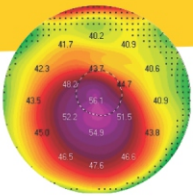
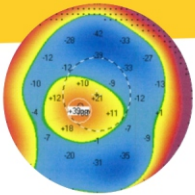
FERRARA RING™



NEW NOMOGRAM

NIPPLE



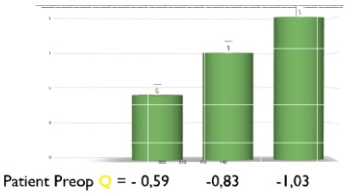


LAGOON

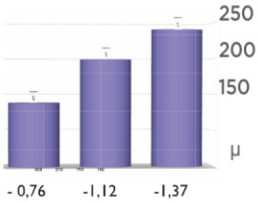
Central location
Hiperprolate cornea
Low astigmatism
Lake in the elevation map

Q (Asphericity) Variation According to the Ring Thickness

210° ICRS

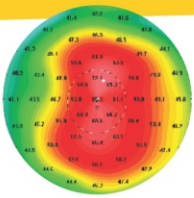


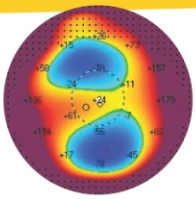
320° ICRS



Topographic Astigmatism < 3,00 D = 210°
Topographic Astigmatism > 3,00 D = 320°

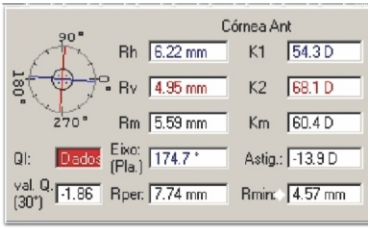
ASTIGMÁTICO





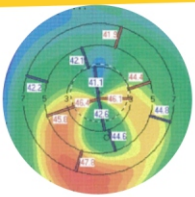
ISTHMUS

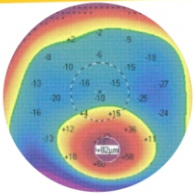
Central location
Hiperprolate cornea (Q << -1,3)
High astigmatism
HIgh keratometry
Posterior Elevation: Isthmus



ASTIGMATISM	ICRS
up to 6,00 D	320/200
6,00 to 10,00 D	2 x 140/200 or 320/250
> 10,00 D	2 x 140/250 or 320/250

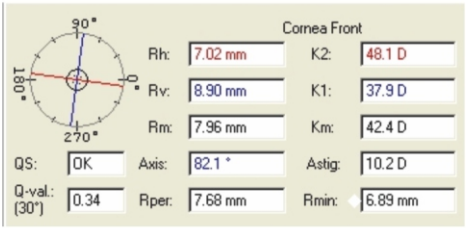
PMD / PMD LIKE





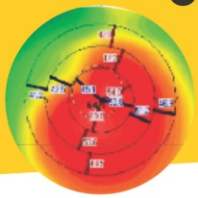
DECENTERED LAGOON

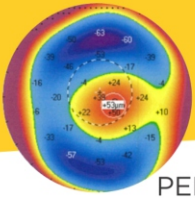
Crab claw configuration
Oblate cornea (Q positive)
High astigmatism | Low keratometry
Posterior elevation: decentered lagoon



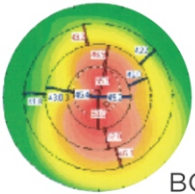
ASTIGMATISM	ICRS
up to 4,00 D	140/150
4,00 to 8,00 D	140/200
> 8,00 D	140/250

OVAL

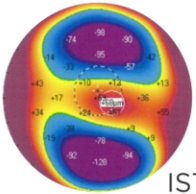




PENINSULA



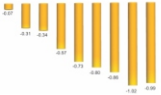
BOW TIE



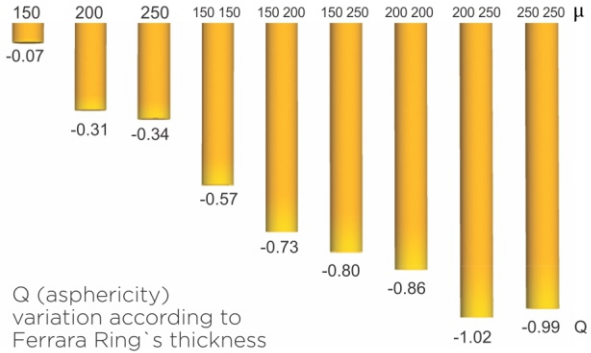
ISTHMUS

The selected Ferrara Ring™ for implantation may induce asphericity changes with a final result close to "normal" value (-0,23 +- 0,08).

Q (Asphericity) Variation According to the Ring Thickness



Q	ICRS	Q	ICRS
-0,1	160/15	-0,8	160/15 160/20
-0,2	160/15	-0,9	160/15 160/20
-0,3	160/15	-1,0	2 x 160/20
-0,4	160/20	-1,1	2 x 160/20
-0,5	160/20	-1,2	2 x 160/20
-0,6	160/25	-1,3	160/20 160/25
-0,7	2 x 160/15	< -1,3	320/25



Q (asphericity)
variation according to
Ferrara Ring`s thickness

FERRARA OPHTHALMICS

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