ATOMS
Adjustable Transobturatoric Male System

for Treatment of Post-Postatectomy Incontinence

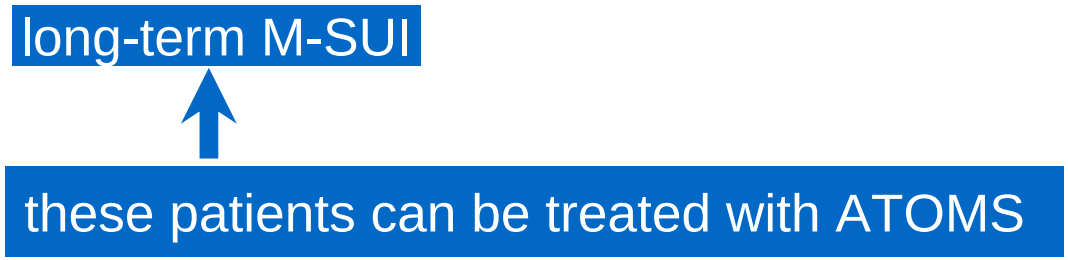
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Male Stress Urinary Incontinence (M-SUI)

> Common result of radical **prostatectomy**

- High percentage of M-SUI after radical prostatectomy
  - with improvement for some patients within 6 months after surgery

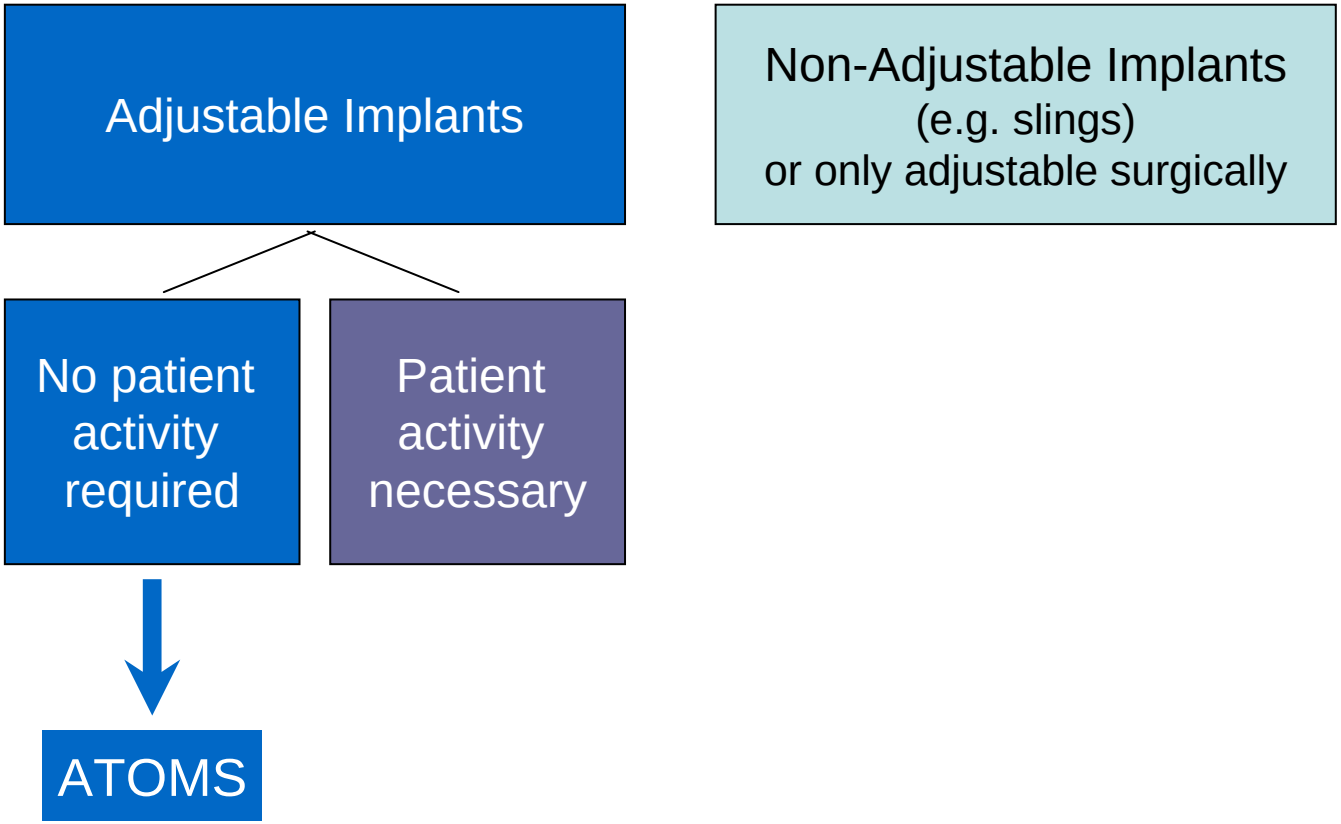
- However, approx. 15% of all patients remain incontinent and have long-term M-SUI after radical prostatectomy*



* Literature reports of long-term M-SUI after radical prostatectomy: between 9% and 60%

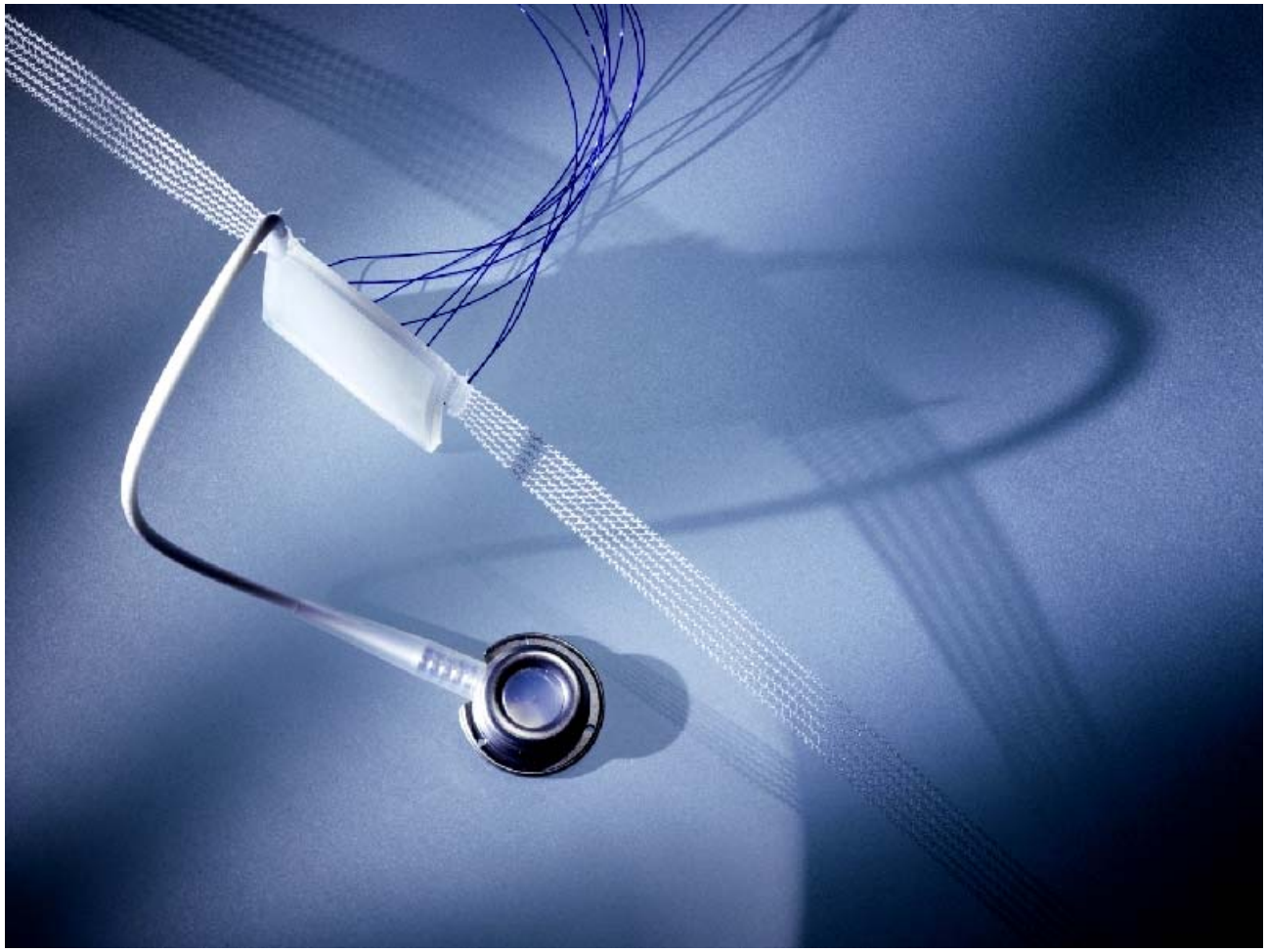
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Treatment Options for Post-Prostatectomy M-SUI



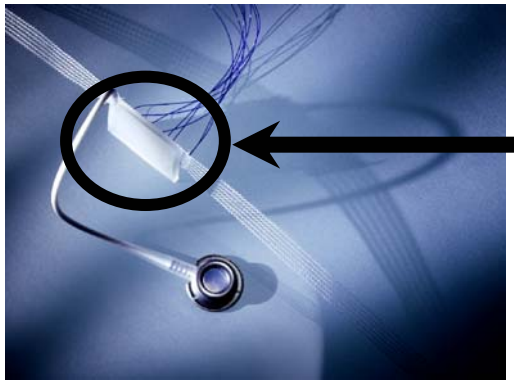
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ATOMS – the Product

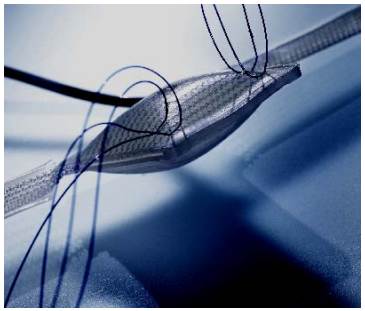


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Deflated Inflated

Adjustable Cushion

> Soft silicone cushion

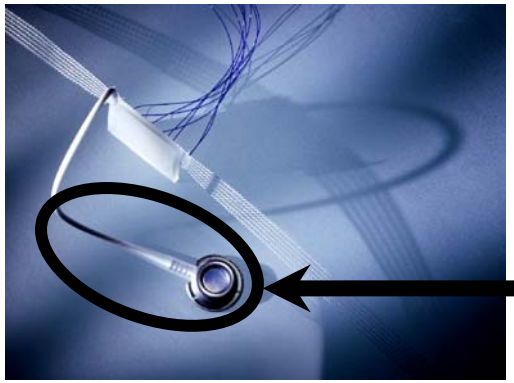
> Includes mesh implant for transobturatoric fixation

> Cushion supports a large part of the urethra
(size of cushion 40 x 45 mm)

> Long-term success of silicone implants

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Port Catheter

Port & Catheter

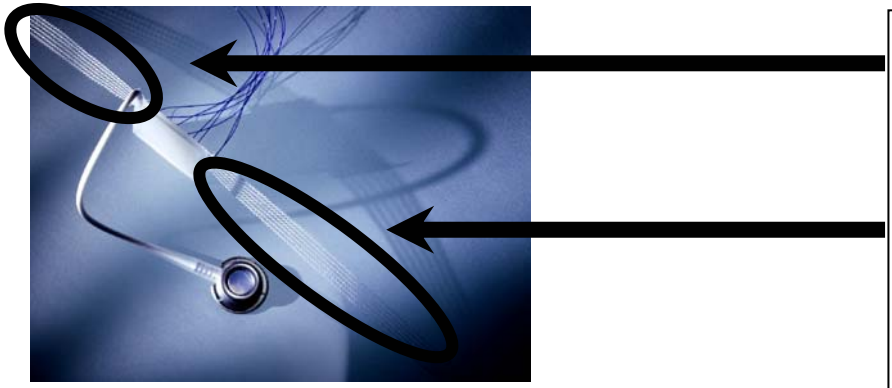
> High-quality titanium port
  - low-profile for higher patient acceptance
  - titanium catheter puncture protection

> Kink-free silicone catheter

> Adjustment of silicone cushion via port
  - during surgery for system test
  - on activation of system approx. 4 weeks after surgery
  - during patient's lifetime

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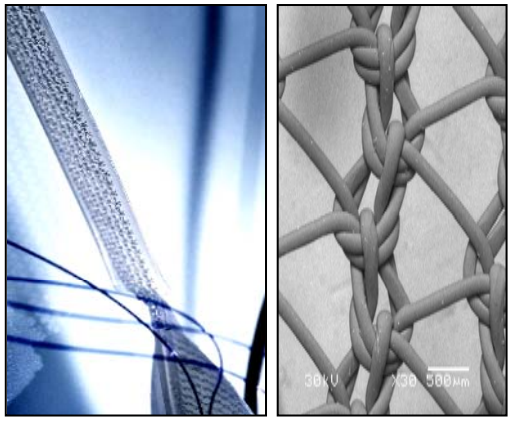
Slings

> Pre-attached to cushion

> Minimal elasticity lengthwise

> Used for many years as tapes for TOT / TVT procedures

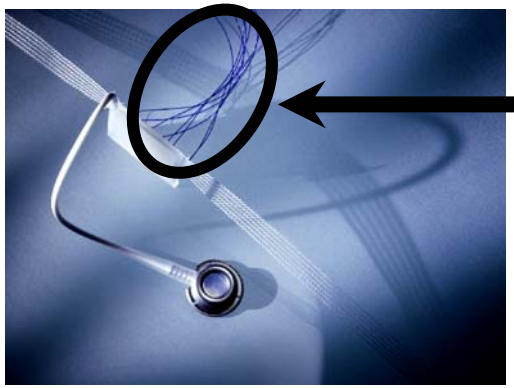
> Made of monofilament polypropylene



Sling

Mesh structure

ATOMS – the Product





Sutures

Sutures

- Pre-attached to cushion
- Used to suture end of slings back onto cushion after transobturatoric sling placement
- Made of polypropylene

Surgical Technique

1. Position the cushion under the urethra
2. Place the transobturatoric sling with a tunneller
   > By means of a tunneller the sling is looped subcutaneously around the obturator foramen
   > Both ends of the sling are sutured back onto the cushion (Similar fixation technique to TOT placement)
3. Position the port subcutaneously in the inguinal area
   > Tunneller is used to enable subcutaneous connection of the port with the cushion
4. Test the functionality of the system
5. Activate the implant (filling with liquid) approx. 4 weeks after surgery

Summary ATOMS

> For all grades of male stress urinary incontinence (M-SUI)

> Pressure on urethra can be adjusted
  - Depending on changing patient requirements (e.g. due to ageing)

> All parts are proven as long-term implants:
  - Titanium port
  - Silicone cushion
  - Slings

> Risk-free procedure

> ATOMS – the cost-effective adjustable treatment for M-SUI



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