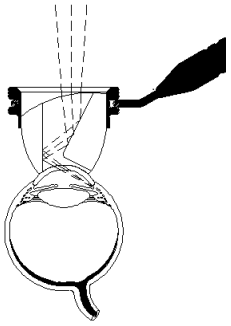
Ocular Ahmed DVX Surgical Gonio Lens

Product Code	Gonio Mag	*Static FOV	Contact OD	Ring Diameter	Handle Length	
OADVX-H	1.3x	120°	10mm	23.5mm	82mm	*Designed with: Ike K. Ahmed, M.D. Mississauga, Ontario, Canada* Patent Pending
CE						



Caution: Federal law restricts this device to sale by or on the order of a physician.

Intended Use

The Ocular Ahmed DVX Surgical Gonio Lens is a contact lens used to view anatomical features of the eye's Gonio.

Indications for Use

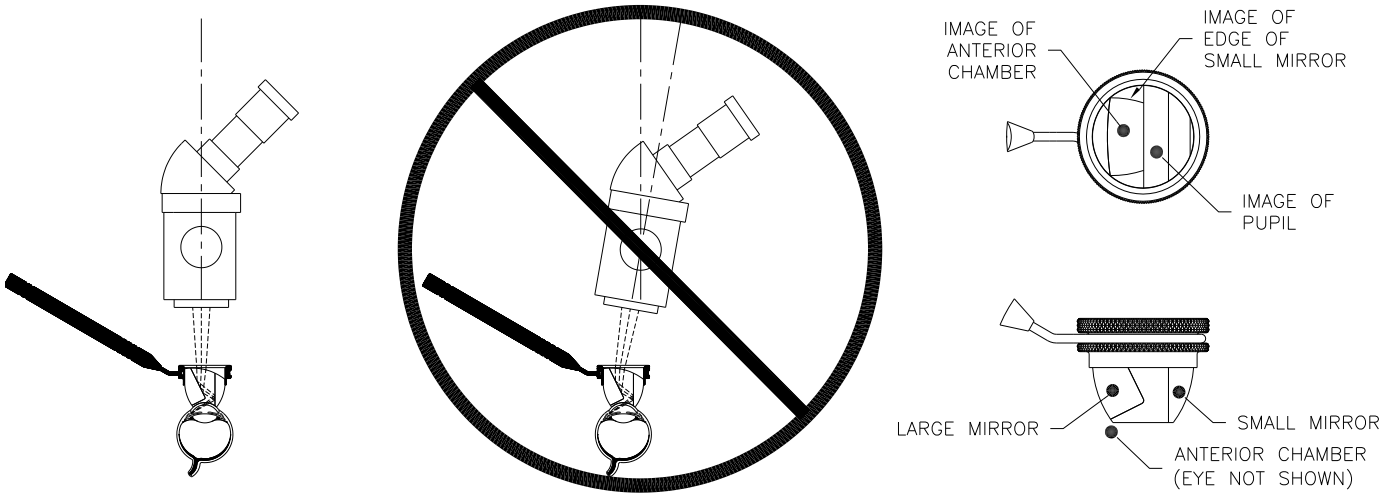
- The lens is to be used by a licensed physician in a method consistent with other ophthalmoscopic contact Gonio lenses.
- The lens is used to counteract the optical power of the cornea so the physician can see inside the eye.
- Use of methylcellulose or similar coupling fluids facilitates lubrication and an optical couple to the eye.
- Precision optics refines the optical path to view abnormalities and surgical procedures in the Gonio of the eye.

Design Features

- The magnified two mirror design redirects the oblique Gonio image to the coaxial "cataract" surgical position, allowing the surgeon easy 360° viewing of the anterior chamber.
- It offers a direct image of the Gonio at 1.31x magnification.
- It affords distortion free viewing, even at the edge of the field of view.
- It provides a binocular image across the entire field of view and allows a wide range of surgical microscope magnifications to be used.
- The Ocular Ahmed DVX Surgical Gonio Lens provides a sharp Gonio image over a 120° field of view making it an excellent lens for anterior chamber angle observation during surgical procedures.
- Use of a coupling viscoelastic may be of considerable help to see the anterior chamber angle and to prevent air bubbles in the lens corneal interface.
- Works best with coaxial light source.

Technique

- As with any Gonio ophthalmoscopy contact lens, some time is needed to become familiar.
  Suggestions for use are:
  - Use a surgical microscope with a coaxial light source. Avoid using a microscope with a ring light light source.
  - Align microscope body coaxial with the center axis of the patient's eye. Tilting of the microscope body, such as done with a non-mirrored surgical Gonio lens, will make the lens more difficult to use.
  - Set microscope magnification at its lowest magnification.
  - Focus microscope on the patient's cornea.
  - Apply a coupling fluid, such as viscoelastic gel or other similar surgical coupling fluid, to the patient's cornea.
  - Place the lens on the patient's eye, and focus the microscope towards the patient's eye. There will be an image of the small mirror in the large mirror. In the small mirror, there will be an image of the anterior chamber. Once the desired image has been obtained, microscope magnification and fine focus can be adjusted.
  - The lens can be rotated in the handle to facilitate 360° viewing of the anterior chamber
  - To remove handle, push the lens cap out through the opening in the handle hoop. Grasp handle at base point close to the connection with the lens. With the other hand, grasp the knurled cap that holds the lens. With a slight rotational movement, push the cap out through the opening in the handle hoop. To re-assemble, reverse process. Lens should be snug to slightly loose in the handle, but should not fall out.



Warning

- Do not use if there are fractures, chips, scratches or other damage to the lens.
- Lens must be properly cleaned and sterilized before use.
- Steam sterilization is the preferred method of lens sterilization. The Ahmed DVX lens is fabricated from the highest quality materials available but repeated steam sterilization can be damaging to optical components. Cosmetic changes can occur over time with product use. These changes potentially affect the color and appearance of lens surfaces. Such changes should not affect lens function.
- If repeated lens steam sterilization affects image quality or other aspects of its clinical applications, discontinue product use.

Contraindications

None

Cleaning & Disinfection

See Cleaning Method 3

*Estimated, for comparison only.

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