

The Definitive Choice

A Thinner Standard

Surgeons prefer the reduced thickness of ThinProfile™ Eyelid Implants because it provides facial palsy patients with an aesthetically pleasing postoperative appearance. ThinProfile implants are proven effective in restoring a voluntary blink mechanism allowing most patients to be treated for lagophthalmos without the need for a disfiguring tarsorrhaphy.

- **Clinically Proven**

Improved eyelid function with a very low rate of complications¹ make ThinProfile Eyelid Implants the first choice among surgeons. The implant procedure is easily reversible if normal eyelid function is regained.

- **Unsurpassed Quality**

Quality control and rigorous manufacturing standards are evident in every ThinProfile Eyelid Implant. Microscopic inspection assures flawless implant surfaces while independent analysis confirms 99.99% gold and platinum purity. Prior to sterilization and final packaging, implants are verified to ensure conformance to strict weight tolerances.

- **Enhanced Patient Satisfaction**

ThinProfile Eyelid Implants are 40% thinner than conventional implants creating a less noticeable, lid-contouring profile for the patient. Higher density *Platinum* ThinProfile Eyelid Implants are smaller than gold eyelid implants of the same weight permitting a virtually undetectable profile within the eyelid.

- **Sterility Assurance**

ThinProfile Eyelid Implants are packaged sterile in individually sealed, double-peel pouches that ensure sterility of the inner pouch while providing convenient handling of the outer pouch. Peel-off device tracking labels permit convenient surgical reporting.



ThinProfile™ Eyelid Implants in platinum and gold

Description

ThinProfile Eyelid Implants are available in gold or platinum and are designed 40% thinner than standard Contour™ eyelid implants (1.0 mm thickness). ThinProfile implants are shaped to conform to the curvature of the ocular globe. The implant is less noticeable when surgically implanted within the eyelid because of precisely blended, smoothly rounded corners and tapered edges, which ensure a lower profile and greater compatibility with surrounding tissue. Secure implant fixation is achieved through channel-free suture holes which permit greater freedom in suture positioning.

The excellent biocompatibility of Platinum ThinProfile Eyelid Implants offers an alternative choice for gold-sensitive patients.² Because platinum is also denser than gold, Platinum ThinProfile Eyelid Implants are smaller than the same weight gold eyelid implants to enhance cosmesis.

Indications

ThinProfile Eyelid Implants are intended for the surgical treatment of the functional deficits of lagophthalmos, usually resulting from facial paralysis, specifically the orbicularis oculi muscle. The ThinProfile implant is placed in either a septal,³ pretarsal,⁴ or mid-pretarsal fixation anterior to the tarsal plate. The implanted weight uses gravity to assist in closing the eyelid during relaxation of the levator muscle. By restoring a functional “blink” mechanism, ThinProfile implants assist in hydrating the corneal epithelium preventing desiccation and further ocular complications such as erosion, ulcers, perforations, reduction of visual acuity, and even blindness.

ThinProfile™ Eyelid Implants

PRODUCT INFORMATION

ThinProfile™ Gold Implants

CATALOG #	DESCRIPTION
<i>Standard Sizes – Thickness 0.6 mm</i>	
LL 4006	0.6 grams
LL 4008	0.8 grams
LL 4010	1.0 grams
LL 4012	1.2 grams
LL 4014	1.4 grams
LL 4016	1.6 grams



ThinProfile™ Platinum Implants

CATALOG #	DESCRIPTION
<i>Standard Sizes – Thickness 0.6 mm</i>	
LL 6006	0.6 grams
LL 6008	0.8 grams
LL 6010	1.0 grams
LL 6012	1.2 grams
LL 6014	1.4 grams
LL 6016	1.6 grams
LL 6018	1.8 grams



Weight Selection

The appropriate size implant is determined by testing the patient with different weights from the Tantalum Eyelid Weight Sizing Set. The correct weight allows the eyelid to close without difficulty while also inducing a slight ptosis of no more than 1.0 mm. This slight ptosis is typically corrected as the levator muscle strengthens with prolonged wearing of the weight.

CATALOG #	DESCRIPTION
TEW 7000	Standard Sizing Set – Includes 7 weights from 0.6 g to 1.8 g, storage case, 100 adhesive strips, and a skin tone selector card
TEW 7004	Special Sizing Set – Includes 5 weights from 2.0 g to 2.8 g, storage case, 100 adhesive strips, and a skin tone selector card

Accessories

CATALOG #	DESCRIPTION
LL 0505	EyeClose® Double-sided Adhesive Strips Box of 100 strips (non-sterile)



Tantalum Eyelid Weight Sizing Set



Size comparison of same weight gold and platinum ThinProfile™ Eyelid Implants

Product Identification: The weight of the device is marked on the concave side in grams.

Product Packaging: ThinProfile Eyelid Implants are provided STERILE in individually sealed, double-peel pouches. Tantalum Sizing Eyelid Weights are provided NON STERILE.

Special Orders: Custom Eyelid Implants are available upon request. Custom Eyelid Implants and Special Size Eyelid Implants (2.0 grams to 2.8 grams) may require ordering 2 weeks in advance of the required date.

Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician. ThinProfile Eyelid Implants are single use devices. MedDev Corporation, the manufacturer, does not advise, nor assume any liability in connection with the reuse of ThinProfile Eyelid Implants. Tantalum Sizing Eyelid Weights are for external use only.

BIBLIOGRAPHY

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2. Bair RL, Harris GJ, Lyon DB, Komorowski RA: Noninfectious inflammatory response to gold weight eyelid implants. *Ophthalmic Plastic and Reconstructive Surgery*, 11(3): pp 209-214, 1995.
3. Jobe RP: A technique for lid loading in the management of lagophthalmos of facial palsy. *Plastic and Reconstructive Surgery*, 53: pp 29-32, 1974.
4. Seiff SR, Sullivan JH, Freeman LN, Ahn J: Pretarsal fixation of gold weights in facial nerve palsy. *Ophthalmic Plastic and Reconstructive Surgery*, 5(2): pp 104-109, 1989.

A more complete bibliography is available upon request.



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