SURGICAL MESHES AND DEVICES

SURGIMESH®,
Steps towards progress.

URO-GYNECOLOGICAL SURGERY
Patient comfort is at the heart of our research and product development...

Uro-gynecological reinforcements with exceptional properties.

Combining the control of bio-materials technology and textile know-how, our range of urogynecological reinforcement meshes offers an excellent tissue integration.

Our expertise and the scientific support of our partners allow us to offer devices in total conformity with the surgeons and patient’s expectations.

This guarantees the adaptability and development of specific devices for both laparoscopic and open surgery.

Scientific progress assures better comfort for patients.

Innovative strategy, product technology, quality assurance system and a strong international component: for more than 20 years, Aspide® Médical has been offering all the warranties of a high performance company.

Hundreds of thousands of surgeries have been performed worldwide with SURGIMESH® reinforcements.

Most of all, Aspide® Médical relies on the motivation and competence of its collaborators in order to improve its products & services.
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Prosthetic device for surgical treatment of female stress urinary incontinence SUI (class IIb)

Composition
- 100% monofilament knitted polypropylene.
- 2 available thread diameters 0.10 or 0.15mm

Description
Suburethral sling having in each end a loop allowing its implantation thanks to insertion needles.

Features
Thanks to its weaving and structure, our sling:
- offers an atraumatic* structure: the sides of the sling reduce the risk of erosion
- remains flat even under tension, no rope effect*
- does not release particle*

Range of products including the meshes and surgical tools compatible with every operative technique:
- transobturator route (in out and out-in)
- retropubic route (down-up)

A range of complete packages: mesh + single use needles

Those needles are used to implant medical devices for urologic & gynecologic surgery.

**Single-use kits**
(MD of class IIb provided only in combination with meshes)

**Features**
The material is provided sterile in a single blister package which includes a mesh and its corresponding anatomical needles.

**Advantages:**
- improved products management
- easier traceability
- reduced risk of pathogen transmission

**Reusable needles**
(MD of class I)

**Features**
The material is provided non-sterile. Anatomical needles are reusable, allowing:
- reduced waste
- minimized packaging
Prosthetic device for surgical treatment of prolapses
(class IIb)

PROLAPSE
(vaginal way)

Reproducible surgical treatment of prolapses by vaginal way

Composition
These meshes are made up of 100% monofilament knitted polypropylene
• knitting Ø 0.08mm
• density 27.5 g/m²
• pores size 1.6 x 1.7 mm

Description
Mesh used for prolapse treatment by vaginal route. The mesh arms go through the obturator orifice in case of cystocele 1, and in transgluteal way for a rectocele 2.

Features
• material lightness*
• the interest of light meshes (<35g/m²) lies in the reduction of tissue retraction phenomena*
• the implanted material allows to favor tissue integration* and to decrease* erosion risk
• elasticity*
• knitting specially designed for the treatment of prolapses.

* J. Renaudie, M. Bouzyne et Al, Safety and 12-month results on stage 3-4 cystocele repair by the vaginal route using a light-weight mesh http://dx.doi.org/10.1016/j.purol.2013.01.023.
These needles are used to implant medical devices for urologic & gynecologic surgery.

**Single-use kits**
(MD of class IIb provided only in combination with meshes)

**Features**
The material is provided sterile in a single blister package which includes a mesh and its corresponding anatomical needles.

**Advantages:**
- improved products management
- easier traceability
- reduced risk of pathogen transmission

**Reusable needles**
(MD of class I)

**Features**
The material is provided non-sterile. Anatomical needles are reusable, allowing:
- reduced waste
- minimized packaging
Prosthetic device for surgical treatment of prolapses (class IIb)

Features
• different shapes and materials are available in order to meet every surgeon’s needs
• material lightness*
• mesh can be cut**

Composition
These meshes are available in:
• 100% monofilament knitted polypropylene
• 100% non-knitted, non-woven polypropylene
• 100% polyester.

Description
The mesh is designed to be inserted by abdominal route in laparoscopic surgery. The mesh is fixed on the sacral promontory for a cystocele as well as for a rectocele.

**Only for references G1015L, G1518L and G1620L.
Implantation by mixed route ensures support of the bulb.

Prosthetic device for surgical treatment of male stress urinary incontinence by mixed route (class IIb)

Composition
• 100% monofilament knitted polypropylene
• thread diameter 0.20mm.

Description
Designed to treat male urinary incontinence due to minor to moderate sphincteric insufficiency following prostate resection or prostatectomy.
Both sling and needles are compatible with mixed route technique: pre-pubic + transobturator.

Features
• double stability generated by the mixed route
• a suburethral support thanks to the widened central part of the mesh
• notched arms in order to avoid from sliding back and to preserve tension.
**Surgimesh® Prolapse**

Thibault F et Al.
Sexual function before surgery for pelvic organ prolapse

http://dx.doi.org/10.1016/j.purol.2012.08.266


J. Renaudie, M. Bouziyne et Al.
Safety and 12-month results on stage 3-4 cystocele repair by the vaginal route using a light-weight mesh

http://dx.doi.org/10.1016/j.purol.2013.01.023.


F. Thibault, P. Costa et Al.
Impact of laparoscopic sacrocolpopexy on symptoms, health-related quality of life and sexuality: a medium-term


**Surgimesh® Slings**

Hermieu Jean-Francois et Al.
Treatment of stress urinary incontinence using Surgimesh®SLING, outcome on patient quality of life and sexual activity during a 12-month follow up

Progrès en urologie (2011) Vol.21, 554-561

**Surgimesh® M-Sling**

B. Le Portz et Al.
The mesh for prepubic and transobturator support Surgimesh®M-SLING for incontinence after prostatectomy: clinical results of a prospective evaluation of 86 cases at 1 year.


Complete studies are available on our website

www.aspide.com
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| SURGIMESH® PROLAPSE (COMPLETE PACKAGE INCLUDING SINGLE-USE NEEDLES) |
| V511U4 | x | x |

| SURGIMESH® SLING |
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| VS012-KY        | x | x | x | x |
| VS015-KY        | x | x | x | x |

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SURGIMESH®
URO-GYNECOLOGICAL
SURGERY

SURGIMESH®,
Steps towards progress.

SURGIMESH® is a registered trademark by:

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www.aspide.com

We recommend that practitioners read carefully the instructions for use delivered with each device, before using it. All Aspide® Médical products received the EC0459 mark awarded by LNE/G-MED, French notified certification body.

In order to decrease its environmental impact, ASPIDE® MEDICAL is adopting an eco-friendly policy, using recycled and recyclable materials as much as possible, thus giving equal importance to patients’ well-being and the environment.