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horizons

Menicon

SPECIALTY LENSES

Introducing ROSE K2 Soft

The simplicity of the ROSE K family of designs in a soft lens for irregular corneas.

Practitioners in the United States now have access to an innovative new soft contact lens option to treat irregular corneas. The ROSE K2 Soft lens was developed under the leadership of Dr. Paul Rose, inventor of the ROSE K family of lenses.

"I wanted to add a soft lens option to the ROSE K toolkit that followed the same simple fitting method as the rest of the ROSE K designs," Dr. Rose says. "After many years of development and clinical trials, I am satisfied that we have succeeded. I am very pleased to be bringing ROSE K2 Soft contact lenses to the U.S. market."

Much of the shape of an irregular cornea can be disguised by increasing the thickness of a soft contact lens, because the irregular shape is not transmitted from the back of the lens to the front of the lens, which occurs with a regular thickness soft lens. With the thicker lens, irregular corneal astigma-

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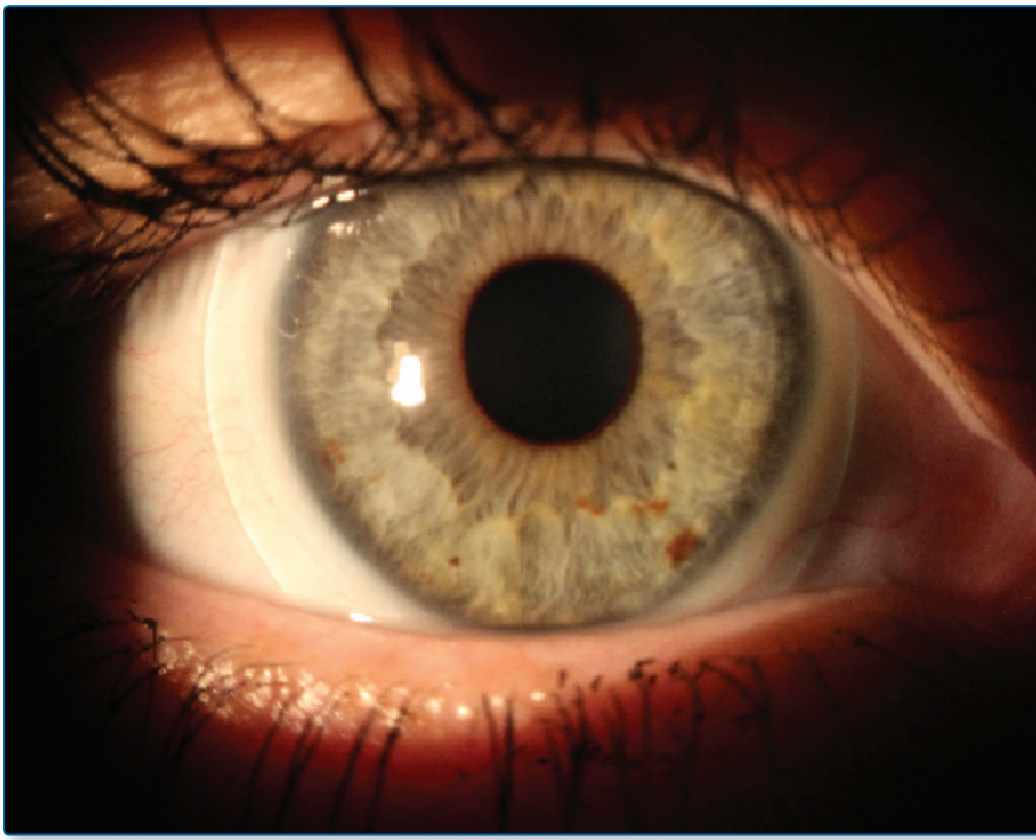

The ROSE K2 Soft uses the same proven design philosophy that has made ROSE K the worldwide leader in specialty contact lenses.

Numerous practitioners have reported success with the ROSE K2 Soft.

tism becomes more regular and can be corrected on the front of the lens. Given this phenomenon, Dr. Rose and his team set out to design a soft lens specifically to address the needs of patients with irregular corneas, using the same proven design philosophy that has made ROSE K the worldwide leader in specialty contact lenses. The result is the ROSE K2 Soft.

Primary Indications

Available in Europe since 2015, ROSE K2 Soft is available in the United States as a daily wear silicone hydrogel lens for quarterly replacement.

The primary indications for this lens are intolerance to GP lenses, new contact lens wearers with irregular corneas, early-to-moderate irregular corneas, or conditions where the environment may be unsuitable for GP lens wear or where a GP lens may be unstable, such as for a patient who plays sports.

Proven Fitting Method

ROSE K2 Soft uses the same simple, proven 5-step fitting method common to all ROSE K designs. The lens features an aspheric back optic zone, front-surface toricity and front-surface aberration control for optimal visual acuity. Additionally, ROSE K2 Soft offers precise edge-lift control, prism-ballast stabilization and reverse-geometry for a trouble-free fit. Front-surface toricity is available, as well as Asymmetric Corneal Technology (ACT), which allows changes to the edge lift in one or two quadrants.

The peripheral fit can be independently adjusted to the base curve or central fit. Best acuity is the driver for choosing the correct base curve, with the peripheral fit subsequently adjusted to achieve the optimum fit. Because this lens behaves somewhere between a rigid and a soft lens, following the fitting guide closely is imperative.

Clinical Succes

Jennifer McMahon BOptom(Hons) MCOptom, Optometry Lead at Great Western Hospitals NHS Foundation Trust in South West England is among numerous practitioners who have reported success with the ROSE K2 Soft. The following case is just one example.

A 36-year-old man with keratoconus of the left eye was unable to tolerate GP lenses. He also was unable to tolerate spectacles because of distortion and glare, particularly at night. He reported an increase in frontal headaches over the last 12 months.

The patient's unaided visual acuity (VA) was 0.20 LogMAR (20/32) OD and 0.72 LogMAR (20/105) OS. His best spectacle-corrected VA was 0.20 LogMAR (20/32) OS (+5.00/–7.00 x 100). His mean corneal curvature was 7.29 mm OS.

The initial diagnostic lens (8.40 mm base curve, 14.80 mm diameter) showed 1.5 mm of movement after settling and slight fluting of the inferior

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—Dr. Paul Rose

ROSE K2 SOFT™

ROSE K2 Soft Lens Parameters

- Base curve range: 7.40 mm to 9.00 mm in 0.20 mm increments
- Diameter range: 14.30 mm to 15.30 mm in 0.10 mm increments (standard diameter: 14.80 mm)
- Power range: –30.00D to +30.00D in 0.25D increments
- Cylinder: –0.25D to –10.00D in 0.25D increments
- Cylinder axis: 0° to 180° in 1° increments
- Center thickness: 0.25 mm to 0.60 mm in 0.01 mm steps (standard center thickness: 0.35 mm)
- Edge lifts (5 options)
  - Standard (0)
  - Standard increased (+1.0)
  - Double increased (+2.0)
  - Standard decreased (–1.0)
  - Double decreased (–2.0)
- Material: Contamac Definitive 74 (efrofilcon A)
  - Water content 74%
  - Dk 60
  - Handling tint

The ROSE K2 Soft diagnostic set includes:

- Eight lenses in 0.20 mm increments from 7.40 mm to 8.80 mm
- Diameter: 14.80 mm
- Center thickness: 0.35 mm
- Material: Contamac Definitive 74 (efrofilcon A)
- Standard lift
- Prism ballast, laser marked at base of prism

edge. The second diagnostic lens (8.20 mm base curve, 14.80 mm diameter) showed 1 mm of movement after settling and a stable vertical laser mark. The patient reported the lens was comfortable, and he immediately noticed a reduction in distortion compared to his spectacle-corrected vision. There was significant masking of the refractive astigmatism with the ROSE K2 Soft in situ. The dispensed lens (8.20 mm base curve, 14.80 mm diameter) was plano/–3.00 x 130, which resulted in VA of 0.10 LogMAR (20/25) OS. Within 2 weeks, the patient reported his headaches had completely resolved and his night vision was much improved. ■

MORE INFO

Availability

The ROSE K2 Soft lens is available in the United States from ABB Optical, Art Optical Contact Lens, Inc., and Blanchard Contact Lens, as well as a number of authorized distributors. For more info, visit **www.roseklens.com** or email **rosek@menicon.com**.

Shalu Pal, OD

No. 1 GP Protein Remover Now Available in Canada

Menicon PROGENT is an integral part of regular lens care.

Having practiced for a time in the United States, I became familiar with the exceptional cleaning power of Menicon PROGENT Protein Remover for rigid gas permeable (GP) contact lenses and appreciated its important place in a comprehensive lens care program for patients. At that time, it was approved for use only in practitioners' offices but more recently it gained FDA approval for in-home use. Now that I am practicing in Canada, I am pleased to report that this product recently became available here, as well.

I encourage anyone not familiar with PROGENT to read on to find out why I am a fan.

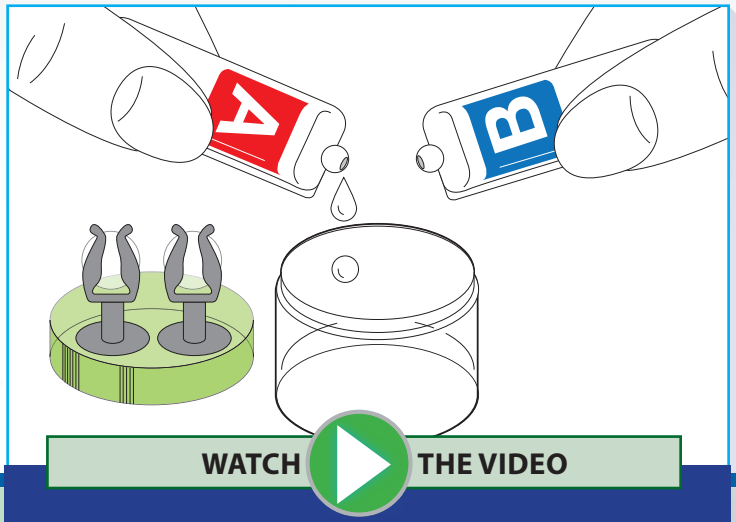
A Simple System

PROGENT is a simple system designed to super-clean protein from GP contact lenses to a level far superior to any product on the market. Unlike physical polishing, a PROGENT cleaning leaves lens parameters unchanged and does not alter the prescription.

PROGENT is comprised of two sterile compounds: sodium hypochlorite (PROGENT A), and potassium bromide (PROGENT B). When mixed together, the A and B components produce an oxidation-reduction reaction that disinfects and removes protein and debris from the lenses.

The cleaning process is quite simple. PROGENT A and B are mixed in the provided case, the lenses are placed in a special holder in the cover of the case, and the case is closed. Note that a special case is available for mini scleral lenses (Figure 1). The lenses must remain in the cleaning solution mixture no longer than 30 minutes, and then they must be rinsed thoroughly with saline. The lenses should then be cleaned with the patient's usual GP cleaner and soaked in their normal disinfection cycle for the recommended time before they are worn.

Note that the chemicals in PROGENT A and B should not come in contact with the skin, the eyes or clothing. Skin exposure can cause irritation, redness or pain, which is relieved by thoroughly rinsing the affected area with water. Ocular exposure can cause redness, irritation, burning, lacrimation and superficial punctate staining. For ocular contact, rinse the eye thoroughly with saline solution.



WATCH THE VIDEO

For a complete step-by-step guide on using **PROGENT**, check out the video at **https://www.youtube.com/watch?v=AfI7GcmfTzk**.

Figure 1: The mixing process. The standard lens holder (A) is designed to hold most GP lenses; turned 90 degrees, this lens holder will also accept mini scleral lenses. A special lens holder (B) is available for larger scleral lenses.

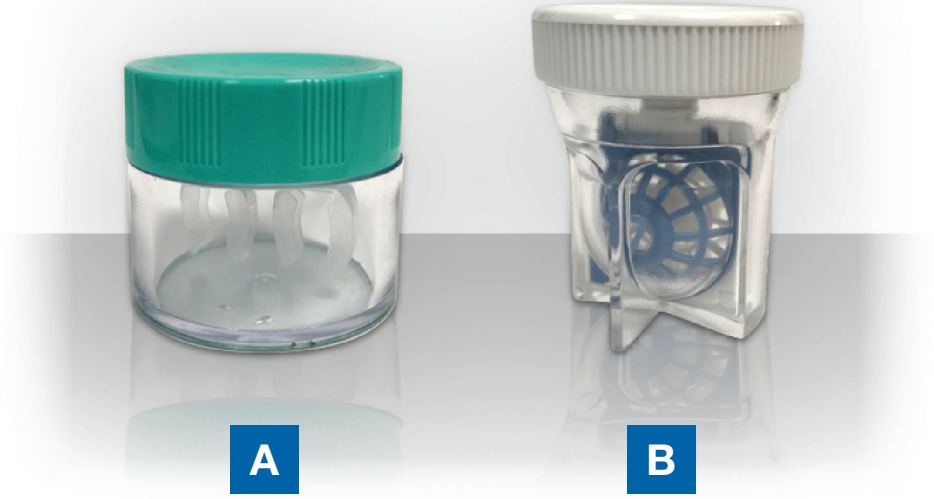
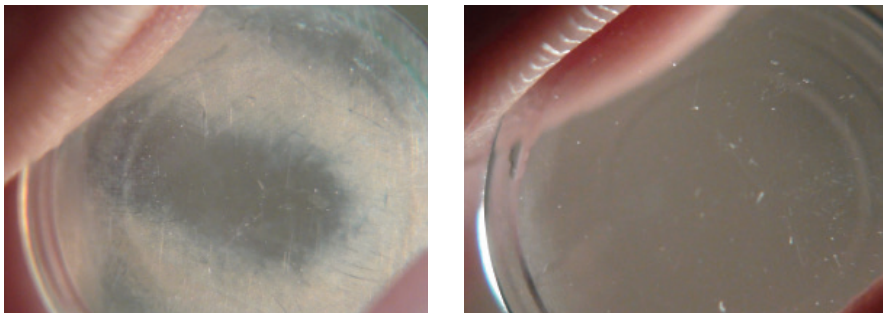


Figure 2: Lens with deposits (left) and after cleaning with PROGENT (right).



Outstanding Results In Office or At Home

Initially, I used PROGENT as an in-office cleaning tool, and I recommended that my GP, orthokeratology and scleral lens patients come in regularly for a custom cleaning. In addition, my patients who have allergies and tend to deposit more frequently and those who have dry eyes and have wetting issues with their lenses have found this product helps prevent red, irritated eyes.

With the recent FDA approval of PROGENT for home use, patients can now freely use this product after being instructed by their eyecare practitioners. When prescribing PROGENT for home use, I recommend that patients use it every 2 weeks.

Some practitioners may still choose to use PROGENT in the office instead of polishing (at the same fee as for polishing). Typically, patients drop off their lenses for cleaning and wait the 30 minutes, or they have their lenses cleaned during their annual visit.

Whether the lenses are treated in the office or at home, the difference is remarkable (Figure 2).

History of Proven Effectiveness

PROGENT has been available in the United States for more than 15 years, and as of June 2016, it is also available in Canada. Now that PROGENT is approved for home use as a biweekly cleaner, patients can purchase it from their eyecare professionals or from the Menicon Webstore, which is connected to the practice's account.

I am happy to share this good news with you and wish you and your patients cleaner and happier lens wear! ■

To submit an article or request product information contact:

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