

HOSPITAL AND EYE CLINIC LENSES

A wide range of specialist lenses for use in hospitals and eye clinics. Available in a variety of soft and gas permeable materials to suit all eye conditions.

DAVID THOMAS

"an eye for excellence"

TECHNOLOGICALLY ADVANCED CONTACT LENSES FOR THE HOSPITAL EYE CLINICS AND CONTACT LENS SPECIALISTS

THE COMPANY

David Thomas Contact Lenses have become synonymous with providing contact lenses for the NHS Eye Clinics and Contact Lens Specialists. Rightfully known for introducing the Rose K range of lenses to the UK, the company can also supply a complete range of lenses for all applications, each one individually crafted using the most technologically advanced equipment available.

THE TECHNOLOGY

- ❖ Our range of lenses designed for the individual eye will cover nearly all contact lens applications.
- ❖ We continue to invest in 2-Axis Ultra Precision Lathing Systems for any designs.
- ❖ FTS-1000 oscillating tool for "Freeform" non-rotational symmetrical surfaces allows us to produce back toric, bi-toric, toric periphery, front toric and different edge lift specific zones.
- ❖ Using Neitz CG Auto measurement systems keeps DTCL at the forefront of contact lens design and quality.

THE SERVICE AND TECHNICAL SUPPORT

- ❖ DTCL use experienced staff to deal with your enquiry promptly and efficiently.
- ❖ Technical support to advise on the most appropriate lens design.
- ❖ Advice on assessing lens fit and vision.
- ❖ Diagnostic trial sets loaned free on request.

INDIVIDUAL SOFT LENSES FOR THE EYE

T58/62 DAILY WEAR

Material Specification: Water Content 58% ● Dk 22 ● Classification Filcon II 2 ● BOZR 7.00 to 9.50mm
● Diam. 12.00 to 22.00mm ● Power +45.00 to -30.00 ● non-ionic

Indication: Myopia, Hypermetropia, Ametropia, Anisometropia, Aphakia

Key Points: Durable daily wear – Increased moisture retention ● low dehydration rate
● deposit resistant material

Fitting Procedure: Base curve selection 0.60mm flatter than mean K. Diameter should be 2.5 to 3.0mm larger than HVID. Convert spectacle refraction to minus cylinder form. Base power on spectacle Rx and vertex distance.

T74/85 EXTENDED WEAR/BANDAGE

Material Specification: Water Content 75% & 78% ● Dk 43 & 45 ● Classification Filcon II 2 & 3 ● BOZR 7.00 to 9.50mm
● Diam. 11.50 to 22.00mm Power +40.00 to -30.00 ● non-ionic

Indication: Myopia, Hypermetropia, Ametropia, Anisometropia, Aphakia

Key Points: Extended wear ● particularly suitable for aphakics ● bandage lenses

Fitting Procedure: Base curve selection as flat as possible consistent with stability of fitting and vision. Diameter should be 2.5 to 3.0mm larger than HVID. Convert spectacle refraction to minus cylinder form. Base power on spectacle Rx and vertex distance.

ASSURE RX TORIC

Material Specification: Water Content 58% ● Dk 22 ● Classification Filcon II 2 ● BOZR 8.10 to 9.30mm ● Diam. 13.00 to 16.00mm ● Sphere power +20.00 to -20.00 ● Cylinder power -0.25 to -10.00 ● Axis 1° to 180° engraving at 6 o'clock ● non-ionic

Indication: For correction of corneal and residual astigmatism

Key Points: Durable daily wear ● superb on eye performance ● improved stability ● good visual acuity ● comfortable lens with moisture retention ● Posterior toric with blended peripheral curves ● lenticulated with prism ballast

Fitting Procedure: Base curve selection 1.0mm flatter than mean K. Diameter should be 2.5 to 3.0mm larger than HVID. Use spectacle Rx corrected for vertex distance. Reduce the cylinder by -0.25D between -1.00 & -3.00D. Above -3.00D reduce the cylinder by -0.50D. For Hyperopes add +0.25D between -1.00 & -3.00D. Above -3.00D reduce the cylinder by -0.50D. For Hyperopes add +0.25 to +0.50D to the sphere.

INDIVIDUAL GP CONTACT LENSES FOR KERATOCONUS AND THE IRREGULAR CORNEA

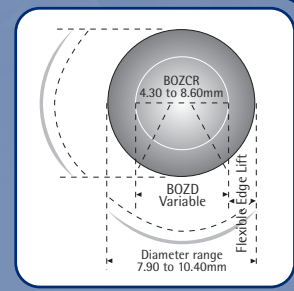
THE ROSE K FAMILY OF CONTACT LENSES

ROSE K2 PRIMARY INDICATIONS

- ❖ Severe corneal distortion
- ❖ Nipple keratoconus
- ❖ Oval keratoconus
- ❖ Corneal thinning and steepening

LENS FEATURES

- ❖ Systematic approach to fitting
- ❖ Fully flexible edge lift system
- ❖ Aspheric optics for optimum aberration control
- ❖ Reduced practitioner chair time

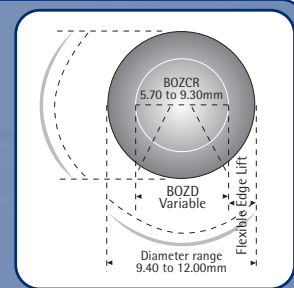


ROSE K2 POST GRAFT PRIMARY INDICATIONS

- ❖ Patients who have undergone penetrating keratoplasty
- ❖ Secondary applications for oval and nipple keratoconus
- ❖ Ecstasia Post Lasik

LENS FEATURES

- ❖ Large diameter range
- ❖ Fully flexible edge lift system
- ❖ Reverse geometry in flatter bases
- ❖ Aspheric optics for optimum aberration control

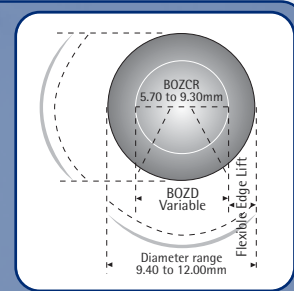


ROSE K2 IC PRIMARY INDICATIONS

- ❖ Pellucid Marginal Degeneration
- ❖ Lasik Induced Ecstasia
- ❖ Keratoglobus
- ❖ Post Graft

LENS FEATURES

- ❖ Large Intra-limbal diameter
- ❖ Fully flexible edge lift system
- ❖ Aspheric optics for optimum aberration control
- ❖ Good for cornea with large areas of distortion

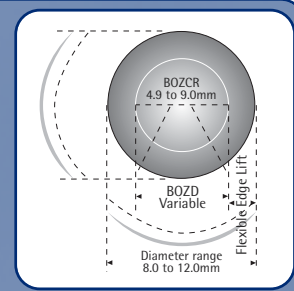


ROSE K2 ASYMMETRIC CORNEAL TECHNOLOGY PRIMARY INDICATIONS

- ❖ Keratoconus
- ❖ Pellucid Marginal Degeneration
- ❖ Post Graft
- ❖ Any cornea where severe inferior steepening is a problem

LENS FEATURES

- ❖ Provides lens stability
- ❖ Improves comfort and vision
- ❖ Flexible steeper edge lift in inferior quadrant of lens
- ❖ Asymmetric corneal technology

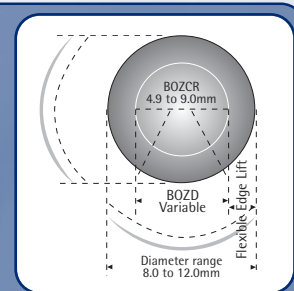


ROSE K2 PIGGYBACK PRIMARY INDICATIONS

- ❖ Atopic cases
- ❖ Apical erosion
- ❖ Poor RGP intolerance
- ❖ Soft apical nebulae
- ❖ Pingueula/Pterygium
- ❖ Hydrops

LENS FEATURES

- ❖ High DK/RGP Soft Silicone Hydrogel material combination
- ❖ Better cone fit with Rose K lens
- ❖ Regular replacement of soft lens
- ❖ Independent lens movement
- ❖ Good tear exchange
- ❖ Reduce corneal staining



OTHER SPECIALITY GP CONTACT LENSES FOR THE INDIVIDUAL EYE

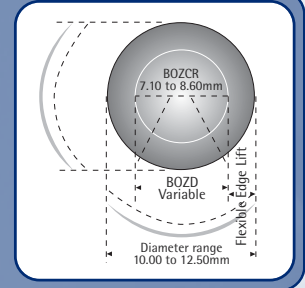
APHAKIA (APEX LENSES)

PRIMARY INDICATIONS

- ❖ Absence or loss of eye's crystalline lens
- ❖ Very deep anterior chamber
- ❖ Loss of accommodation, hyperopia
- ❖ Post Keroplasty

LENS FEATURES

- ❖ Stable vision
- ❖ High DK materials
- ❖ Limbal locating characteristics



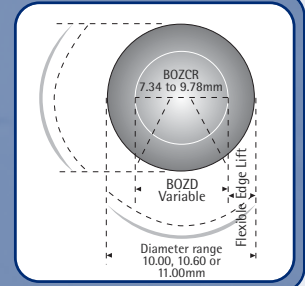
RINEHART REEVES (REVERSE GEOMETRY)

PRIMARY INDICATIONS

- ❖ Post RRK
- ❖ Irregular cornea
- ❖ Post Keratoplasty

LENS FEATURES

- ❖ Variable edge lift and diameter
- ❖ High DK materials
- ❖ Reverse curve geometry to aid peripheral fit



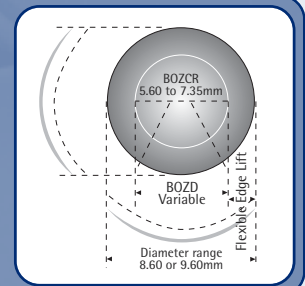
MCGUIRE KERATOCONUS

PRIMARY INDICATIONS

- ❖ Nipple cones
- ❖ Globus cones
- ❖ Oval cones

LENS FEATURES

- ❖ Mild bearing on cone apex
- ❖ Multi-curve design
- ❖ Three trial sets depending on cone indication



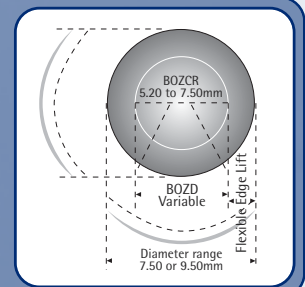
SOPER KERATOCONUS

PRIMARY INDICATIONS

- ❖ Nipple cones
- ❖ Globus cones
- ❖ Oval cones

LENS FEATURES

- ❖ Bi-curve design based on sagittal depth
- ❖ Mild, moderate and advanced trial sets available—Diameter changes with progression of cone



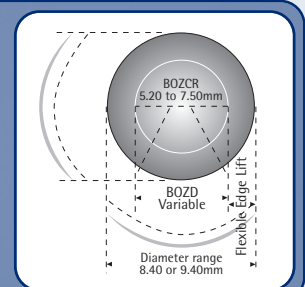
WOODWARD KERATOCONUS

PRIMARY INDICATIONS

- ❖ Nipple cones
- ❖ Globus cones
- ❖ Oval cones

LENS FEATURES

- ❖ Equal distribution of lens mass across cornea
- ❖ Tri-curve design
- ❖ Three point touch fitting philosophy



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