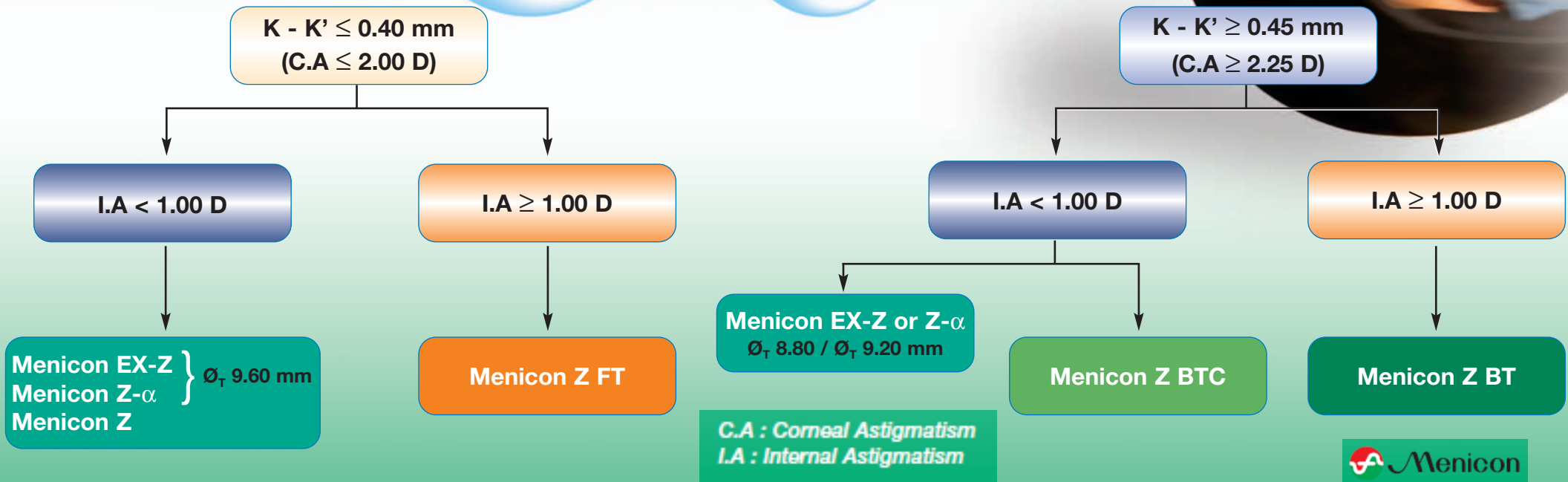
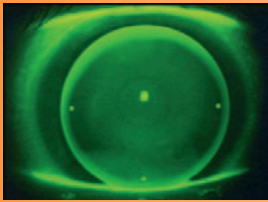
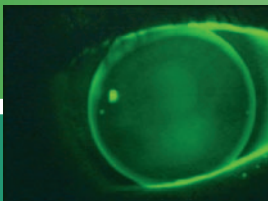




MENICON RANGE FOR ASTIGMATES



Menicon contact lenses in Z Material	Design	Fitting rules	Range parameters
Menicon EX-Z Menicon Z-α Menicon Z	Spherical design	$0.20 \text{ mm} \leq K-K' \leq 0.40 \text{ mm}$ $K-K' \geq 0.45 \text{ mm}$	$\emptyset_T: 9,60 \quad BC = K$ $\emptyset_T: 8,80 \quad BC = Km+0,10 \text{ mm}$
	Sphero-aspheric design	$0.20 \text{ mm} \leq K-K' \leq 0.40 \text{ mm}$ $K-K' \geq 0.45 \text{ mm}$	$\emptyset_T: 9,60 \quad BC = K+0,10 \text{ mm}$ $\emptyset_T: 8,80 \quad BC = Km+0,20 \text{ mm}$
	Aspheric design	$0.20 \text{ mm} \leq K-K' \leq 0.40 \text{ mm}$	$BC = K$
Menicon Z FT	Front Toric design	 3 dots : 0°, 180°, and 270°	$K - K' < 0.20 \text{ mm}$ $0.20 \text{ mm} \leq K - K' \leq 0.40 \text{ mm}$ $\emptyset_T = 9.60 \text{ mm}$
		$BC = K + 0.05 \text{ mm}$ $BC = K$	$\emptyset_T: 9.10 \quad 9.60 \quad 10.10 \text{ mm}$ $F'_V: -25.00 \text{ to } +25.00 \text{ D in } 0.25 \text{ D}$ $BC = 6.50 \text{ to } 9.00 \text{ mm in } 0.05 \text{ mm}$ Front cyl (D) : -0.75 to -2.00 D in 0.25D Front cyl axis : 0 to 180° in 1° Ballast prism : 1.00 / 1.50 / 2.00 / 2.50
Menicon Z BTC	Back Toric Compensation	<i>K: flattest corneal radius</i> <i>K': steepest corneal radius</i> <i>Km: average K</i> <i>T.A: Total Astigmatism</i> <i>C.A: Corneal Astigmatism</i> <i>I.A: Internal Astigmatism</i> 	$\emptyset_T: 9.10 / 9.60 / 10.10$ $F'_V: -25.00 \text{ à } +25.00 \text{ D in } 0.25 \text{ D}$ $BC: 7.00 \text{ à } 9.00 \text{ mm in } 0.05 \text{ mm}$ Back cyl : 0.20 à 1.50 mm in 0.05 mm
Menicon Z BT	Bi-Toric design	The flattest meridian axis is indicated by two dot marks (not necessarily placed on the horizontal meridian).	$\text{Flattest BC} = K$ $\text{Steepest BC} = K' + 0.15 \text{ mm}$

$$T.A = C.A + I.A$$