-sided stoma)	
	FX = X unit(s)/box (e.g. *F3* = 3 unit(s)/box)	

Repair of Parastomal Hernia

With DynaMesh®-IPST-R and DynaMesh®-IPST-R visible, a tight sheathing of the intestine is achieved by a suitable overlap of the mesh flaps with non-absorbable closure.

DynaMesh®-IPST-R	**Funnel length: 3.5 cm**	
	ø 03 cm x 16 cm x 16 cm (L3.5)	IP103316*F1*
DynaMesh®-IPST-R visible	**Funnel length: 3.5 cm**	
	ø 03 cm x 16 cm x 16 cm (L3.5)	IP113316*F1*
	FX = X unit(s)/box (e.g. *F3* = 3 unit(s)/box)	

DynaMesh®-IPST - Animation:
Parastomal Hernia Repair with Chimney Technique
https://de.dyna-mesh.com/Vi087xx

DynaMesh®-IPST-R - Animation:
Parastomal Hernia Repair
https://de.dyna-mesh.com/Vi113xx

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