






Ocular Khaw 4D Direct View Gonio Lens

	Product Code	Gonio Image Mag	Contact OD	Lens Height	Ring Diam	Static Gonio FOV		Developed With: Peng T. Khaw MD, PhD London, England.
	OK4DG	0.80x	10mm	24mm	28.5mm	170°		
	OK4DG-1X	1.05x	10mm	23mm	28.5mm	150°		Euro Pat. No.: 1 464 271 CH+LI DE GB 

Design

- § The Khaw 4D Direct View Gonio Lens combines the most favorable features of traditional gonio prisms while providing a properly orientated view of the angle.
- § 360° of anterior chamber angle is visible with little to no lens rotation.
- § The smaller contact surface is particularly useful in compression gonioscopy.
- § No methylcellulose required (NMR) lens design.
- § It is lightweight and directly hand held which lends itself naturally to delicate maneuvers while observing the anterior chamber angle.
- § Anterior chamber charting made easier with correct image orientation.
- § A black serrated finger grip, or ring, extends above the anterior surface to provide protection.
- § The mirrored surfaces are silvered with an exclusive double layer, protective coating to prevent peeling and damage under normal daily use.

Technique

- § Gonioscopy can be accomplished using one of two methods.
 - Method 1: Place the gonioscope on the eye with mirrors arranged perpendicular and planar to horizon.
 - Observation is begun in the inferior angle using the inferior mirror.
 - Next, raise the slit lamp beam to the superior mirror to check the superior angle.
 - Finally, with the beam horizontal and tilted, observe the angle near the 180° meridian.
 - Method 2: Place the gonioscope on the eye with the mirrors arranged obliquely (diamond position).
 - With the slit lamp beam vertical, simply move the slit lamp from right to left across the two inferior mirrors.
 - Next, raise the beam and move the slit beam from left to right across the two superior mirrors. Complete observation of the angle can be quickly achieved with minimal rotation of the lens.
- § Because of the light weight and small size of this gonio lens, it is easily applied to the eyes of small children and individuals with narrow palpebral fissures.
- § Deliberate compression with the gonioscope (dynamic gonioscopy) gives the observer a certain amount of control over the iris configuration. Note that depression is opposite conventional prisms. Depress the side opposite the angle to be observed.
- § In an eye with a relatively narrow angle, deeper structures can be visualized by flattening the periphery of the iris gonioscopically.
- § It is also used to distinguish between true peripheral anterior synechiae and simple apposition of the iris to the cornea.
- § The center axis may be used to view the posterior pole and disc.

Cleaning and Disinfection

See Cleaning Method 1



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