ENVISTA® TORIC SIMPLIFEYE™

Formulation updated for faster unfolding

- Hydrophobic acrylic material glistening-free[1,2]
- Designed for stable and predictable performance
- Aberration-free aspheric optics
- 56° contact angle between haptics and capsular bag
- 360° posterior square designed to minimize the risk of PCO**
- Polished surface

PRODUCT INFORMATION

MATERIAL

- Hydrophobic acrylic glistening-free
- 4 % water volume
- UV Filter
- Refraction index: 1.54

DESIGN

- Single piece aberration free aspheric optics
- Modified C-loop haptics design
- 360° posterior square edge
- Haptics with fenestration holes
- Optic diameter: 6.00 mm
- Overall diameter: 12.5 mm

DIOPTER RANGE

- From +6.00 D to +30.00 D (0.50 D steps)

Cylinder power – IOL Plane:

- +1.25 D / +1.50 D / +2.00 D / +2.50 D / +3.00 D / +3.50 D / +4.25 D / +5.00 D /+5.75 D

Cylinder power - Corneal plane:

- +0.90 D / +1.06 D / +1.40 D / +1.76 D / +2.11 D / +2.45 D / +2.98 D / +3.50 D / +4.03 D

PRELOADED DELIVERY SYSTEM

- Pre-loaded SimplifEYE™ injection system
- Recommended incision size: 2.2 mm (wound assist technique)

CONSTANTS*

- Optic Constant:
  - SRK/T Constant A: 119.1
  - ACD: 5.61
  - Surgeon factor: 1.85
  - Haigis: a0: 1.46 / a1: 0.40 / a2: 0.10
- Ultrasonic Constant:
  - Constant A: 118.7
  - ACD: 5.37
  - Surgeon factor: 1.62

1. Packer M. et al: Safety and effectiveness of a glistening-free single-piece hydrophobic acrylic intraocular lens (enVista).Clinical Ophthalmology 2013:7 1905–1912 **2.** Heiner P. et al: Safety and effectiveness of a singlepiece hydrophobic acrylic intraocular lens (enVista®) – results of a European and Asian-Pacific study. Clinical Ophthalmology 2014:8 629–635. **3.** Packer M, Williams JI, Feinerman G, Hope RS. Prospective multicenter clinical trial to evaluate the safety and effectiveness of a new glistening-free one-piece acrylic toric intraocular lens. Clinical Ophthalmology 2018:12 1031-1039

***Constants are estimates only. It is recommended that each surgeon develops their own values. Last update: August 2016**

****PCO: Posterior capsular opacification**