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**CATALOGUE DE VENTE**

The **Ahmed™ Glaucoma Valve**

Leading the Way in Advanced Glaucoma Drainage Technology



**Model FP7**

Ahmed™ Glaucoma Valve  
Flexible Plate™



#### **Features:**

- Made of medical grade silicone
- Immediate reduction of intraocular pressure
- Unique, non-obstructive valve system to prevent excessive drainage and chamber collapse
- Implanted in a true, single-stage procedure
- Tapered profile for easy insertion
- Silicone plate
- Aqueous percolation holes
- Thinner Plate

#### **Plate/Valve Specifications:**

Thickness: 0.9mm  
Width: 13.00mm  
Length: 16.00mm  
Surface Area: 184.00mm<sup>2</sup>

#### **Tube Specifications:**

Length: 25.00mm  
Inner Diameter: 0.305mm  
Other Diameter: 0.635mm

#### **Materials:**

Valved Plate Body: medical-grade silicone  
Drainage Tube: medical-grade silicone  
Valve: medical-grade silicone, elastomer membrane  
Valve Casing: medical-grade polypropylene

#### **Ordering Information:**

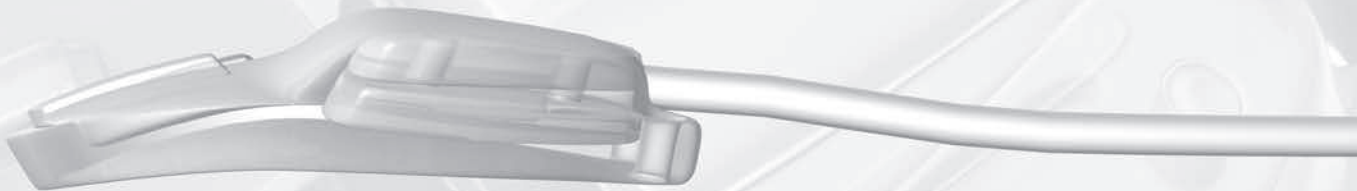
Model: FP7 (Ahmed™ Flexible Plate™)

Model FP7



**Model FP8**

Ahmed™ Glaucoma Valve  
Flexible Plate™ (Pediatric)

**Features:**

- Made of medical grade silicone
- Used for pediatrics or small globes
- Immediate reduction of intraocular pressure
- Unique, non-obstructive valve system to prevent excessive drainage and chamber collapse
- Implanted in a true, single-stage procedure
- Eliminates drainage tube ligature sutures, “rip-chord” sutures, and occluding sutures
- Thinner Plate

**Plate/Valve Specifications:**

Width: 9.60mm

Length: 10.00mm

Surface Area: 96.00mm<sup>2</sup>

**Tube Specifications:**

Length: 25.00mm

Inner Diameter: 0.305mm

Other Diameter: 0.635mm

**Materials:**

Valved Plate Body: medical-grade silicone

Drainage Tube: medical-grade silicone

Valve: medical-grade silicone, elastomer membrane

Valve Casing: medical-grade polypropylene

**Ordering Information:**

Model: FP8 (Ahmed™ Flexible Plate™ - Pediatric)

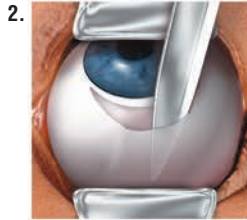
# Model FP8



# Surgical Procedure



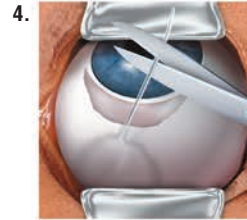
The implant should be examined and primed prior to implantation. Priming is accomplished by injecting 1cc balanced salt solution or sterile water through the drainage tube and valve, using a blunt **26 gauge cannula**.



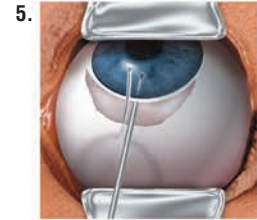
A fornix-based incision is made through the conjunctiva and Tenon's capsule. A pocket is formed at the superior quadrant between the medial or lateral rectus muscles by blunt dissection of Tenon's capsule from the episclera.



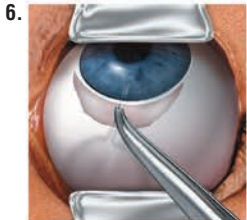
The valve body is inserted into the pocket between the rectus muscles and sutured to the episclera. The leading edge of the device should be at least **8-10mm from the limbus**.



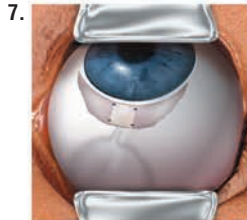
The drainage tube is trimmed to permit a **2-3mm** insertion of the tube into the anterior chamber (AC). The tube should be bevel cut to an anterior angle of **30°** to facilitate insertion.



A paracentesis is performed, and the AC is entered at the limbus with a sharp **23 gauge** needle, parallel to the iris. **Caution:** Care must be taken to insure that the drainage tube does not contact the iris or corneal endothelium after insertion.



The drainage tube is inserted into the AC approximately **2-3mm**, through the needle track and parallel to the iris. The leading edge of the device should be **8-10mm** from the limbus.

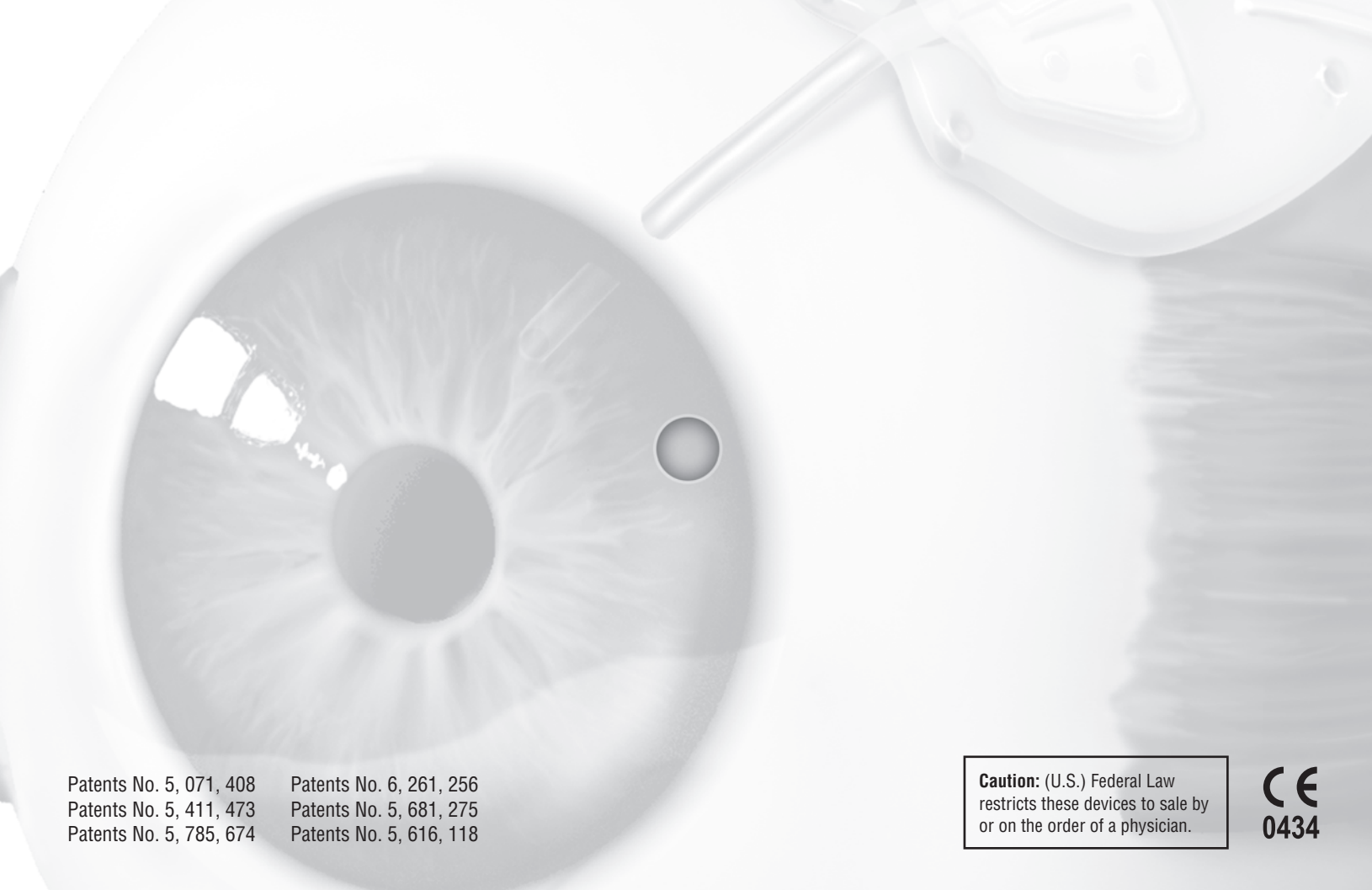


The exposed drainage tube is covered with a small piece of preserved, donor sclera or pericardium, which is sutured into place and the conjunctiva is closed.



**NOTE:** As an alternative to Step 7, a **2/3 thickness** limbal-based scleral flap may be made. The tube is inserted into the AC through a **23 gauge** needle puncture made under the flap. The flap is sutured closed.

The steps illustrated here are intended as a **guideline only**, and do not represent recommended treatment for any particular patient. The use of any specific surgical technique or maneuver is at the sole discretion of the surgeon. Surgeons should be familiar with the use of glaucoma drainage devices and post-operative care considerations before implanting any drainage device. Reference papers and surgical video tapes are available upon request.



Patents No. 5, 071, 408  
Patents No. 5, 411, 473  
Patents No. 5, 785, 674

Patents No. 6, 261, 256  
Patents No. 5, 681, 275  
Patents No. 5, 616, 118

**Caution:** (U.S.) Federal Law  
restricts these devices to sale by  
or on the order of a physician.

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