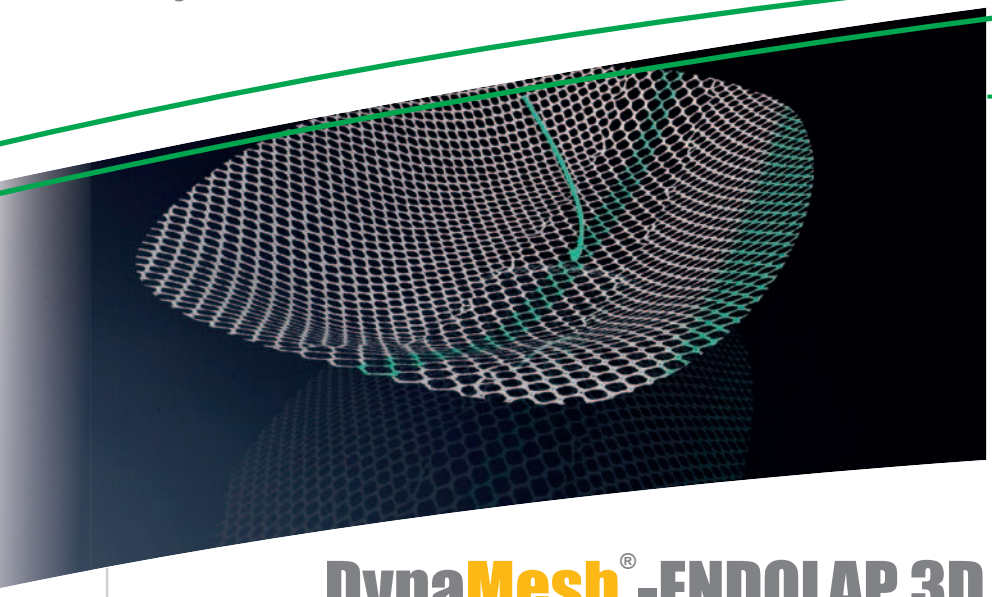
Expert Technologies in **PVDF**



For endoscopic (TEP) and laparoscopic (TAPP) techniques for inguinal and femoral hernia repair

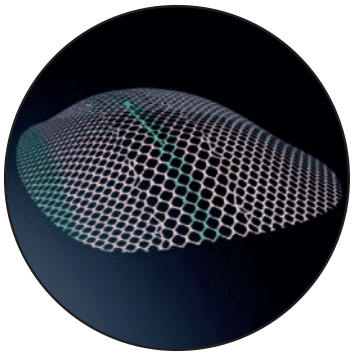
DynaMesh®-ENDOLAP 3D

DynaMesh®-ENDOLAP 3D	Size: 09 cm x 14 cm	PV130914F1	Unit = 1 EA / BX
		PV130914F3	Unit = 3 EA / BX
	Size: 10 cm x 15 cm regular	PV131015F1	Unit = 1 EA / BX
		PV131015F3	Unit = 3 EA / BX
	Size: 12 cm x 17 cm	PV131217F1	Unit = 1 EA / BX
DynaMesh®-ENDOLAP 3D visible	Size: 10 cm x 15 cm	PV121015F1	Unit = 1 EA / BX
		PV121015F3	Unit = 3 EA / BX
	Size: 12 cm x 17 cm	PV121217F1	Unit = 1 EA / BX

For special sizes and other package sizes please see the attached sheet.

Use and properties

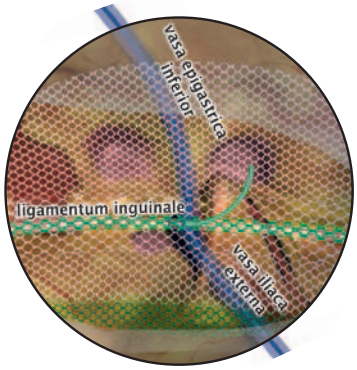
Product	Field of application	Surgical approach	Surgical technique	Mesh position	Fixation	Optimal handling	Optimal patient safety	Optimal patient comfort	Green thread and line marker	CURVATOR®	visible technology
ENDOLAP 3D	inguinal-hernias	endoscopic / laparoscopic	TEP / TAPP	extra-peritoneal	none/suture/ bonding/ stapler/tacker	●	●	●	●	●	●
							p.8	p.8			p.16



Optimised shape

Three-dimensionally shaped net implants for repair of inguinal and femoral hernias in TEP/TAPP technique ensure time-saving and efficient work for the surgeon during the operation. With the DynaMesh® visible technology, which allows the position of the implant to be checked after surgery by MRI, an identical shape fitting the patient's anatomy on both sides (right and left) has been developed.

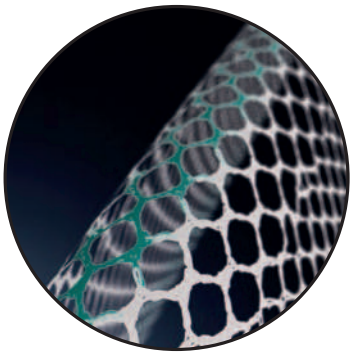
DynaMesh®-ENDOLAP 3D for optimised handling



Standardised positioning

Integrated markers aligned to anatomical ladnmarks (inguinal ligament, inferior epigastric vessels and external iliac vessels) ensure simple, always correct and standardised position of the implant.

DynaMesh®-ENDOLAP 3D for maximum patient safety



CURVATOR®

The Curvator® technology has been specially developed for implants that are subject to high deformation after surgery. The Curvator® technology enables DynaMesh®-ENDOLAP 3D to fit the anatomical conditions easily without folds even in the most critical areas.

DynaMesh®-ENDOLAP 3D for maximum patient comfort

Technical data

	Polymer (monofilament)	Excellent biocompatibility	Minimal foreign body reaction	Reduced bacterial adherence	High ageing resistance	Optimal dynamometry	No scar plate formation	Reactive surface [a] [m²/m²]	Maximum stability [b] [N/cm]	Elasticity [b] at 16 N/cm [%]	Tear propagation resistance [c] [N]	Textile porosity [d] [%]	Effective porosity [d] [%]	Effective porosity at 2.5 N/cm [d] [%]	Classification [e]
	PVDF	●	●	●	●	●	●	1,82	35	25	32	69*/63	66*/59	63*/57	1a
	p.10	p.10	p.10	p.10	p.11	p.13	p.14	p.12	p.13	p.13	p.13	p.14	p.15	p.15	

*Values CURVATOR®

[a]-[e] p. 41