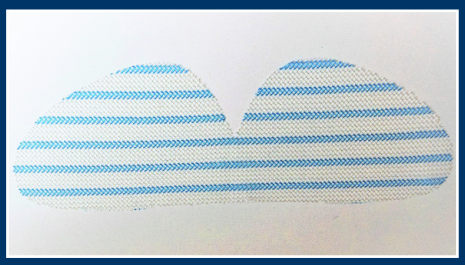
BioCer Entwicklungs-GmbH

balmer medical

TiO2Mesh™

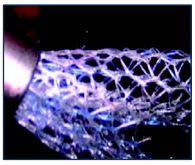
Bilateral GS-Mesh Implant



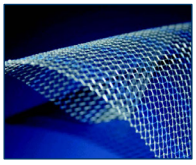
The bilateral GS-Mesh is a surgical mesh implant, which has specifically been developed for the repair of bilateral inguinal hernias. It is the only mesh available on the market for the treatment of this specific condition.
The GS-Mesh allows for the surgery to be carried out without having recourse to overlapping meshes.

The polypropylene fibers are coated with a 100% pure titanium dioxide layer. As a result, the mesh presents an excellent biocompatibility - reaction to foreign bodies and complications are thus substantially reduced.

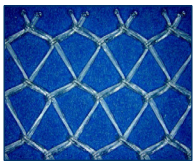
Overview of additional benefits



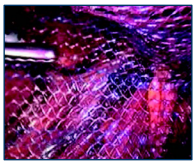
Self-unfolding
In laparoscopic surgery, the mesh unfolds itself. It therefore allows to reduce the duration of the procedure.



Orientation stripes
Blue orientation stripes facilitate the intra-operative positioning of the mesh.



Large pores (2,8 mm)
The large pore structure guarantees a better visibility & transparency as well as an improved fibroblastic ingrowth & reduced shrinkage.



Self-fixating
The hydrophilic material of the implant allows for excellent mesh adaptation. Furthermore, its special shape prevents it from slipping.

The TiO_2Mesh™ also has the advantage of being very light in weight (45g/m²) and the tensile strength as well as the elasticity are optimal in terms of adaptation to the human body (tensile strength: 55 N/cm).

The mesh is cut to size by laser, making the edges blunt, thus reducing micro traumata, irritation and penetration into vessels and verves.

Product reference

Product no.	Designation	Size	Qty
MFP343	TiO_2Mesh™, bilateral GS-Mesh	30 x 11 cm	1

balmer medical

BALMER MEDICAL SA
Route de Provence 52
CH-1426 Concise
Switzerland
Tel +41 24 436 29 07
Fax +41 24 436 29 08
info@balmermedical.ch
www.balmermedical.ch

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