

Tissue Expander Pin 0.24 ml

Hydrogel implant for permanent tissue augmentation



| Introduction: Self-inflation by osmotic principle

osmed self-inflating tissue expanders are made of a specially developed hydrogel that uses the osmotic principle to gain volume.

Before expansion, osmed hydrogel expanders are small and hard and are easy to handle. After implantation, osmed hydrogel expanders absorb body fluid and grow consistently to their predefined form and size. The increased volume of the implant leads to an increase of soft tissue.

General advantages of osmed tissue expanders are: safe material, low complication rate, low risk of infection, small incision, minimal trauma and short surgical time; controlled swelling without pressure peaks. A short surgical time reduces post-operative pain and saves costs.

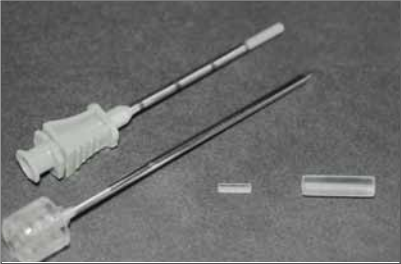
| Indications for use

- ⤿ Anophthalmia
- ⤿ Tissue augmentation
- ⤿ Reconstruction of small deformities - e. g. Kallmann syndrome

| Special advantages

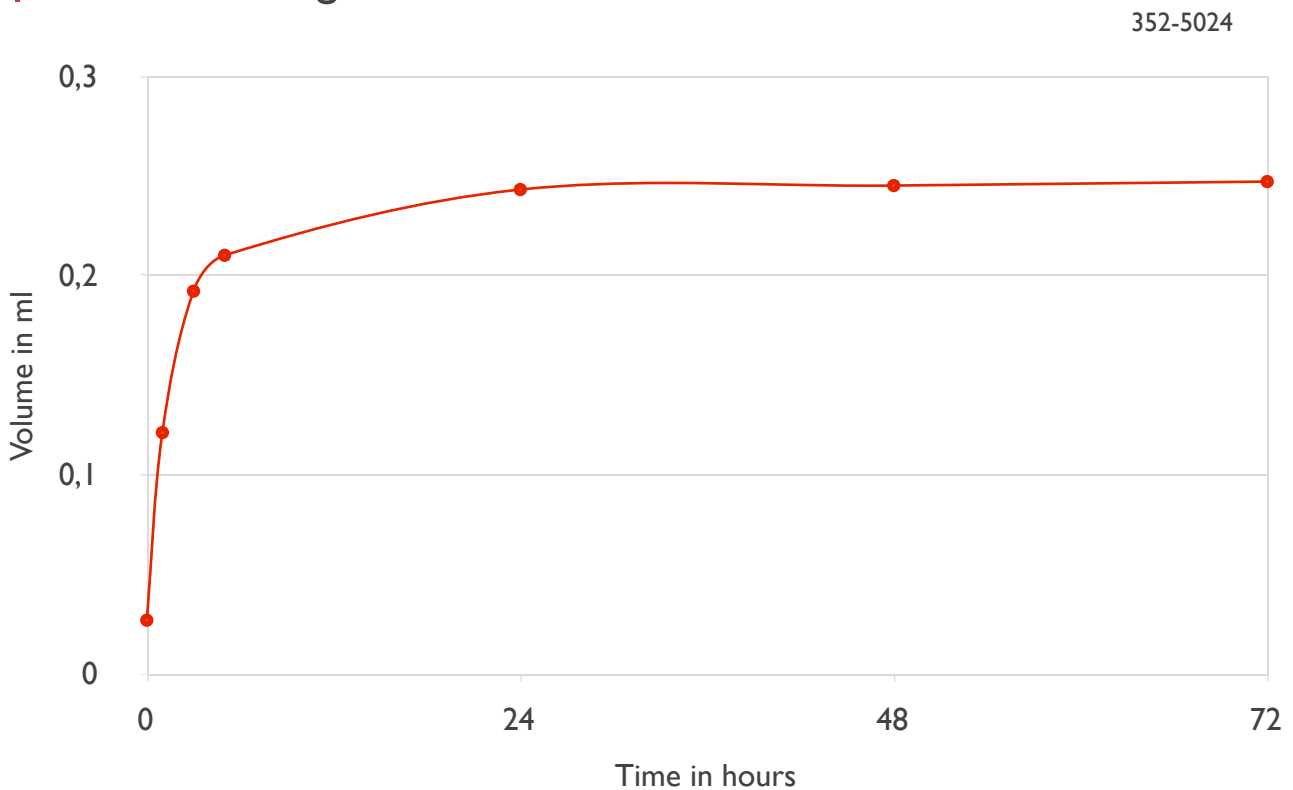
- ⤿ Permanent implant
- ⤿ Unique method
- ⤿ Can be modeled postoperative

Dimensions

		Before swelling			After swelling*		
Order No.	Item	Volume	Length	Diameter	Volume	Length	Diameter
352-5024-2	Pin 0.24 ml (2 pieces)	0.025 ml	8 mm	2 mm	0.24 ml	15 mm	4 mm
352-5024-5	Pin 0.24 ml (5 pieces)	0.025 ml	8 mm	2 mm	0.24 ml	15 mm	4 mm
352-5024-10	Pin 0.24 ml (10 pieces)	0.025 ml	8 mm	2 mm	0.24 ml	15 mm	4 mm
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* in vitro in 0.9% NaCl-Sol.

In-vitro-swelling-curve*



* in-vitro in 0.9% NaCl -solution

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