

## BioMed ENT is a biologics company with a focus on innovation and quality:

- Biologics designed for otolaryngologists
- Scientifically based regenerative products
- Highest quality standards
- Customized for optimal handling

### Myringoplasty solutions

During a myringoplasty a regenerative graft is generally required. Where autologous tissue is considered the “golden standard”, it is not always available, and harvesting is oftentimes undesirable.

#### MyringoPatch

The **MyringoPatch** is a biological graft suitable for supporting and providing support to soft tissue (e.g. tympanic membrane) in primary and revision cases. It is made of highly biocompatible allogenic *fascia lata* closely resembling autogenic *temporalis fascia* (“golden standard”). The microscopic structure and composition make this a suitable extracellular matrix which results in cell migration and vascularization. Moreover, the **MyringoPatch** is strong, resistive to post-operative shrinking and warping, which minimizes chances of residual perforations.

#### StemPatch & StemDisc

The **StemPatch** is a grafting material made of amniotic membrane. This versatile membrane can be used as a covering and offer protection from the surrounding environment. It can be transplanted as an overlay procedure, or be used in conjunction with the **MyringoPatch**, sandwiching the tympanic membrane. Providing the patient with optimal conditions for effective regeneration.



## Advantages of MyringoPatch and StemPatch

### Biocompatibility

- Highly biocompatible
- Extra-cellular matrix
- Versatile use
- Remodels into native tissue

### One operating site

- No second incision
- Saves operating time
- Predictable outcomes
- Patient friendly
- No comorbidity

### Handling

- Off-the-shelve usage
- No preparation time
- Consistent quality

## Surgical application

The **MyringoPatch** should be properly hydrated which makes it flexible. Once it is transplanted underneath the perforated tympanic membrane, it maintains its strength and durability until it sufficiently integrates.

The **StemPatch** will be sufficiently hydrated by moisture surrounding the perforation. It is therefore important to keep the graft dry until it comes in contact with the tympanic membrane. Wetting makes the **StemPatch** highly adhesive. This ensures the fixation of the graft onto the desired location, resisting migration and thus decreasing the chance of residual perforations.

Description	Product code	Size	Thickness
MyringoPatch (M)	BE1010FD	Ø 10 mm	0.2 mm
MyringoPatch (L)	BE1016FD	Ø 16 mm	0.2 mm
MyringoPatch (XL)	BE1030FD	30 x 25 mm	0.2 mm
StemPatch (L)	BE2120FD	20x10 mm	0.1 mm
StemPatch (XL)	BE2060FD	30x20 mm	0.1 mm