

NISSEL KII SOFT

A DYNAMICALLY STABILISED TORIC LENS FOR THE MANAGEMENT OF KERATOCONUS

Features

Lathe cut
Aspheric front surface
Dynamically stabilised
8 lens easy to use trial lens set available in a range of powers to assist in fitting and to give the patient useful vision while the lens is settling.
Trial lenses are supplied in the same material and design as the final lenses.

Can Help with the Following Conditions

- Keratoconus
- Post CXL
- Post graft

PRODUCT SPECIFICATION

Material	Filcon II 2
Water Content	58%
Permeability (Dk)	26 x 10 ⁻¹¹
Base Curve (mm)	7.00 to 8.80 (0.20 steps)
Diameter (mm)	14.50
Power Range	-30.00D to +30.00D (0.25D steps)
Cyl Powers	-6.00DC to -0.75DC (0.25D Steps)
Axis Direction	5° to 180° (5° steps) Higher powers may be available
TC	Thin – standard as fitting set Medium Thick

FITTING PROCEDURE

IT IS ESSENTIAL TO USE THE NISSEL KERATOCONUS II SOFT FITTING SET

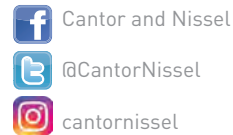
- Full refraction and eye examination
- Keratometry/Topography – trial lens selection can be based on keratometry readings (Ks) and topography (as a combination or separately) or from inspection of the corneal profile from the side, depending on the lens type and the severity of the keratoconus. Mild keratoconus with a central cone can be fitted based on Ks. Keratometry readings will be of limited use if the cornea is distorted. Often there is a large difference in Ks. The average K can be used as a starting point for the base curve of the initial trial lens. In the case of severe cones central Ks may be of little use.
- Select initial trial lens according to the recommendation;

K Readings (mm)	SELECT BOZR (mm)	Total Diameter (mm)	Choice of Power In fitting set (D)
Less than 6.00	8.00	14.50	-14.00 and -12.00
6.00 to 6.50	8.20	14.50	-10.00 and -8.00
6.50 to 6.80	8.40	14.50	-6.00 and -4.00
6.80 to 7.20	8.60	14.50	-2.00 and Plano

- Insert trial lens and allow to settle for 5-10 minutes.

Cantor + Nissel Ltd
Market Place
Brackley
Northamptonshire
NN13 7NN
United Kingdom

T +44 (0)1280 702 002
F +44 (0)1280 703 003
E enquiries@cantor-nissel.co.uk
www.cantor-nissel.co.uk



Good Fit

- Comfortable
- Central position
- If bubbles form under lens on insertion, these should settle within 2-3 minutes.
- Vertical movement of approximately 1.00mm after a blink.
- Good recovery on push-up test.
- Orientation marks should be vertical

Flat Fit

- May give poor centration
- Can cause discomfort
- Excessive movement on blink – greater than 1.00mm
- Lens drops significantly on upward gaze
- If excessive movement but good centration, allow to settle for longer

IF LENS DISPLAYS ANY OF THE ABOVE CHARACTERISTICS
TRY A STEEPER BASE CURVE (IF AVAILABLE)

Steep Fit

- Less than 0.5mm movement with blink
- Large bubbles may be evident
- Lens rotating
- Resists push up test

IF LENS DISPLAYS ANY OF THE ABOVE CHARACTERISTICS
TRY A FLATTER BASE CURVE (IF AVAILABLE)

When a good fit is achieved, allow the lens to settle for 20-25 minutes and then:

- Carry out an over-refraction to establish the sphere, cylinder and axis required;
- Note and record the direction of the orientation mark.

Order a lens stating:

- The base curve and the power of the ideal fit trial lens used
- The over-refraction result and the direction of the orientation mark
- Back vertex distance for the over refraction

If no cylinder is found then please order the Hydrolens GMA design lens. Information sheet available.

Lens Modality

This is a lathe cut daily wear lens which is designed to last up to 12 months. The lenses may need to be replaced more frequently due to the patients wear and care, this is at the discretion of the practitioner.

Care Guidelines

The recommended care system is Oté Twins Active multipurpose solution. Hydrogen peroxide systems and other multipurpose systems may be used.



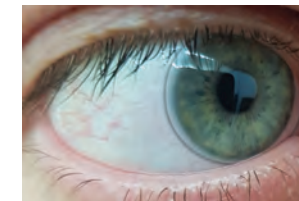
Good Fit – Primary position



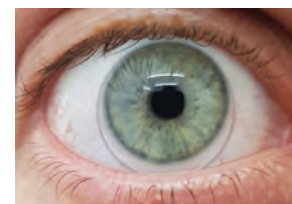
Good Fit – Nasal position



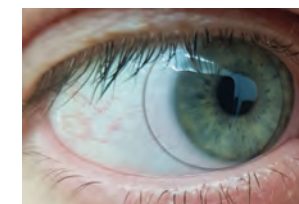
Steep Fit – Primary position



Steep Fit – Nasal position



Flat Fit – Primary position



Flat Fit – Nasal position