Mammary Expanders®

SublimeLine® POLYtxt®

Silicone-shell mammary expanders with textured surface and a remote or integrated valve

Implants made by POLYTECH – QUALITY made in Germany
Mammary expanders

Product description
Mammary expanders are used for expansion of the breast tissue after mastectomy or ablato mammae to prepare the reconstruction of the breast. The expanders Même®, Replicon®, Optimam® and Opticon® are perfectly adapted to the mammary implants of the Modular System and Sublime Line® and expand the skin tissue in an optimal way. All expanders are available in several sizes and have a reinforced inner base to increase stability and to support the directed expansion.

Anatomically shaped mammary expanders improve the aesthetic result of the reconstructed breast. The Opticon® Expander with its additional reinforcement on the front particularly supports the expansion of the lower part of the breast.

Information on Materials
Mammary expanders either have an integrated valve equipped with a permanent magnet or a remote valve. They consist of a silicone-elastomer shell with POLYtxt® textured surface (pore size: ↯ 200–300 μm, Ø 100–400 μm).

After implantation, the use of the magnet finder guarantees an easy localization of the magnet in the integrated valve (Ø 20mm). The cardanic mechanism of the indicator magnet allows for exact determination of the valve position and the correct direction of the injection. The expander will be filled through the valve – which contains a puncture barrier – with physiological (0.9%), sterile, pyrogen-free saline solution using a cannula (Ø ≤ 23G).

Mammary expanders are connected with the remote valve via a tubing system that can be varied in length. All expanders are delivered with a large (Ø 17mm) and a small (Ø 11mm) valve. A metal plate within the valve acts as a puncture barrier.

Production of the expanders is based on a quality management according to ISO 9001 and ISO 13485. All materials used are of implantable medical quality.

Indications
- Temporary expansion of tissue and skin, e.g. for reconstruction after mastectomy or ablato mammae
- Temporary expansion of tissue and skin to correct combined breast and thorax deformities, e.g. Poland Syndrome or pectus excavatum

Important Information
Tissue expanders are delivered sterile and individually packed. One magnet finder is included with each product. Additional magnet finders can be ordered separately and will be delivered individually packed and non-sterile.

WARNING: expanders with integrated magnets are not eligible for patients having pace-makers or patients who need an MRI examination during the implantation period.

Attention: Please note the detailed instructions for use included with each product.