Titanised mesh implants for urogynaecology
› Transvaginal multi-arm meshes
› Incontinence tapes
› Instruments
› Laparoscopic meshes

www.pfmmedical.com
Treatment of genital prolapse with TiLOOP® multi-arm meshes

Surgical treatment with mesh implants can be discussed if your patients have a severe or recurrent prolapse, high psychological strain or a high demand for anatomically stable repair. TiLOOP® transvaginal meshes are particularly suitable for pelvic floor reconstruction.

› Improved quality of life¹,²
› Anatomically excellent reconstruction²
› Low relapse rate¹
› Possibility of total repair

General Benefits

Improved quality of life
In one of the most comprehensive prospective studies in the area of pelvic floor reconstruction using transvaginal mesh implants (n = 292), a significant permanent improvement in the quality of life, particularly with regard to the much-discussed topic of sexuality, was demonstrated by the previous product.¹,² More on the study: www.pfmmedical.com/tiloop-t6-study

Safe and guideline-based
As a 6-arm mesh, with additional apical fixation in the sacrospinal ligaments, the TiLOOP® PRO PLUS A offers a safe, guideline-based descensus therapy.³

Reduced risk of inflammation
Compared to simple polypropylene, the hydrophilic, titanised surface represents a lower risk of inflammation – and therefore less scar formation.⁴

By urogynaecologists, for urogynaecologists
All TiLOOP® mesh implants were developed together with urogynaecologists and are 100% “Made in Germany”.

Unique PLUS-System
With the PLUS-System, which consists of a catheter and snares, the mesh arms can be positionedatraumatically and adjusted bi-directionally: the best prerequisites for tension and fold-free insertion of the mesh.

TiLOOP® Instruments PLUS
Snare
Catheter

www.pfmmedical.com/meshvideos
In addition to the skills of the surgeon, the quality of the mesh material determines the quality of a lasting and anatomically stable descensus repair. TiLOOP® mesh implants are made of Type 1a polypropylene mesh (macroporous & monofilament) with a titanised, hydrophilic surface.

Compared to simple polypropylene, this offers a number of advantages, which are already known in the use of titanised mesh implants for hernia surgery, such as:

- better cell growth
- lower risk of inflammation
- less scarring
- less shrinkage of the mesh

**Higher cell vitality through titanisation**

![Graph showing increased cell vitality through polypropylene surface titanisation](Lehle et al. FORBIOMAT II. 2002, 149-153)
The TiLOOP® PRO PLUS A Transvaginal Descensus Repair System is suitable for the anterior elevation of the pelvic floor (cystocele; vaginal prolaps). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

### Dimensions

- Arcus tendineus
- Ligamentum sacrospinale

### Technical Data

- Titanised type 1a polypropylene mesh
- Pore size: 3 mm
- Weight: 24 g/m²
- Needle to be ordered separately:
  TiLOOP® Instruments PLUS (REF 6000964)

### Ordering Information

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**TiLOOP® PRO PLUS Posterior**

The TiLOOP® PRO PLUS P Transvaginal Descensus Repair System is suitable for the posterior elevation of the pelvic floor (rectocele or enterocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

**View**

**Dimensions**

**Technical Data**

- Titanised type 1a polypropylene mesh
- Pore size: 3 mm
- Weight: 24 g/m²
- Needle to be ordered separately:
  TiLOOP® Instruments PLUS (REF 6000964)

**Ordering Information**

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**TiLOOP® PRO PLUS Total**

The TiLOOP® PRO PLUS T Transvaginal Descensus Repair System is suitable for the total elevation of the pelvic floor in total pelvic organ prolapse. The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

### Ordering Information

**TiLOOP® PRO PLUS Total**

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### Dimensions

- 71 mm
- 52 mm

**Technical Data**

- *Titanised type 1a polypropylene mesh*
- *Pore size:* 3 mm
- *Weight:* 24 g/m²
- **Needle to be ordered separately:**
  - TiLOOP® Instruments PLUS (REF 6000964)

### View

3 mm Pore

**Transvaginal Multi-Arm Meshes**
The TiLOOP® Total 6 transvaginal 6-arm mesh is suitable for both anterior (cystocele, vaginal prolapse) and posterior defects (enterocele, rectocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

**Dimensions**

**Technical Data**

- **Titanised type 1A polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

### Ordering Information

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TiLOOP® Total 4

The TiLOOP® Total 4 transvaginal 4-arm mesh is suitable for both anterior (cystocele, vaginal prolaps) and posterior defects (enterocele, rectocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

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### Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²
- **Needle to be ordered separately:** TiLOOP® Instruments PLUS (REF 6000964)

### Dimensions

![Dimensions Diagram]
Incontinence Tapes

The titanised vaginal tape mesh implants TiLOOP® Tape (high elasticity) and TiLOOP® Ausf. Kompetenz (low elasticity) are used to treat female stress incontinence. They are placed suburethrally and free of tension. Any retropubic/retrosympheseal (TVT) and transobturator (TVT-O) technique can be applied.

Based on the patient, you can choose from two degrees of elasticity: TiLOOP® Tape has a higher elasticity and TiLOOP® Ausf. Kompetenz has a lower elasticity.

**Benefits**

Based on the patient, you can choose from two degrees of elasticity: TiLOOP® Tape has a higher elasticity and TiLOOP® Ausf. Kompetenz has a lower elasticity.

**Technical Data**

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²

**Ordering Information**

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TiLOOP® Instruments

TiLOOP® Instruments are used in the application of urogynaecological TiLOOP® mesh implants for the restoration of urinary continence and defect-specific pelvic floor reconstruction. The instruments are environment friendly - they can be re-sterilised and are supplied non-sterile.

**Ordering Information**

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Overview: pelvic floor reconstruction with laparoscopic TiLOOP® meshes

pfm medical offers a broad range of meshes for laparoscopic or open surgical techniques.

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Titanised Mesh Implants for Urogynaecology

1. C. Fünfgeld et al. Zystozelenkorrektur mit alloplastischen Netzen. Frauenarzt, 56 (2015), Nr. 12, 1068-1073
2. J. Farthmann et al. Improvement of pelvic floor-related quality of life and sexual function after vaginal mesh implanta-
3. DGGG-Leitlinie: Descensus genitalis der Frau. AWMF-Leitlinien-Register Nr. 015/006
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durch plasmaaktivierte Gasphasenabscheidung (PACVD), Abschlussbericht Forschungsverbund “Biomaterialien (FORBIO-
MAT II)”, 149–173, 2002
Res 2004;36:313–317

Contact

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PB4002EN/11.2016