ULTRAVISION CLPL

INNOVATION IN PRACTICE

Topflex™

Fitting Guide

Topflex™ Back Toric Design

The ideal fit of the Topflex™ Back Toric trial lens is shown when it is well centred or positions very slightly high on the cornea, with the top lid covering the top edge of the lens. The optical area should cover the pupil in low illuminations. In most cases the correct alignment should be achieved with the back optic radius diameter equal to, or slightly flatter than, the flattest K. We would suggest the initial trial lens is picked based on the first base curve being as close to flattest K as possible.

Excessive movement of 2mm or over creates discomfort and unstable vision; no movement may also cause discomfort. The optimum movement on a blink is approximately 0.5mm to 1mm. After assessment of the initial trial lens, a slightly steeper or flatter lens can be fitted if necessary to improve movement and increase comfort. When fitting a steeper lens, care must be taken to ensure the edge of the lens does not press into the cornea.

A good alignment fit is characterised by even fluorescein distribution beneath the contact lens with an optimum band of edge clearance in accordance with normal criteria. Centration and comfort should be good. Once the fit is considered satisfactory, a normal over refraction should be carried out. Over ± 4.00 D in the trial frame will require adjustment for vertex distance the trial lens should compensate for most if not all of the corneal astigmatism present, is it possible to increase the amount of toricity on the lens.

If the upper lid margin is held too high to cover the top edge of the lens, or if the corneal shape resists upward movement, the lens will assume a lower position. In such cases a smaller lens should be ordered. If there is insufficient pupil coverage or the diameter is considered too small, a larger diameter should be ordered. For each 0.5mm change in diameter, a Topflex™ lens requires an accompanying change in the back optic zone radius of approximately 0.05mm. A larger lens requires a flatter back optical zone radius and a smaller lens requires a steeper back optical zone radius, both radii need to be changed equally. The power should be adjusted 0.25 DS for each 0.10mm change in radius.

CE 0120

Trial Set: TS0027

ULTRAVISION INTERNATIONAL LIMITED, COMMERCE WAY, LEIGHTON BUZZARD, BEDFORDSHIRE, LU7 4RW, UNITED KINGDOM
Tel: +44 (0)1525 381112 Fax: +44 (0)1525 370091 UK Order Line: 0800 585115 (Freephone)
Email: orders@ultravision.co.uk Web: www.ultravision.co.uk