The worldwide unique mesh implants for urogynaecology made from PVDF.

Superior material: 100% monofilament polyvinylidene fluoride
High form stability and defined elasticity
No rolling in
High effective porosity
Atraumatic implant selvedges
Optimal handling in all common surgery techniques

www.dyna-mesh.com
The special DynaMesh®-SIS structures have been developed for the treatment of female stress urinary incontinence.

DynaMesh®-SIS and DynaMesh®-SIS direct serve to reinforce common tissue structures and-Apr. Common applications are tension-free suburethral sling operations via retrosymphysary or transobturatoric approach. DynaMesh®-SIS direct offers minimum tissue traumatisation combined with optimal fixation because of its ingenious technique copied from nature: the burr. DynaMesh®-SIS direct is placed minimally invasive. After implantation from nature: the burr.

DynaMesh®-SIS direct enables a simple and atraumatic thread selection in and adjustment without irritating the surrounding tissue (no "saw teeth"). All DynaMesh®-SIS and -PR implants are not out loose for a millisecond. For the reason the smooth selfedges ensure a simple and atraumatic thread in self-adjustment without irritating the surrounding tissue (no "saw teeth").

The optimal warp knitted structure of DynaMesh® leads to high effective porosity. This assures an excellent incorporation into the connective tissue and permanently reduces foreign body reaction. The danger of seeping (scar tissue formation) is minimal. The dynamometry is exactly adjusted to the anatomical structures and to shrink minimally. At defined elasticity, they are stable enough to perfectly strengthen the fields of application. At defined elasticity, they are stable enough to perfectly strengthen the anatomical structures and to shrink minimally.

No rolling in with DynaMesh®-SIS: High form stability and defined elasticity

The special DynaMesh®-SIS structures have been developed for the treatment of female stress urinary incontinence.

Our products are the worldwide unique mesh implants for urologic and colorectal surgery. In comparison to conventional polymer PVDF offers the following advantages:

- excellent biocompatibility
- 100% material purity (no additives, no coatings)
- excellent ageing resistance
- no rolling in (no additives, no coatings)

Due to these characteristics DynaMesh® implants guarantee an ideal tissue integration, less foreign body reaction and an excellently stabilization of the anatomical defect. Additionally, the risk of erosion, inflammation, fibrosis and haematoma is significantly reduced.

Atraumatic implant selfedges

All DynaMesh®-SIS and -PR implants are not out loose for a millisecond. For the reason the smooth selfedges ensure a simple and atraumatic thread in self-adjustment without irritating the surrounding tissue (no "saw teeth").

High effective porosity

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High effective porosity
The specific DynaMesh®-SIS structures have been developed for the treatment of female stress urinary incontinence.

DynaMesh®-SIS and DynaMesh®-SIS direct aim to reinforce connective tissue structures and ligaments. Common applications are tension-free suburethral sling operations, trans-obturatoric or trans-symphysary approach.

DynaMesh®-SIS-mesor offers minimum tissue traumaisation combined with optimal fixation because of its ingenious technique copied from nature: the burr. DynaMesh®-SIS-mesor is placed intrinsically. After insertion the self-adhering surface adheres without additional fixation devices, supporting quick recovery of the patient with a minimum of postoperative pain.

Optimal Textile Construction

DynaMesh® implants convince by their highly developed textile structure.

Ultrasound and magnetic resonance probes:

- **DynaMesh®-SIS**: Trans-obturatoric Retrosymphysary
- **DynaMesh®-SIS direct**: Trans-obturatoric Retrosymphysary
- **DynaMesh®-SIS-mesor**: Suburethral

**Optimal Textile Structure**

**DynaMesh® implants** convince by their highly developed textile structure.

**DynaMesh®-SIS** and **-PR implants** are not out for a firm fit. For this reason the smooth selfedges ensure a simple and atraumatic thread in pre-adjustment without irritating the surrounding tissue (no “saw teeth”).

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- **DynaMesh®-SIS-mesor**: Suburethral

**No rolling in with DynaMesh®-SIS**

High form stability and defined elasticity

The dynamicometry is exactly adjusted to the fields of application. At defined elasticity, they are stable enough to perfectly strengthen the anatomical structures and to shrink minimally.

Especially under tension the high effective porosity prevents the mesh only stretching (in a defined way) lengthwise while width does not change.

- **Sacrocolpopexy**
- **SIS**
- **Posterior sling plasty**
- **Suburethral**
- **Retrosymphysary**
- **Transobturatoric**

**Excellent Material**

- **100% material purity**
- **Superior ageing resistance**
- **Excellent biocompatibility**
- **100% material purity**
- **No additives, no cooling**

Due to these characteristics DynaMesh® implants guarantee an ideal tissue reaction, less foreign body reaction and an exciting stabilization of the anatomical structure. Additionally, the risk of erosion, inflammation, fibrosis and haematoma is significantly reduced.
The optimal warp knitted structure of DynaMesh leads to high effective porosity. This ensures an excellent incorporation into tissue considerably reduces foreign body reaction. Even the danger of extrusion (local tissue reaction) is minimal.¹

Due to these characteristics DynaMesh implants guarantee an ideal tissue integration, less foreign body reaction and an enduring stabilisation of anatomical structures.

No rolling in with DynaMesh-SIS

All DynaMesh-SIS and -SI implants are not cut for implantation. This ensures the smooth implant selvedges ensure a simple andatraumatic thread in and adjustment without irritating the surrounding tissue (no "saw teeth").

Atraumatic implant selvedges

DynaMesh-SIS implants convince by their highly developed textile structure.

Optimal Textile Construction

DynaMesh implants convince by their highly developed textile structure.

Uterus and vaginal/broad pouch prolapse:

- Rectovaginal mesh plasty

- Transvaginal mesh plasty

- Sacrocolpopexy

- Retrosymphysary or transobturatoric approach.

Common applications are tension-free suburethral sling operations to reinforce connective tissue structures and ligaments. DynaMesh-SIS minor offers minimum tissue irritation combined with optimal fixation because of its ingenious technique copied from nature: the burn. DynaMesh-SIS minor is placed extremely invasive. After incision the self-retracting surface reduces without additional fixation elements, supporting quick recovery of the patient with a minimum of postoperative pain.

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References:
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Delivery Program

Reusable Instruments:
Made from medical grade stainless steel

Reuseable Instruments:

Mesh implants for pelvic floor surgery
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**Fabrication:**

FEG Textiltechnik
Forschungs- und Entwicklungsgesellschaft mbH
D-52070 Aachen, Germany
Tel.: +49-(0)241-18 92 37 40
Fax: +49-(0)241-18 92 37 459
E-mail: dyna-mesh@feg-textiltechnik.de

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