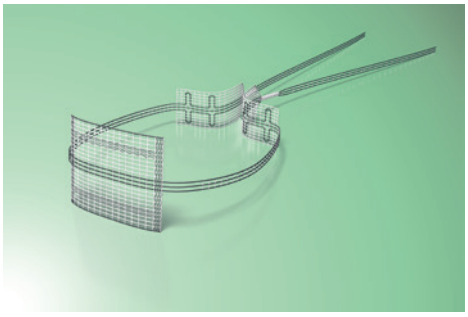
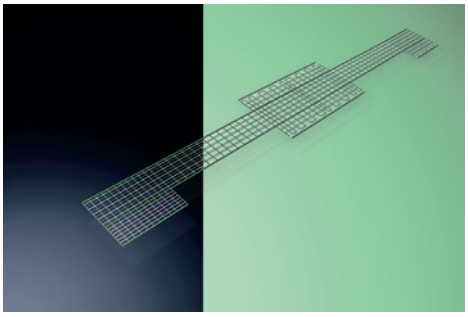
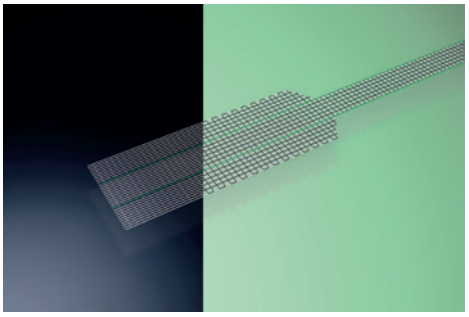
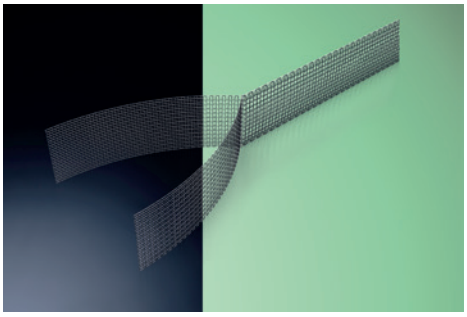
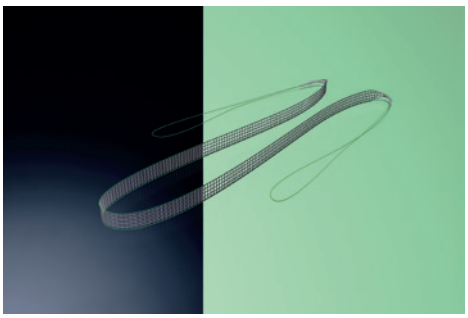


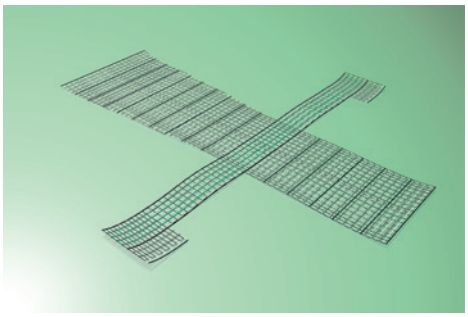




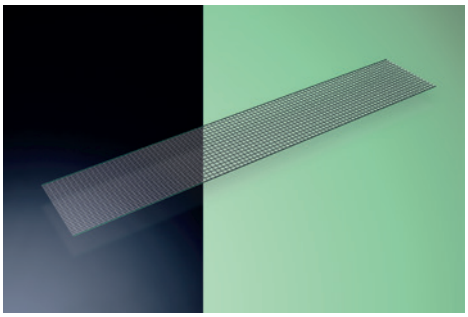




DynaMesh®

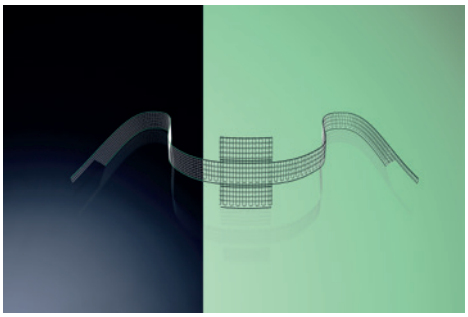


Implants for the surgical treatment of
Female Urinary Incontinence
Female Pelvic Organ Prolapse
Male Urinary Incontinence



made
in
Germany

Tailored Implants
Made of PVDF



KS000003 en52 _2023-01-27_d

Profile and Competences

FEG Textiltechnik Forschungs- und Entwicklungsgesellschaft mbH (FEG) was established in Aachen in 1992 and since then has gained a reputation for exceptional innovations in the field of textile technology.

The company's dedicated and highly qualified staff, in-house research and development capacities as well as intelligent production facilities combine to make FEG Textiltechnik today's leading manufacturer of textile surgical implants in Germany. Under the brand name **DynaMesh®**, an internationally protected trademark, FEG's award-winning implants are successfully marketed in numerous countries around the world.

Constant and close contact with major scientific, medical and technical institutions ensures that FEG's high-quality products meet the latest requirements in terms of patient comfort and surgical handling. The sophisticated quality management system at FEG Textiltechnik is fully certified to DIN EN ISO 13485 for the manufacture of medical devices. All of FEG's products are CE approved (CE 0123) and are approved under relevant national regulations.

Focusing on its core competences and expertise in textile implants, FEG Textiltechnik will continue to set technical benchmarks in the future.

DynaMesh®

KS000101 en 52 _2022-08-09_ d

Milestones

1992 Founding of: FEG Textiltechnik

2003 Certification of: DynaMesh®

2011 Development of
MRI-visible technology

2014 New 4,200m²
offices & production plant

2020 Additional 600m²
production/storage capacity

1994 Active in medical technology

2004 First implant
for the surgical treatment of hernias

2005 First implant
for the surgical treatment of female urinary incontinence

2006 First implant
for the surgical treatment of female pelvic organ prolapse

2007 First implant
for the surgical treatment of parastomal hernias

2008 First implant
for the surgical treatment of male urinary incontinence

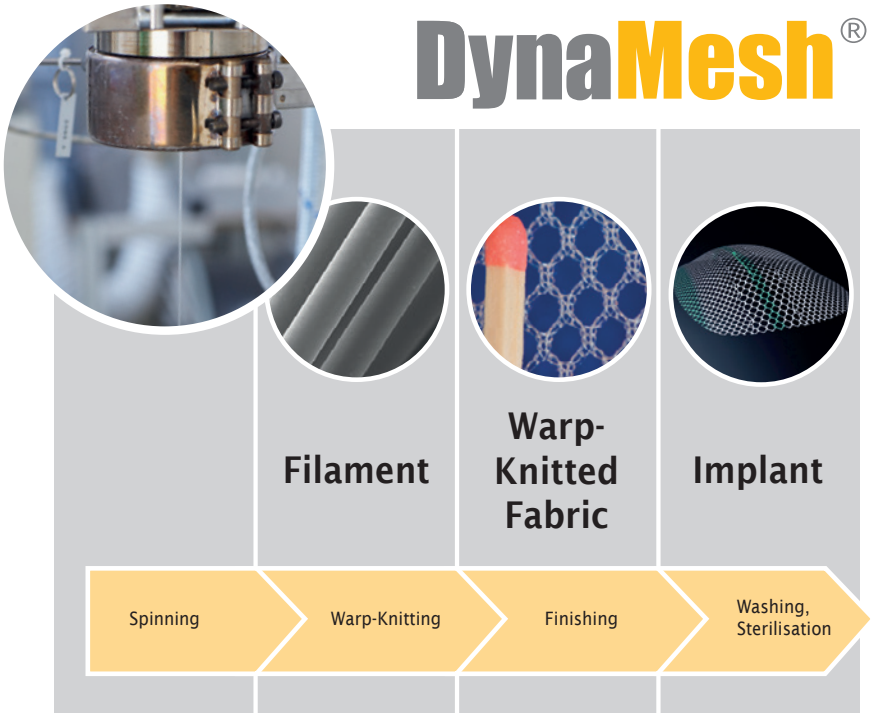
2016 First implant
for the surgical treatment of hiatal hernias

Business Fields:

- Implants for the surgical treatment of:
  - Hernias
  - Female Pelvic Organ Prolapse
  - Female Urinary Incontinence
  - Male Urinary Incontinence
- Sales in over 50 countries
- More than 70 employees

KS000201 en 52 _2021-02-01_d

Implants 'made in Germany'



From Thread to Implant:

Full quality control along the entire production chain.

Development and manufacturing in Aachen, Germany

made in Germany

hergestellt durch / manufactured by: FEG Textiltechnik Forschungs- und Entwicklungsgesellschaft mbH
Prager Ring 70, 52070 Aachen, Germany · www.dyna-mesh.com

made in Germany

00.03.01.

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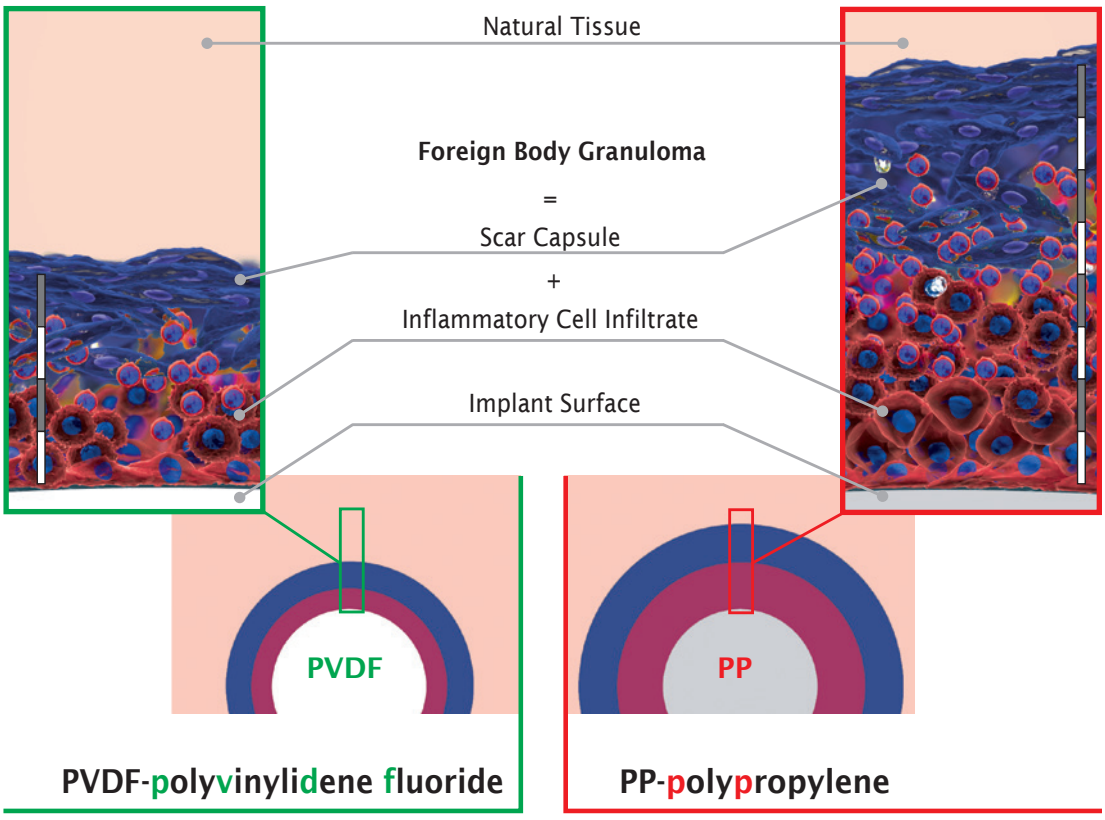
Biocompatibility

PVDF mesh structures have good biocompatibility (assessed according to ISO 10993) and show significantly lower granuloma formation (scar tissue) [1[A],2[A],4[A],68[A],100[B]]. Therefore, the risk of undesirable foreign body reactions is minimised.

Cross-Sectional View

A comparison of different granuloma thicknesses



Vi001de	DynaMesh® Implantate - Animation: Fremdkörperreaktion – Vergleich zwischen PVDF und PP https://de.dyna-mesh.com/Vi001de	
Vi001en	DynaMesh® Implants - Animation: Foreign Body Reaction – Comparison of PVDF and PP https://de.dyna-mesh.com/Vi001en	

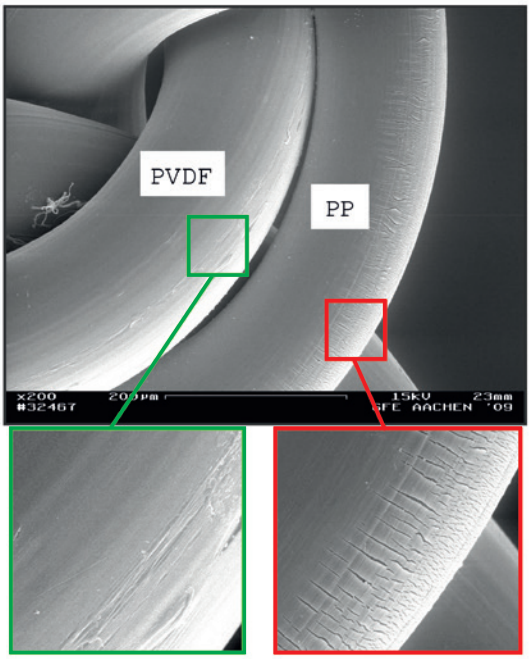
[#] Reference "#" (see "References")
[#A] Reference "#" (see "References"), "A": limitation "animal trial"
[#B] Reference "#" (see "References"), "B": limitation "in-vitro trial"

KS000401 en 52_2022-08-09_d

Ageing Resistance

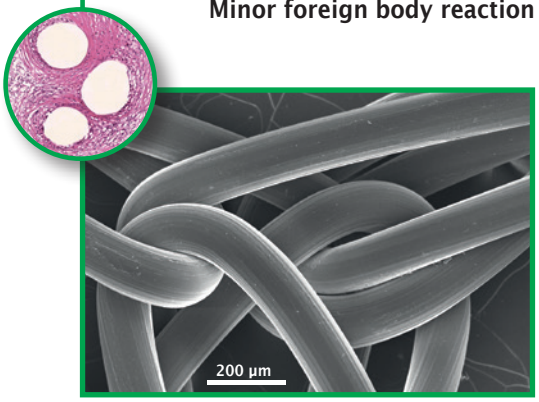
PVDF has been used as a surgical suture material for many decades with great success, even in the most demanding areas of application such as ophthalmology and cardiology [91].

Long-term data with observation periods of up to seven years prove that: The condition of the PVDF surface remains unchanged, filaments are still stable, nothing becomes brittle [101,2[A],5[B],27[A],52[B],93[A]].



PVDF

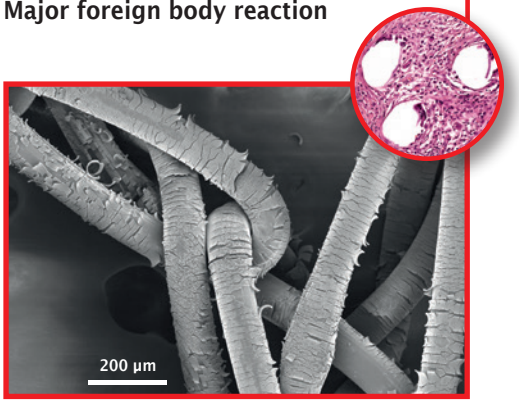
Low degradation ++
Minor foreign body reaction +



PVDF-polyvinylidene fluoride

– – Substantial degradation
– Major foreign body reaction

PP



PP-polypropylene

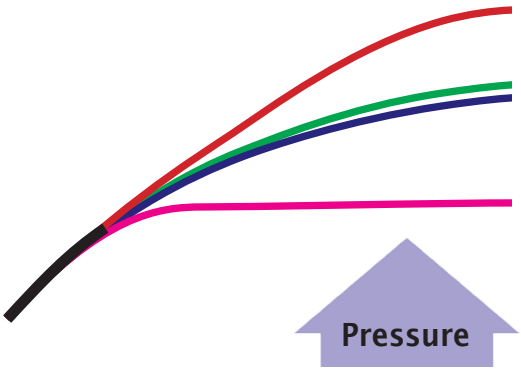
[#] Reference "#" (see "References")
[#A] Reference "#" (see "References"), "A": limitation "animal trial"
[#B] Reference "#" (see "References"), "B": limitation "in-vitro trial"

KS000402 en 52_2021-09-01_d

Dynamometry

Textile implants must reinforce tissue. They have to cushion different forces – including the extreme stresses associated with coughing, sneezing and laughing. What is needed therefore, is a good interaction between stability and elasticity.

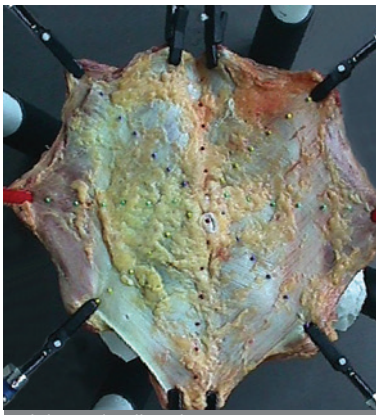
The behaviour of abdominal walls with different mesh implants under load



with implant that is too elastic

healthy abdominal wall without implant
with defined stability and elasticity

with implant that is too stiff



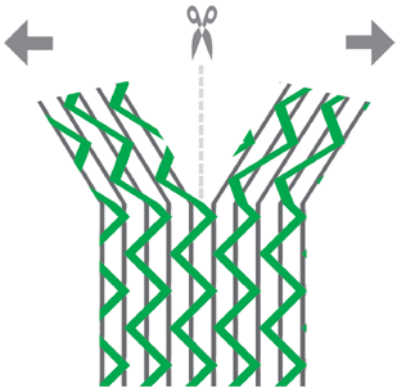
Abdominal wall explant

A study of explanted abdominal walls
(source: Aachen University Hospital, Germany)

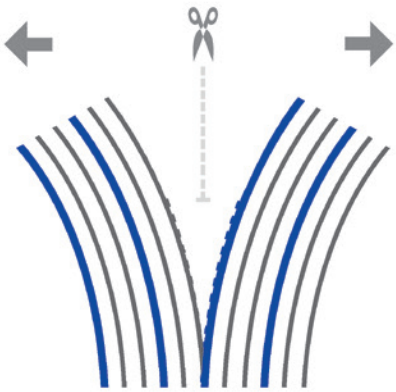
KS000501 en 52 _2021-09-01_d

Tear Propagation Resistance

The multiple meshing technique in warp-knitted* DynaMesh® structures minimises the risk of the zipper effect (once torn, the structure tears further).
The load-specific adapted tear resistance is one of the key properties of DynaMesh® implants.



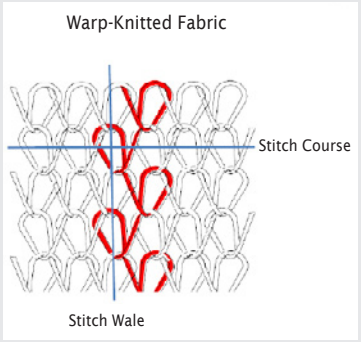
DynaMesh®



Conventional Mesh

DynaMesh® products are not woven or conventionally knitted, but warp-knitted*.
This technology, unlike any other, makes it possible to make specific variations in the shape and structure of a textile implant, which means that we can construct features with different characteristics in different places within the structure. It is impossible to achieve a more accurate adaptation of implants to the relevant indication.

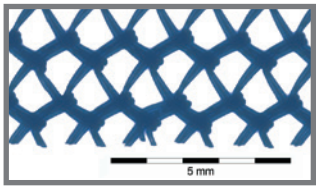
***Warp-Knitted Fabric**
Warp-knitted fabrics are a type of knitted fabric. They are produced industrially on warp-knitting machines via stitch formation from thread systems.



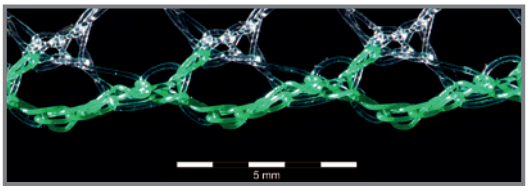
KS000502 en 52_2021-02-01_d

Specially Warp-knitted Selvedges

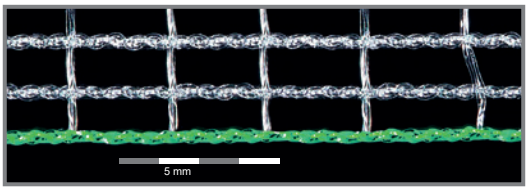
DynaMesh® products are not simply cut from a flat piece of mesh.
Special warp-knitting machines produce smooth selvedges
(no 'sawtooth' edges!).



Conventional Mesh

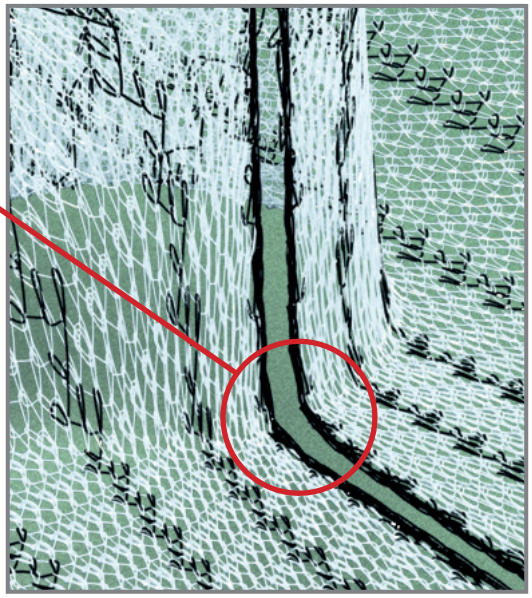


DynaMesh®-LICHTENSTEIN



DynaMesh®-SIS soft

Also in three-dimensionally
shaped implants

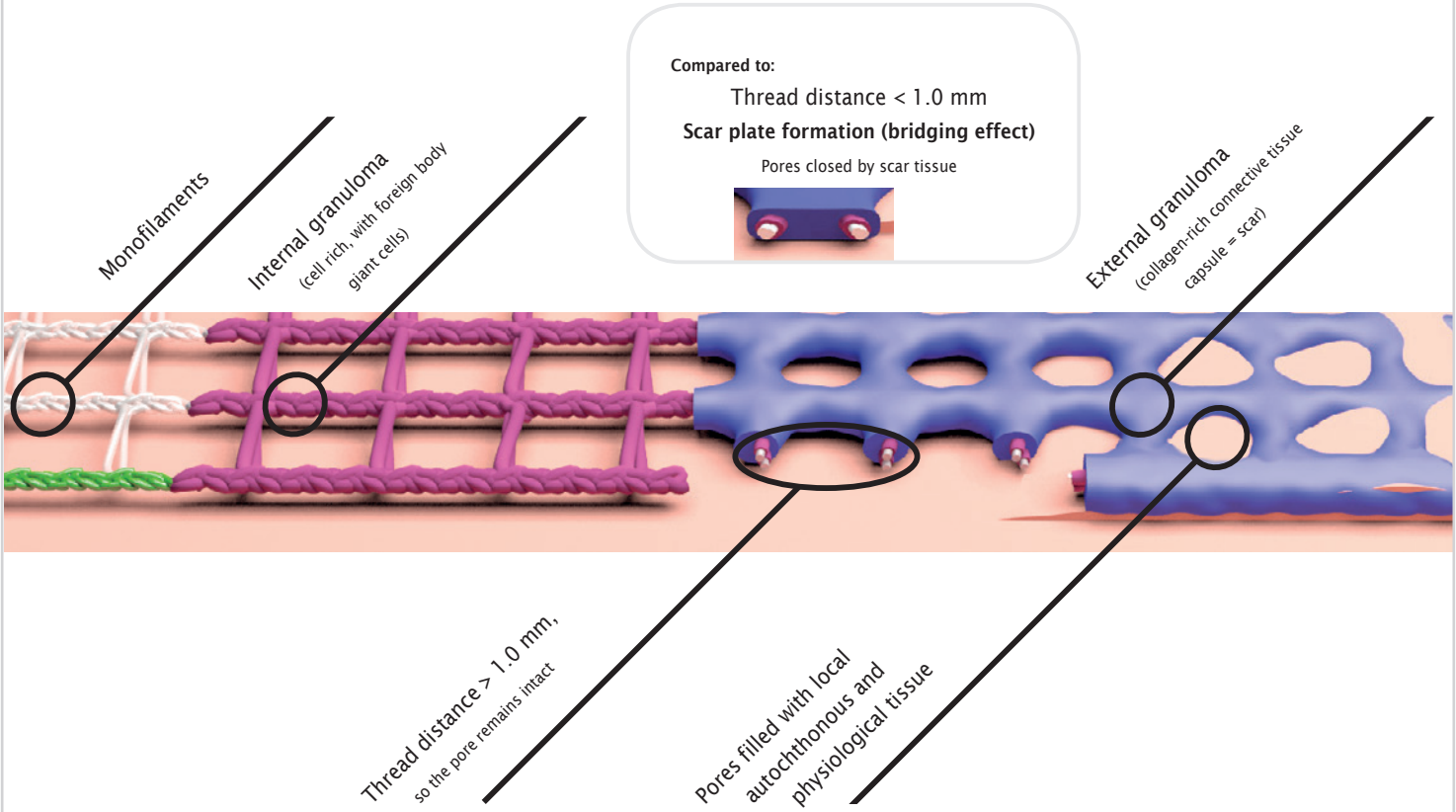


DynaMesh®-IPST-R visible

Effective Porosity

During incorporation, the filaments are enclosed by an internal and external granuloma. When filament distance is too small, there is a risk that the whole intervening space will be filled with scar tissue (closed pores). Sufficiently large pores can prevent this [8C].

How is this prevented? PP implants must have a **pore diameter of at least 1 mm** in all directions, even under load! In the case of **PVDF** implants, a diameter of **0.6 mm** is already sufficient to keep the pores open due to the lower granuloma thickness. Only in this way can local autochthonous tissue form through a pore [6,68A,105A].



[#] Reference "#" (see "References")
[#A] Reference "#" (see "References"), "A": limitation "animal trial"
[#C] Reference "#" (see "References"), "C": limitation "results based on the analysis of explants"

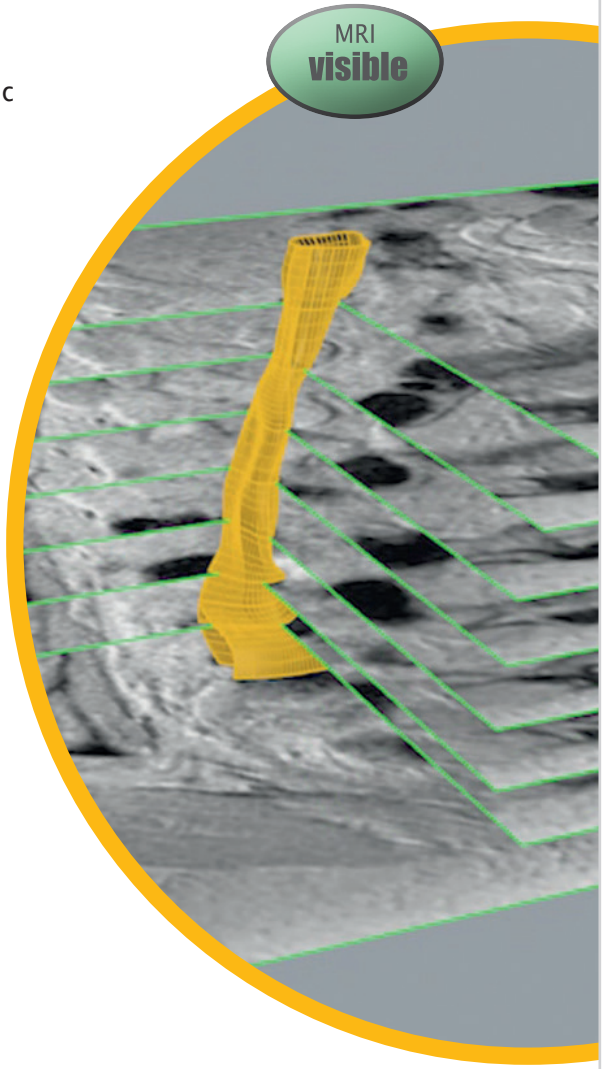
Textile porosity refers to the permeable component of a mesh implant **before** the body has reacted to it.

Effective porosity refers to the permeable component of a mesh implant **after** the body has reacted to it.

Rule of thumb:
A 'pore' less than 1 mm in diameter is closed by the body with scar tissue
= 0% effective porosity

KS000601 en 52 _2021-09-01_d

DynaMesh® visible



Conventional mesh implants are mostly undetectable in diagnostic radiology.

DynaMesh® visible implants can be detected using magnetic resonance imaging (MRI) [7,29A,51,54,56,62,69-71,76,90] - both in standard sequences and in high-resolution, three-dimensional images and even films. As such, position and condition of the implant can be determined reliably and accurately.

DynaMesh® visible is the world's first technology to visualise textile implants. The PVDF filament is mixed with ferromagnetic micro-pigments according to a proprietary process that ensures optimum pigment incorporation. This innovation has won an award from the German Federal Ministry of Education and Research (BMBF 01EZ 0849).

Award-winner in the innovation competition hosted by the Bundesministerium für Bildung und Forschung

The development was sponsored by the German Federal Ministry of Education and Research (BMBF 01EZ 0849)

[#] Reference "#" (see "References")
[#A] Reference "#" (see "References"), "A": limitation "animal trial"

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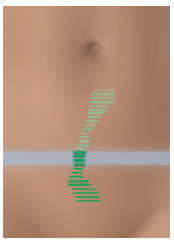
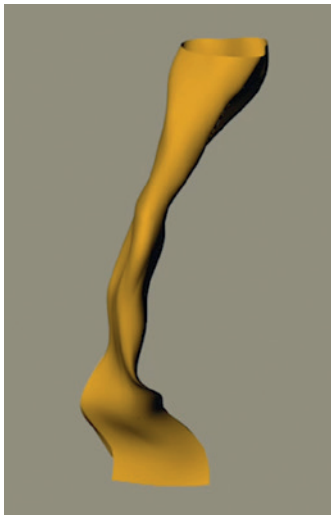
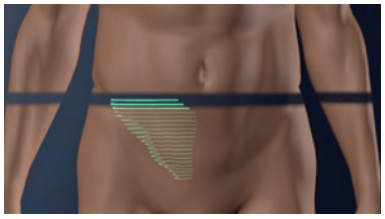
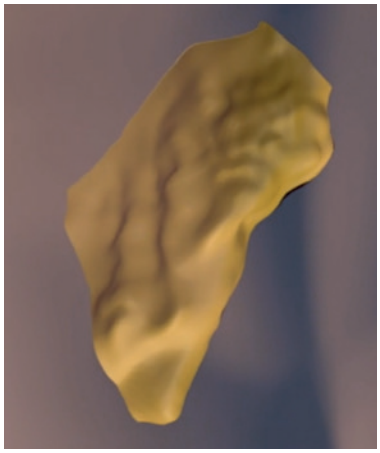
DynaMesh® visible

DynaMesh®-PRS visible
3-dimensional remodelling

DynaMesh®-ENDOLAP visible
3-dimensional remodelling



During MRI scans, the part of the body being analysed is scanned step-by-step and deconstructed into many 'wafer-thin optical slices'. At the end, these 'slices' are reconstructed to form 3-dimensional images or motion sequences (remodelling).

Vi069XX	DynaMesh® MRI - Animation: MRI Reconstruction with DynaMesh®-PRP visible *https://de.dyna-mesh.com/Vi069xx*	
Vi067XX	DynaMesh® MRI - Animation: MRI Reconstruction with DynaMesh®-PRS visible *https://de.dyna-mesh.com/Vi067xx*	
Vi032XX	DynaMesh®-ENDOLAP visible - Animation: MRI visible - 3D Implant Remodelling *https://de.dyna-mesh.com/Vi032xx*	

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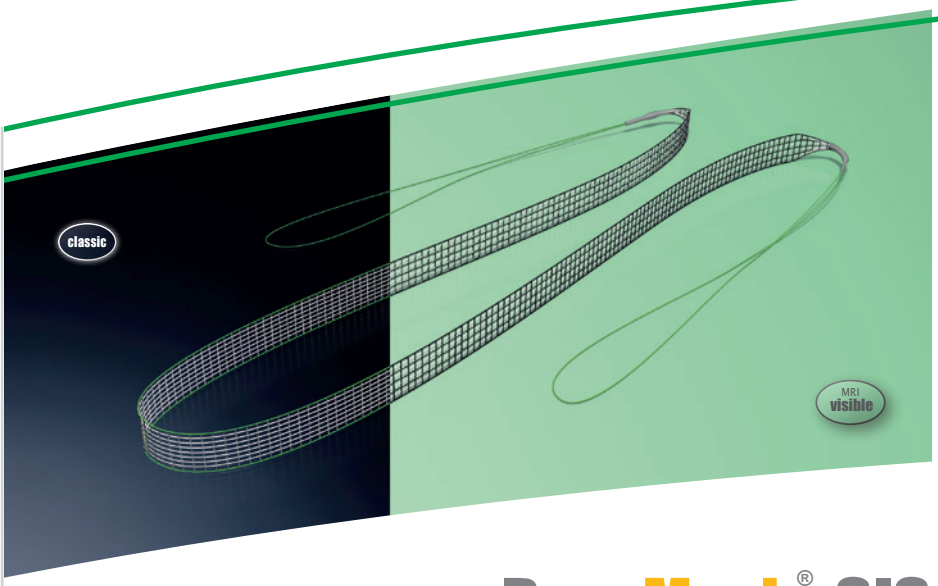
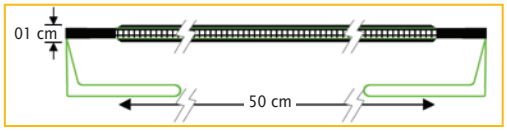


DynaMesh®-SIS implants are designed as a midurethral sling for soft tissue reinforcement of the pelvic floor as part of the surgical treatment of stress urinary incontinence caused by a hypermobile urethra and/or intrinsic sphincter deficiency.

DynaMesh®-SIS

DynaMesh®-SIS	01 cm x 50 cm	PV211056F1	BX = 1 piece
		PV211056F3	BX = 3 pieces
DynaMesh®-SIS soft	01 cm x 50 cm	PV411056F1	BX = 1 piece
		PV411056F3	BX = 3 pieces
DynaMesh®-SIS visible	01 cm x 50 cm	PV471056F1	BX = 1 piece
		PV471056F3	BX = 3 pieces



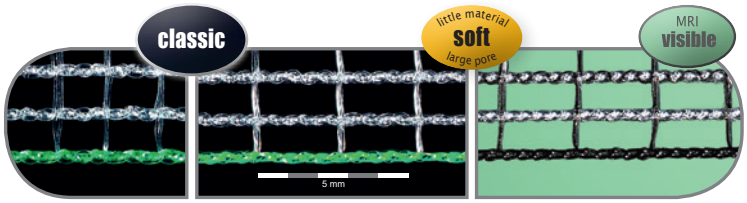
Use and Properties

Product	DynaMesh®-SIS	DynaMesh®-SIS soft	DynaMesh®-SIS visible
Field of application	stress urinary incontinence (SUI)		
Surgical access	transvaginal		
Surgical technique	TVT - retropubic - inside-out / TOT - transobturator - inside-out - outside-in		
Fixation	none		
Specially Warp-knitted Selvedges	●		
Shape stability [TR1,TR12]	●		
Defined elasticity [TR10]	●		
Visible technology	○	○	●
Polymer (monofilament)	PVDF		
Biocompatibility [1[A],2[A],4[A],68[A],100[A],TR1]	●		
Ageing resistance [101,2[A],5[B],52[B],93[A],27[A]]	●		
Classification (Klinge's classification [8]) [TR11]	1a		

● Applies to all product sizes
○ Does not apply
[#] Reference "#" (see "References")
[#[A]] Reference "#" (see "References"), "A": limitation "animal trial"
[#[B]] Reference "#" (see "References"), "B": limitation "in-vitro trial"
[TR#] Internal test-report (see "internal test-report references")

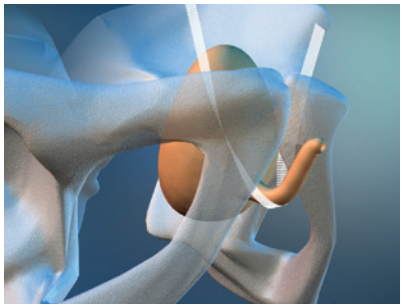
KS200101 en 52 _2023-01-27_d

DynaMesh®-SIS

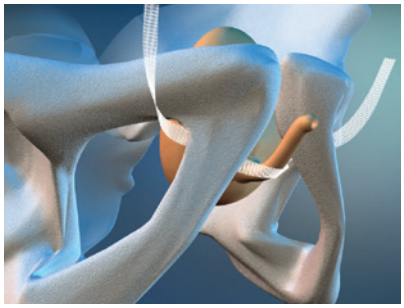


DynaMesh®-SIS | DynaMesh®-SIS soft | DynaMesh®-SIS visible

Retropubic
(inside-out / bottom-up)



Transobturator
(inside-out & outside-in)



DynaMesh®-SIS implants are positioned using the inside-out technique in case of a retropubic tape position, and using the outside-in or inside-out technique in case of a transobturator tape position.

DynaMesh®-SIS implants have a thread on both ends of the sling, which aids fixation to the surgical instrument.

Several reusable instruments are available separately to assist the positioning of **DynaMesh®-SIS** implants:

DynaMesh®-ISR01:
Instrument for retropubic positioning of DynaMesh®-SIS implants through transvaginal access using the inside-out technique.

Diameter: 5 - 7 cm

DynaMesh®-IST01/-IST02/-IST03:
Instrument set consisting of two instruments (right and left side) for transobturator positioning through transvaginal access using the inside-out or outside-in technique.

DynaMesh®-IVT01:
Instrument for transobturator positioning through transvaginal access using the outside-in technique.

VI040xx	DynaMesh®-SIS - Animation: Surgical Treatment of Stress Urinary Incontinence - SUI - TVT 8/4 https://de.dyna-mesh.com/Vi040xx	

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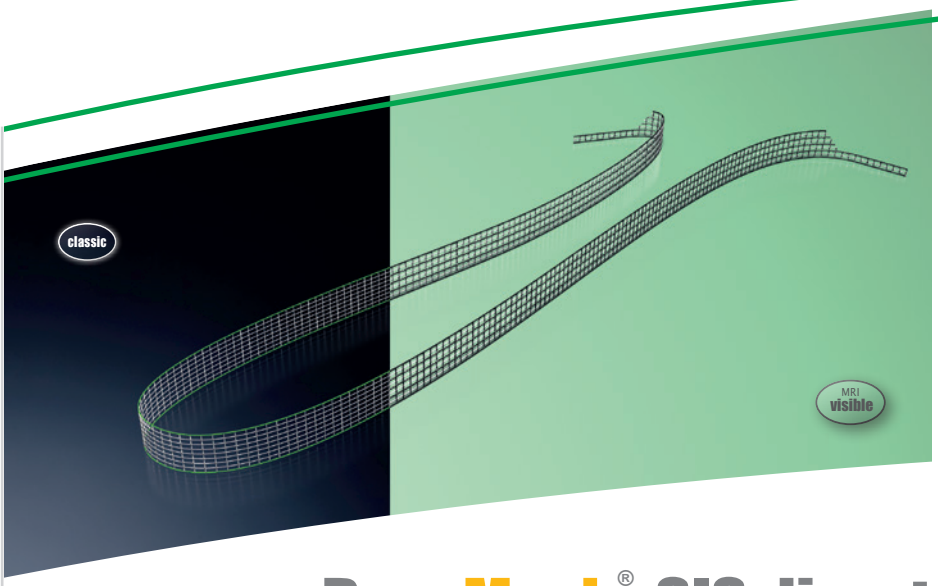
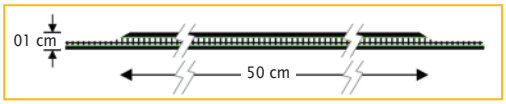


DynaMesh®-SIS direct implants are designed as a midurethral sling for soft tissue reinforcement of the pelvic floor as part of the surgical treatment of stress urinary incontinence caused by a hypermobile urethra and/or intrinsic sphincter deficiency.

DynaMesh®-SIS direct

DynaMesh®-SIS direct	01 cm x 50 cm	PV211050F1	BX = 1 piece
		PV211050F3	BX = 3 pieces
DynaMesh®-SIS direct soft	01 cm x 50 cm	PV411050F1	BX = 1 piece
		PV411050F3	BX = 3 pieces
DynaMesh®-SIS direct visible	01 cm x 50 cm	PV471050F1	BX = 1 piece
		PV471050F3	BX = 3 pieces



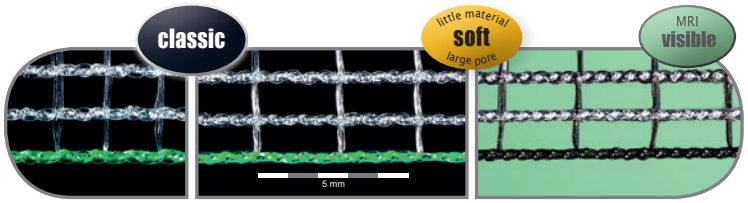
Use and Properties

Product	DynaMesh®-SIS direct	DynaMesh®-SIS direct soft	DynaMesh®-SIS direct visible
Field of application	stress urinary incontinence (SUI)		
Surgical access	transvaginal		
Surgical technique	TOT - transobturator - outside-in		
Fixation	none		
Specially Warp-knitted Selvedges	●		
Shape stability [TR1,TR12]	●		
Defined elasticity [TR10]	●		
Visible technology	○	○	●
Polymer (monofilament)	PVDF		
Biocompatibility [1A,2A,4A,68A,100A,TR1]	●		
Ageing resistance [101,2A,5B,52B,93A,27A]	●		
Classification (Klinge's classification [8]) [TR11]	1a		

● Applies to all product sizes
○ Does not apply
[#] Reference "#" (see "References")
[#A] Reference "#" (see "References"), "A": limitation "animal trial"
[#B] Reference "#" (see "References"), "B": limitation "in-vitro trial"
[TR#] Internal test-report (see "internal test-report references")

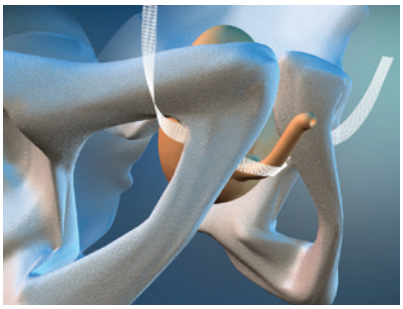
KS200201 en 52_2023-01-27_d

DynaMesh®-SIS direct



DynaMesh®-SIS direct | DynaMesh®-SIS direct soft | DynaMesh®-SIS direct visible

Transobturator (outside-in)



DynaMesh®-SIS direct implants are positioned using the outside-in technique in a transobturator tape position.

Several reusable instruments are available separately to assist the positioning of **DynaMesh®-SIS direct** implants:

Diameter: 5 - 7 cm

DynaMesh®-IST01/-IST02/-IST03:
Instrument set consisting of two instruments (right and left side) for transobturator positioning through transvaginal access using the outside-in technique.

DynaMesh®-IVT01:
Instrument for transobturator positioning through transvaginal access using the outside-in technique.

VI045en	DynaMesh®-SIS direct - Animation: SUI Treatment - Transobturator (out/in) - TOT *https://de.dyna-mesh.com/Vi045en*	
VI021xx	DynaMesh®-SIS direct - Animation: SUI Treatment - Transobturator (out/in) - TOT 8/4 *https://de.dyna-mesh.com/Vi021xx*	

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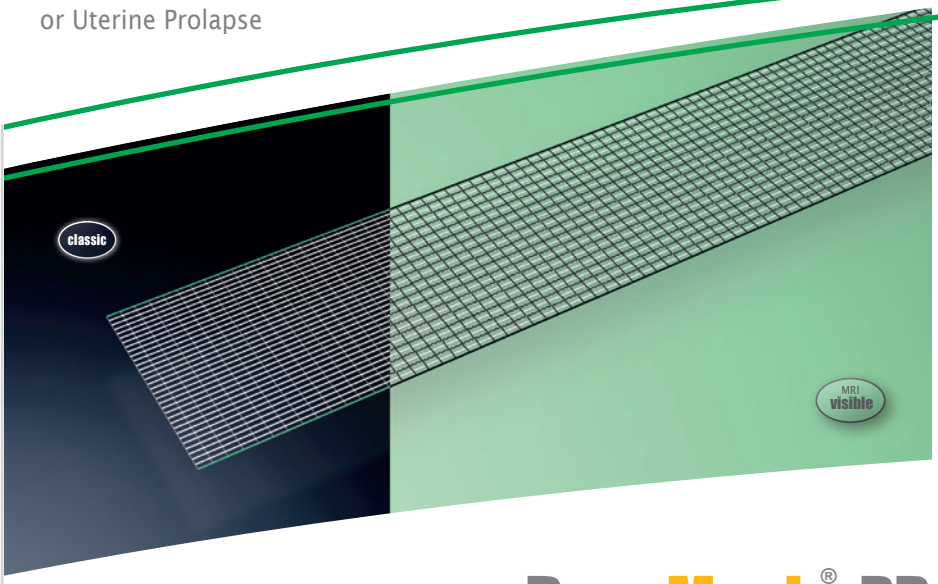
Female Pelvic Organ Prolapse

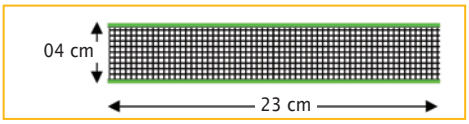
Vaginal/Cervical Stump Prolapse
or Uterine Prolapse



DynaMesh®-PR implants have been specially developed for pelvic floor reconstruction, in laparoscopic or open surgical technique, and serve to support and stabilise fascial structures, connective tissue and ligaments.

DynaMesh®-PR

DynaMesh®-PR soft	04 cm x 23 cm	PV500423F1	BX = 1 piece
		PV500423F3	BX = 3 pieces
DynaMesh®-PR visible	04 cm x 23 cm	PV700423F1	BX = 1 piece



Use and Properties

Product	DynaMesh®-PR soft	DynaMesh®-PR visible
Field of application	vaginal/cervical stump or uterine prolapse, concomitant cystocele/rectocele	
Surgical access	laparoscopic / open	
Surgical technique	colposacropexy / cervicosacropexy / hysterosacropexy unilateral	
Fixation on vagina / cervix	sutures	
Fixation on sacrum	sutures / tacks	
Specially Warp-knitted Selvedges	●	
Shape stability	●	
Defined elasticity	●	
Visible technology	○	●
Polymer (monofilament)	PVDF	
Biocompatibility	●	
Ageing resistance	●	
Dynamometry	●	
Tear propagation resistance	●	
Classification (Klinge's classification [8])	1a	

● Applies to all product sizes
○ Does not apply

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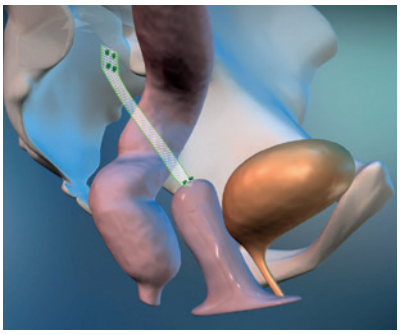
Female Pelvic Organ Prolapse

Vaginal/Cervical Stump Prolapse or Uterine Prolapse

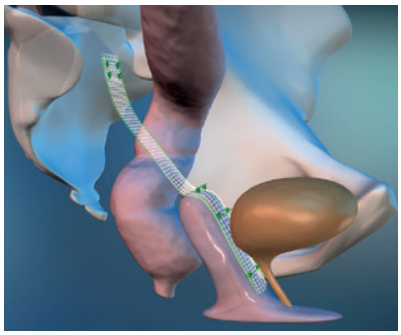
DynaMesh®-PR

DynaMesh®-PR implants are used in the surgical treatment of the vaginal/cervical stump or uterine prolapse, as well as in the treatment of a concomitant cystocele/rectocele.

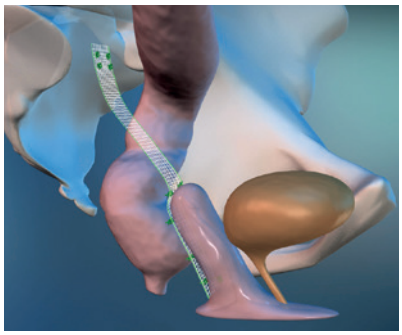
Application Examples:



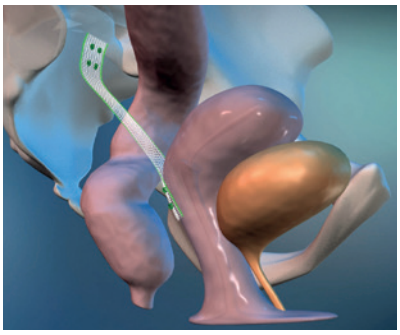
Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump



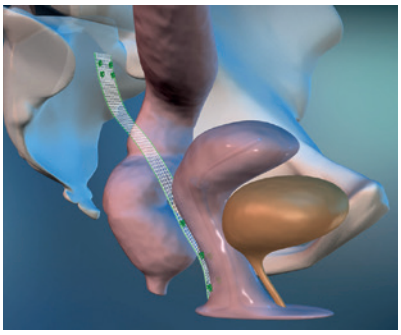
Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump and anterior mesh plasty for concomitant cystocele



Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump and posterior mesh plasty for concomitant rectocele



Hysterosacropexy
- unilateral
- posterior cervical fixation



Hysterosacropexy
- unilateral
- posterior cervical fixation and posterior mesh plasty for concomitant rectocele

VI086xx	DynaMesh®-PR - Animation: Colposacropexy https://de.dyna-mesh.com/Vi086xx	

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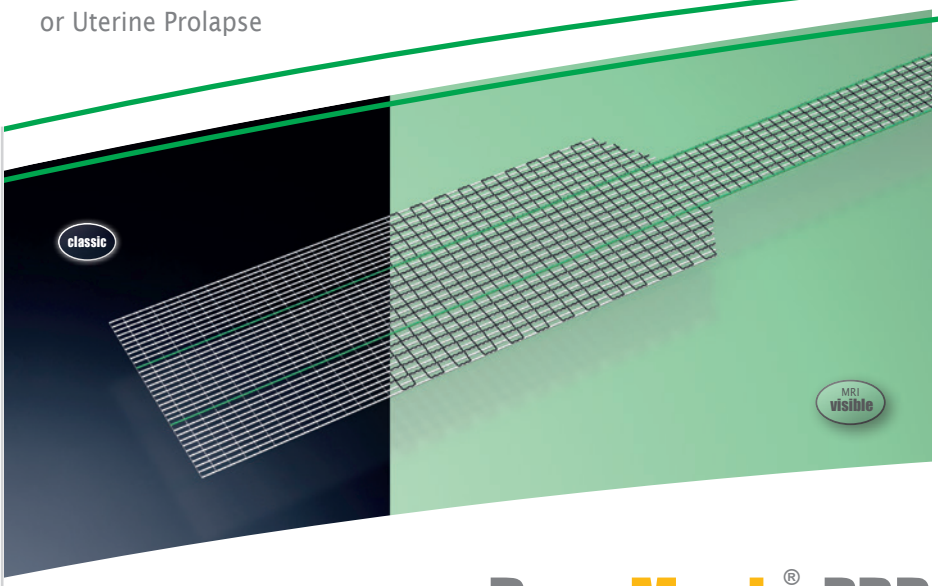
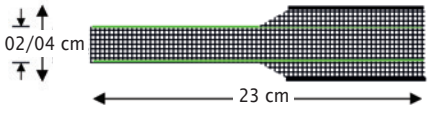
Female Pelvic Organ Prolapse
Vaginal/Cervical Stump Prolapse
or Uterine Prolapse



DynaMesh®-PRR implants have been specially developed for pelvic floor reconstruction, in laparoscopic or open surgical technique, and serve to support and stabilise fascial structures, connective tissue and ligaments.

DynaMesh®-PRR

DynaMesh®-PRR soft	02/04 cm x 23 cm	PV360423F1	BX = 1 piece
		PV360423F3	BX = 3 pieces
DynaMesh®-PRR visible	02/04 cm x 23 cm	PV760423F1	BX = 1 piece



Use and Properties

Product	DynaMesh®-PRR soft	DynaMesh®-PRR visible
Field of application	vaginal/cervical stump or uterine prolapse, concomitant cystocele/rectocele	
Surgical access	laparoscopic / open	
Surgical technique	colposacropexy / cervicosacropexy / hysterosacropexy unilateral	
Fixation on vagina / cervix	sutures	
Fixation on sacrum	sutures / tacks	
Specially Warp-knitted Selvedges	●	
Shape stability	●	
Defined elasticity	●	
Visible technology	○	●
Polymer (monofilament)	PVDF	
Biocompatibility	●	
Ageing resistance	●	
Dynamometry	●	
Tear propagation resistance	●	
Classification (Klinge's classification [8])	1a	

● Applies to all product sizes
○ Does not apply

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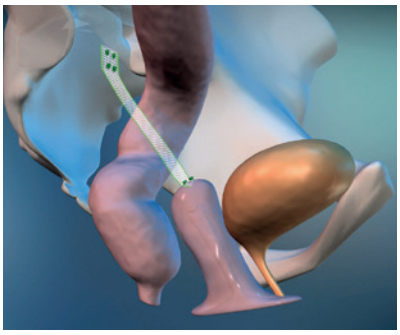
Female Pelvic Organ Prolapse

Vaginal/Cervical Stump Prolapse or Uterine Prolapse

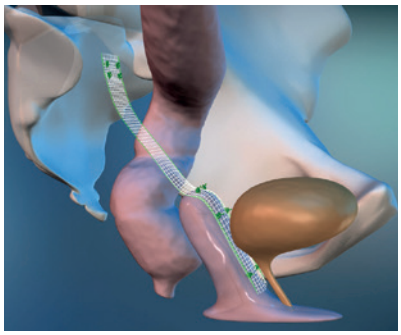
DynaMesh®-PRR

DynaMesh®-PRR implants are used in the surgical treatment of the vaginal/cervical stump or uterine prolapse, as well as in the treatment of a concomitant cystocele/rectocele.

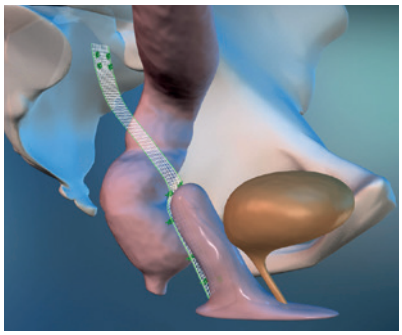
Application Examples:



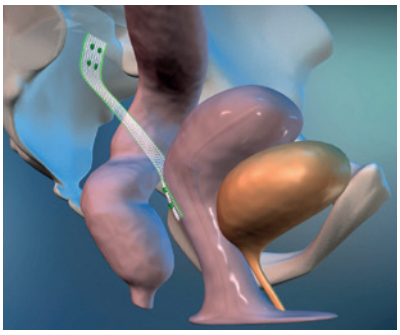
Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump



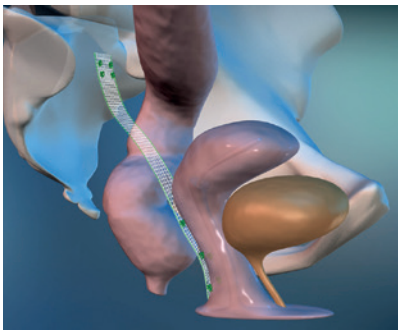
Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump and anterior mesh plasty for concomitant cystocele



Colpo-/cervicosacropexy
- unilateral
- fixation on vaginal/cervical stump and posterior mesh plasty for concomitant rectocele



Hysterosacropexy
- unilateral
- posterior cervical fixation



Hysterosacropexy
- unilateral
- posterior cervical fixation and posterior mesh plasty for concomitant rectocele

VI083xx	DynaMesh®-PRR - Animation: Colposacropexy https://de.dyna-mesh.com/Vi083xx	
Vi062xx	DynaMesh®-PRR - Animation: Hysterosacropexy https://de.dyna-mesh.com/Vi062xx	

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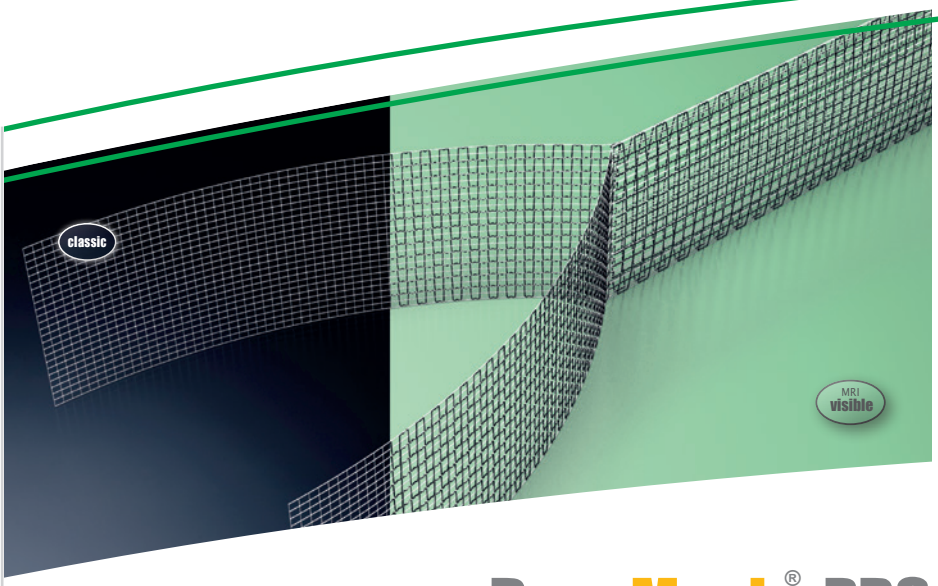
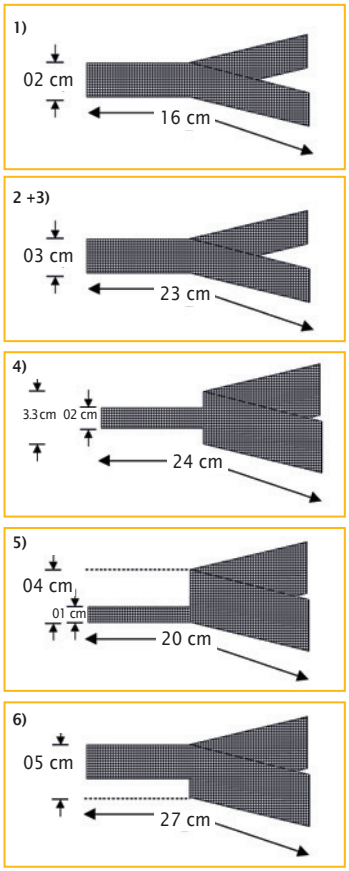


DynaMesh®-PRS implants have been specially developed for pelvic floor reconstruction, in laparoscopic or open surgical technique, and serve to support and stabilise fascial structures, connective tissue and ligaments.
The implants are used in the surgical treatment of the vaginal or cervical stump prolapse, as well as in the treatment of a concomitant cystocele and/or rectocele.

DynaMesh®-PRS

DynaMesh®-PRS soft	1) 02 cm x 16 cm	PV350216F1	BX = 1 piece
DynaMesh®-PRS soft	2) 03 cm x 23 cm	PV350323F1	BX = 1 piece
DynaMesh®-PRS visible	3) 03 cm x 23 cm	PV750323F1	BX = 1 piece
DynaMesh®-PRS visible	4) 3.3 cm x 24 cm	PV750424F1	BX = 1 piece
		PV750424F10	BX = 10 pieces
DynaMesh®-PRS visible	5) 04 cm x 20 cm	PV750420F1	BX = 1 piece
		PV750420F10	BX = 10 pieces
DynaMesh®-PRS soft	6) 05 cm x 27 cm	PV350527F1	BX = 1 piece



VI046xx	DynaMesh®-PRS - Animation: Colposacropexy https://de.dyna-mesh.com/Vi046xx	
VI048xx	DynaMesh®-PRS - Animation: Colposacropexy https://de.dyna-mesh.com/Vi048xx	
VI067xx	DynaMesh® MRI - Animation: MRI Reconstruction with DynaMesh®-PRS visible https://de.dyna-mesh.com/Vi067xx	

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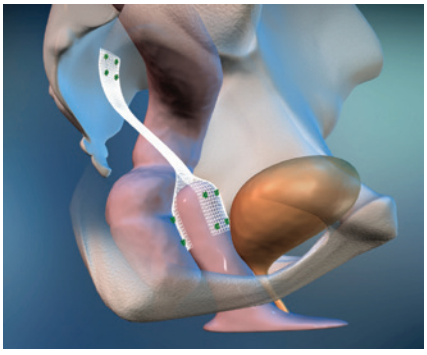
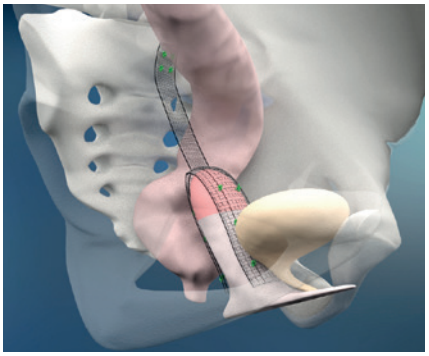
Use and Properties

Product	DynaMesh®-PRS soft 02 cm x 16 cm (1) 03 cm x 23 cm (2) 05 cm x 27 cm (6)	DynaMesh®-PRS visible 03 cm x 23 cm (3) 3.3 cm x 24 cm (4) 04 cm x 20 cm (5)
Field of application	vaginal/cervical stump prolapse, concomitant cystocele/rectocele	
Surgical access	laparoscopic / open	
Surgical technique	colposacropexy / cervicosacropexy unilateral	
Fixation on vagina / cervix	sutures	
Fixation on sacrum	sutures / tacks	
Specially Warp-knitted Selvedges	●	
Shape stability	●	
Defined elasticity	●	
Visible technology	○ (1,2,6)	● (3,4,5)
Polymer (monofilament)	PVDF	
Biocompatibility	●	
Ageing resistance	●	
Dynamometry	●	
Tear propagation resistance	●	
Classification (Klinge's classification [8])	1a	

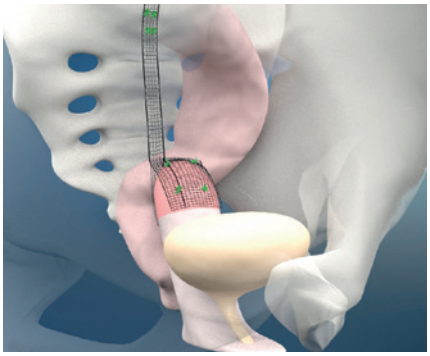
Application Examples:



Colpo-/cervicosacropexy
- unilateral



Colpo-/cervicosacropexy
- unilateral
- anterior/posterior mesh plasty (for concomitant cystocele/rectocele)



Colpo-/cervicosacropexy
- unilateral

● Applies to all product sizes
○ Does not apply

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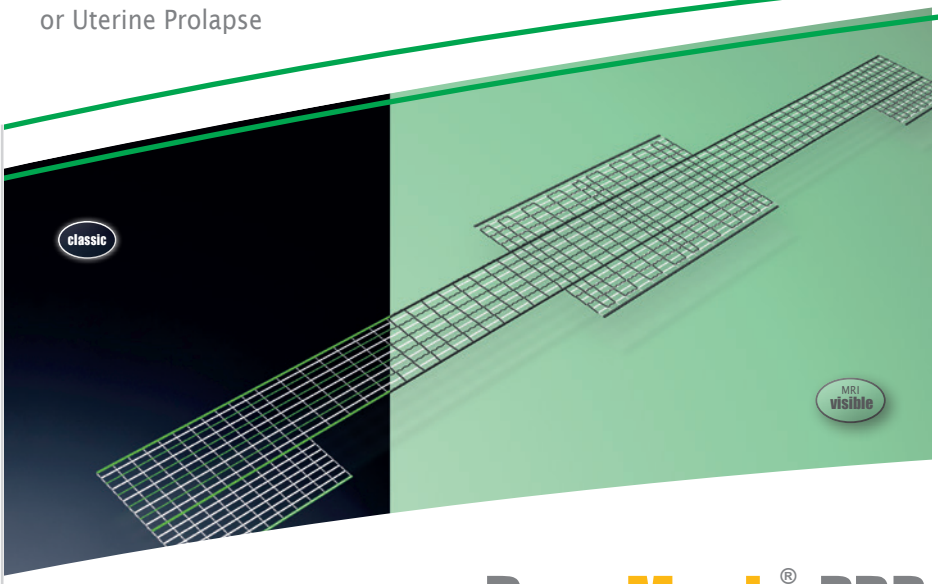
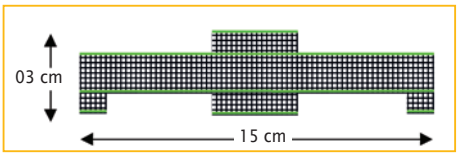
Female Pelvic Organ Prolapse
Vaginal/Cervical Stump Prolapse
or Uterine Prolapse



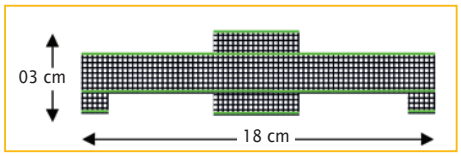
DynaMesh®-PRP implants have been specially developed for pelvic floor reconstruction, in laparoscopic or open surgical technique, and serve to support and stabilise fascial structures, connective tissue and ligaments.
The implants are used in the surgical treatment of a prolapse of the vaginal/ cervical stump or uterine prolapse in the pectopexy technique.

DynaMesh®-PRP

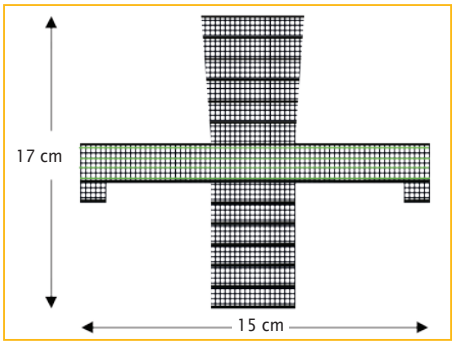
DynaMesh®-PRP soft	[1] 03 cm x 15 cm	PV540315F1	BX = 1 piece
	[1] 03 cm x 15 cm	PV540315F3	BX = 3 pieces
DynaMesh®-PRP visible	[2] 03 cm x 15 cm	PV780315F1	BX = 1 piece



DynaMesh®-PRP visible	[3] 03 cm x 18 cm	PV780318F1	BX = 1 piece
		PV780318F3	BX = 3 pieces



DynaMesh®-PRP visible	[4] 17 cm x 15 cm	PV781715F1	BX = 1 piece
		PV781715F3	BX = 3 pieces



VI042xx	DynaMesh®-PRP - Animation: Pectopexy *https://de.dyna-mesh.com/Vi042xx*	
VI061xx	DynaMesh®-PRP - Animation: Hysteropectopexy - Anterior Fixation *https://de.dyna-mesh.com/Vi061xx*	
VI053xx	DynaMesh®-PRP - Animation: Hysteropectopexy - Posterior Fixation *https://de.dyna-mesh.com/Vi053xx*	
VI054xx	DynaMesh®-PRP - Animation: Pectopexy with Anterior & Posterior Mesh Repair *https://de.dyna-mesh.com/Vi054xx*	
VI069xx	DynaMesh® MRI - Animation: MRI Reconstruction with DynaMesh®-PRP visible *https://de.dyna-mesh.com/Vi069xx*	

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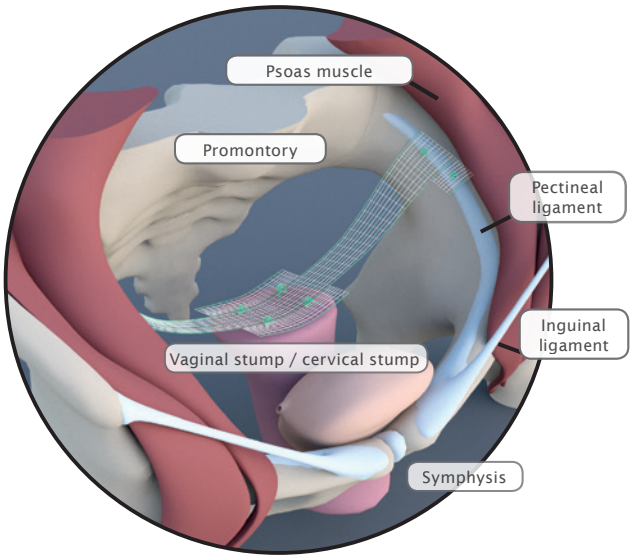
Female Pelvic Organ Prolapse

Vaginal/Cervical Stump Prolapse
or Uterine Prolapse

DynaMesh®-PRP

Use and Properties

Product	DynaMesh®-PRP soft (1) / visible (2) 03 cm x 15 cm	DynaMesh®-PRP visible 03 cm x 18 cm (3)	DynaMesh®-PRP visible 17 cm x 15 cm (4)
Field of application	vaginal/cervical stump or uterine prolapse	vaginal stump or uterine prolapse	vaginal/cervical stump prolapse, concomitant cystocele/rectocele
Surgical access	laparoscopic / open		
Surgical technique	pectopexy bilateral		
Fixation on vagina / cervix	sutures		
Fixation on pectineal ligament	sutures		
Specially Warp-knitted Selvedges	●		
Shape stability	●		
Defined elasticity	●		
Visible technology	○ (1) / ● (2)	● (3,4)	
Polymer (monofilament)	PVDF		
Biocompatibility	●		
Ageing resistance	●		
Dynamometry	●		
Tear propagation resistance	●		
Classification (Klinge's classification [8])	1a		



Pectopexy

Bilateral Fixation on the Pectineal Ligament

Fig. left:
Apical mesh repair following hysterectomy with **DynaMesh®-PRP soft / visible** (03 cm x 15 cm)

● Applies to all product sizes
○ Does not apply

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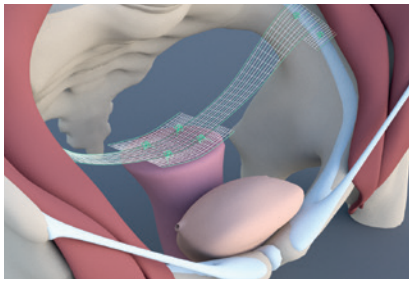
20.06.02.

Female Pelvic Organ Prolapse

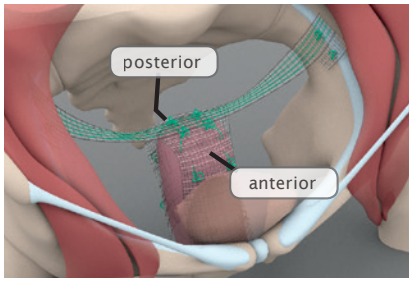
Vaginal/Cervical Stump Prolapse or Uterine Prolapse

DynaMesh®-PRP



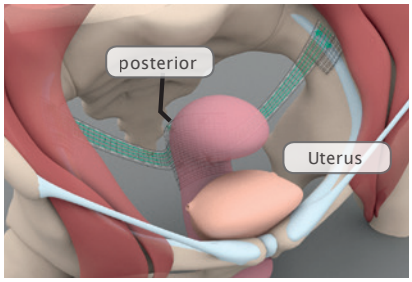
Pectopexy after vaginal/cervical prolapse:

- Two implant sizes are available in the following dimensions **DynaMesh®-PRP soft / visible 03 cm x 15 cm** and **DynaMesh®-PRP visible 03 cm x 18 cm**.
- With greatly shortened vaginas, e.g., following a radical hysterectomy, **DynaMesh®-PRP visible 03 cm x 18 cm** can be optionally used.



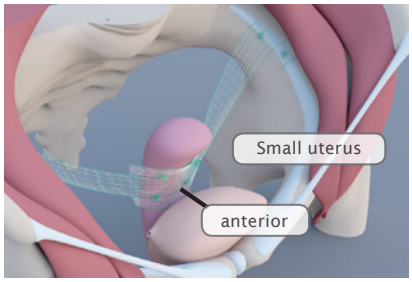
Pectopexy after vaginal/cervical prolapse with concomitant cystocele and/or rectocele: (pulsion cystocele / rectocele)

- Additional stabilisation of the affected vaginal wall can be achieved with **DynaMesh®-PRP visible 17 cm x 15 cm.**



Pectopexy after uterine prolapse with uterine preservation:

- With a normal sized uterus, **DynaMesh®-PRP visible 03 cm x 18 cm** should be used and fixed in place on the posterior cervix.



Pectopexy after uterine prolapse with uterine preservation:

- With smaller uteri (below 100 g), anterior fixation of **DynaMesh®-PRP soft / visible 03 cm x 15 cm** can be selected as an alternative.

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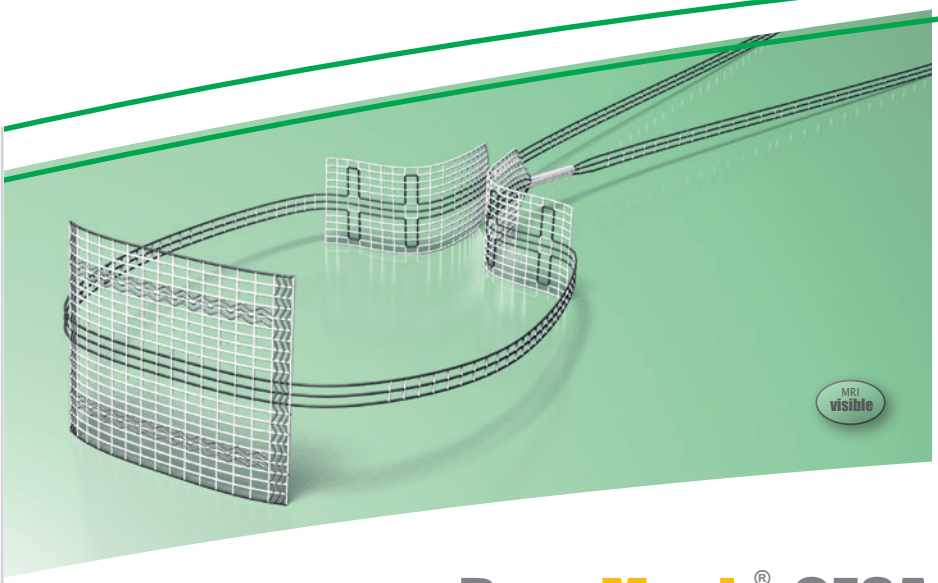
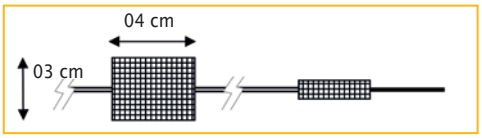


DynaMesh®-CESA implants have been specially developed for pelvic floor reconstruction, and particularly for reinforcing or replacing the uterosacral ligaments, in laparoscopic or open surgical technique.
The implants are used in the treatment of a prolapse of the internal genitalia, such as a cervical stump prolapse.

DynaMesh®-CESA

DynaMesh®-CESA	03 cm x 04 cm	PV740404F1	BX = 1 piece
		PV740404F3	BX = 3 pieces



Use and Properties

Product	DynaMesh®-CESA
Field of application	cervical stump prolapse
Surgical access	laparoscopic / open
Surgical technique	cervicosacropexy (CESA) bilateral
Fixation on cervical stump	sutures
Fixation on sacrum	sutures / tacks
Specially Warp-knitted Selvedges	●
Shape stability	●
Defined elasticity	●
Visible technology	●
Polymer (monofilament)	PVDF
Biocompatibility	●
Ageing resistance	●
Dynamometry	●
Tear propagation resistance	●
Classification (Klinge's classification [8])	1a

● Applies to all product sizes

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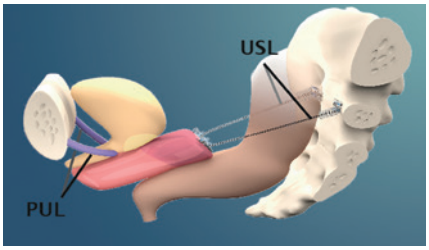
DynaMesh®-CESA



DynaMesh®-CESA
(**CE**rvico-**SA**cropexy)

The surgical technique CESA is a modified abdominal cervicosacropexy procedure (laparoscopic/open), in which the uterosacral ligaments are bilaterally reinforced or replaced by the implant.

DynaMesh®-IVT02 instrument for **DynaMesh®-CESA** in retroperitoneal tape position through laparotomic access.
Reusable instrument made of surgical steel.
Length: 32 cm

- Extraperitoneal tunnelling
- Anatomically adapted to the pelvis
- Eyelet on instrument tip with slanted, atraumatic edges
- Use in laparoscopy
- Reusable instrument

VI094xx	DynaMesh®-CESA - Animation: Cervicosacropexy - Bilateral Fixation - Level Promontory *https://de.dyna-mesh.com/Vi094xx*	
VI084xx	DynaMesh®-CESA - Animation: Cervicosacropexy - Bilateral Fixation - Level S2 *https://de.dyna-mesh.com/Vi084xx*	

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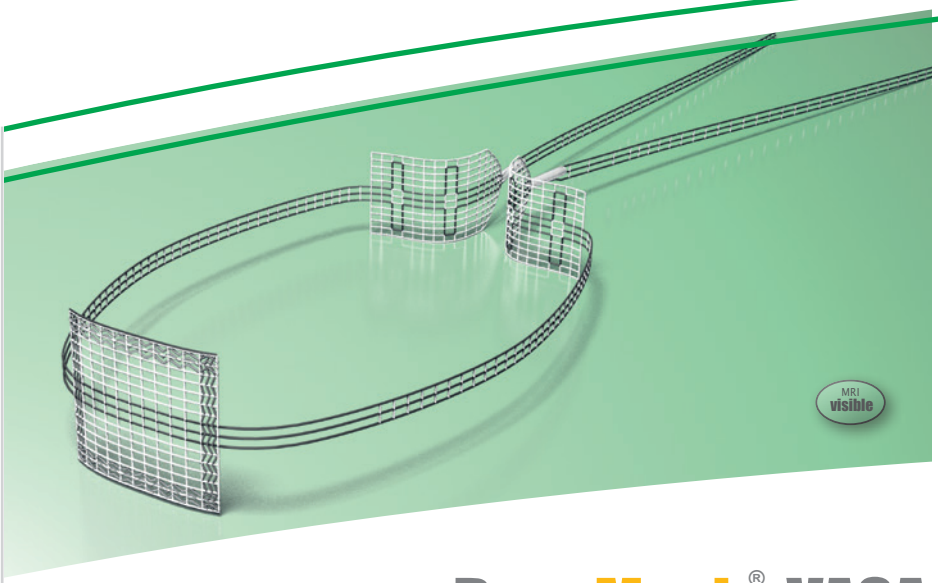
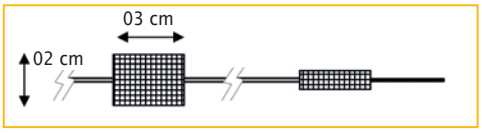


DynaMesh®-VASA implants have been specially developed for pelvic floor reconstruction, and particularly for reinforcing or replacing the uterosacral ligaments, in laparoscopic or open surgical technique.
The implants are used in the treatment of a prolapse of the internal genitalia, such as a vaginal stump prolapse.

DynaMesh®-VASA

DynaMesh®-VASA	02 cm x 03 cm	PV740203F1	BX = 1 piece
		PV740203F3	BX = 3 pieces



Use and Properties

Product	DynaMesh®-VASA
Field of application	vaginal stump prolapse
Surgical access	laparoscopic / open
Surgical technique	colposacropexy (VASA) bilateral
Fixation on vaginal stump	sutures
Fixation on sacrum	sutures / tacks
Specially Warp-knitted Selvedges	●
Shape stability	●
Defined elasticity	●
Visible technology	●
Polymer (monofilament)	PVDF
Biocompatibility	●
Ageing resistance	●
Dynamometry	●
Tear propagation resistance	●
Classification (Klinge's classification [8])	1a

● Applies to all product sizes

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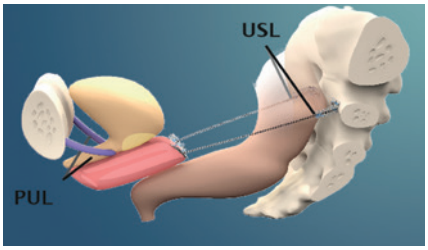
DynaMesh®-VASA



DynaMesh®-VASA
(**VA**gino-**SA**cropexy)

The surgical technique VASA is a modified abdominal colposacropexy procedure (laparoscopic/open), in which the uterosacral ligaments are bilaterally reinforced or replaced by the implant.

DynaMesh®-IVT02 instrument for **DynaMesh®-VASA** in retroperitoneal tape position through laparotomic access.
Reusable instrument made of surgical steel.
Length: 32 cm

- Extraperitoneal tunnelling
- Anatomically adapted to the pelvis
- Eyelet on instrument tip with slanted, atraumatic edges
- Use in laparoscopy
- Reusable instrument

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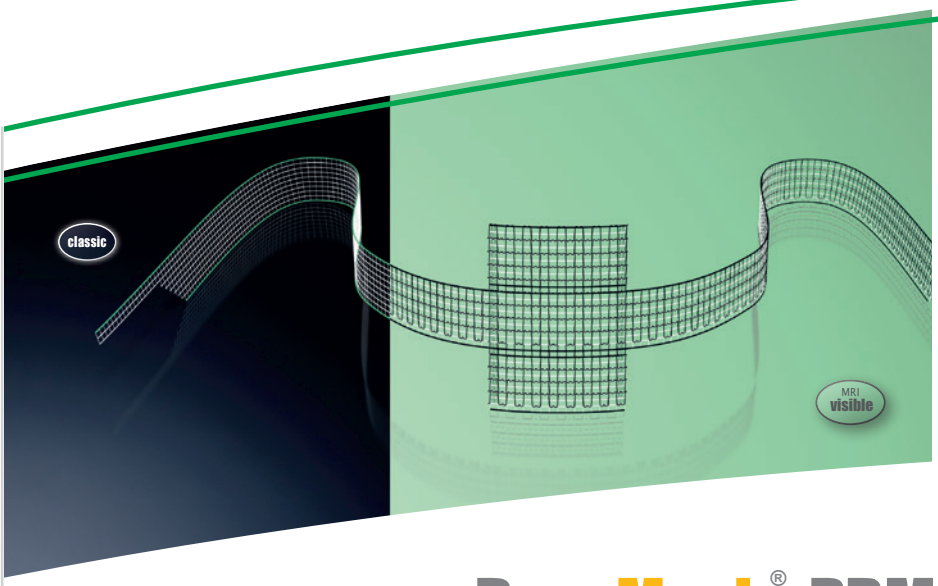
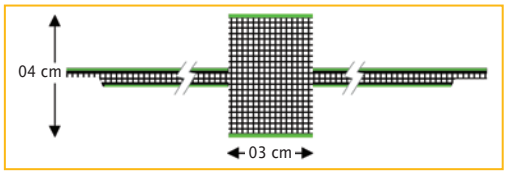


DynaMesh®-PRM implants are used to support and stabilise connective tissue structures and ligaments. Common applications are suburethral slings for treating male stress urinary incontinence.

DynaMesh®-PRM

DynaMesh®-PRM	04 cm x 03 cm	PV330453F1	BX = 1 piece
DynaMesh®-PRM visible	04 cm x 03 cm	PV730453F1	BX = 1 piece



Use and Properties

Product	DynaMesh®-PRM	DynaMesh®-PRM visible
Field of application	stress urinary incontinence (SUI)	
Surgical access	perineal	
Surgical technique	Male Sling TOT - transobturator - outside-in	
Fixation	synthetic adhesives / sutures	
Specially Warp-knitted Selvedges	●	
Shape stability	●	
Defined elasticity	●	
Visible technology	○	●
Polymer (monofilament)	PVDF	
Biocompatibility	●	
Ageing resistance	●	
Dynamometry	●	
Tear propagation resistance	●	
Classification (Klinge's classification [8])	1a	

● Applies to all product sizes
○ Does not apply

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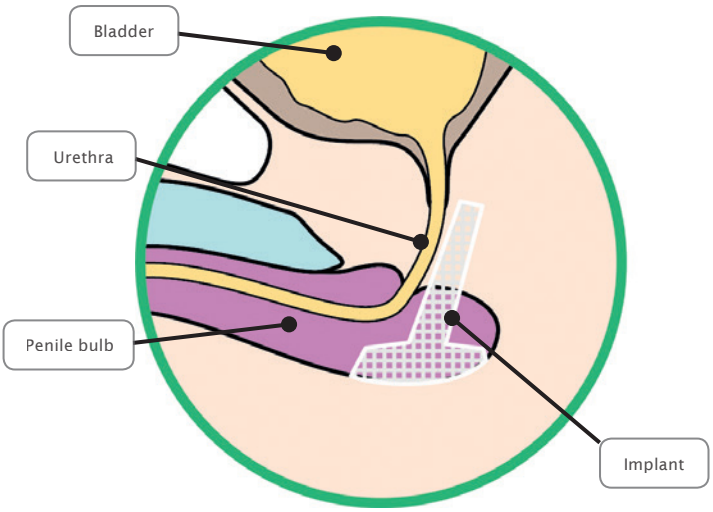
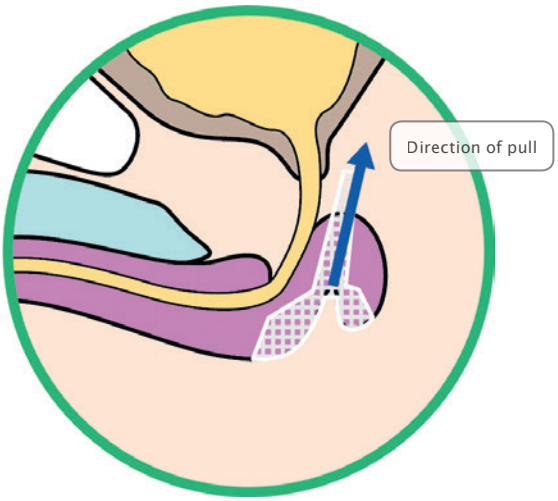
Application of the implant through perineal access
Transobturator position





DynaMesh®-IST03
Diameter: 5 cm

DynaMesh®-IST02
Diameter: 7 cm

DynaMesh®-IST03/-IST02:
Instrument set consisting of two instruments (right and left side) for transobturator positioning using the outside-in technique.

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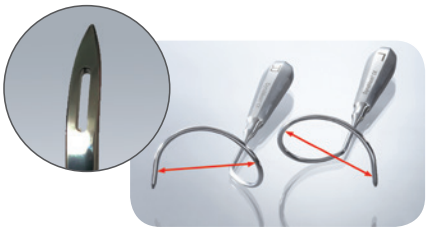
Reusable Instruments

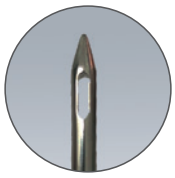
Manufactured from surgical steel (resterilisable)

For **transobturator** application

DynaMesh®-IST03
Surgical instrument
Diameter: 5 cm
IST03F1
BX = 1 set (l+r)



DynaMesh®-IST01
Surgical instrument
Diameter: 6 cm
IST01F1
BX = 1 set (l+r)

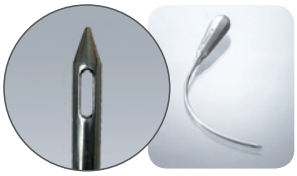


DynaMesh®-IST02
Surgical instrument
Diameter: 7 cm
IST02F1
BX = 1 set (l+r)

DynaMesh®-IVT01
Surgical instrument
IVT01F1
BX = 1 piece

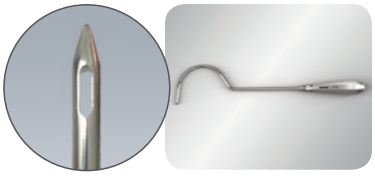
For **retropubic** application

DynaMesh®-ISR01
Surgical instrument
ISR01F1
BX = 1 piece



For **laparotomical** application
of DynaMesh®-CESA/-VASA

DynaMesh®-IVT02
Surgical instrument
IVT02F1
BX = 1 piece



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DynaMesh® visible

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DynaMesh®-PR / -PRR

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Female Pelvic Organ Prolapse

DynaMesh®-PRS

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Female Pelvic Organ Prolapse

DynaMesh®-PRP

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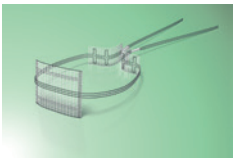

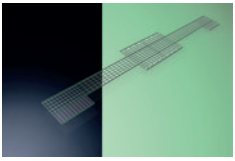

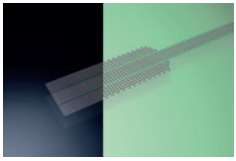

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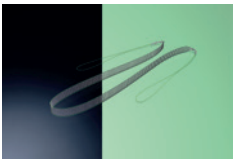

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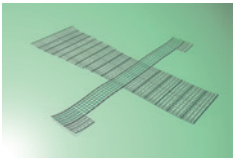

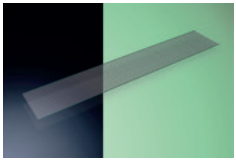

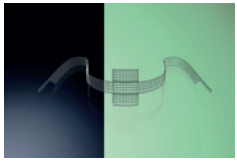

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