

PARAGON CRT® TROUBLESHOOTING

BASE CURVE ADJUSTMENTS

Desirable Refraction over lens (ROL) +0.50D to +1.00D

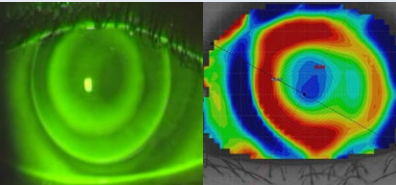
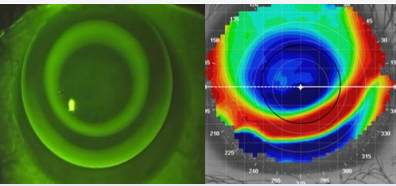
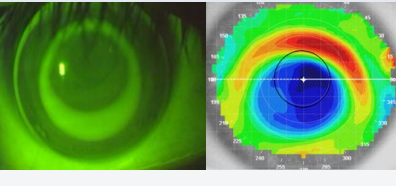
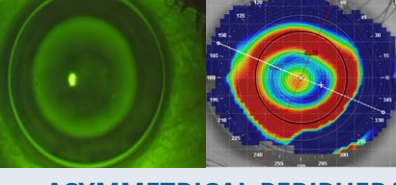
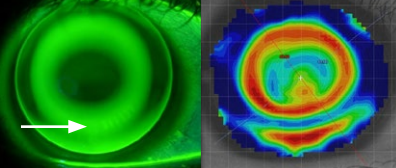
If ROL is < +0.50D, more treatment is needed, increase BC to flatten the optic zone.

If ROL is > +1.00D, less treatment may be needed, decrease BC to steepen the optic zone.

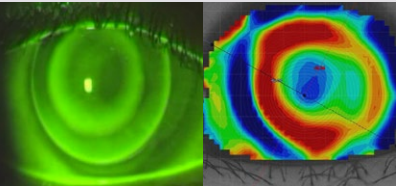
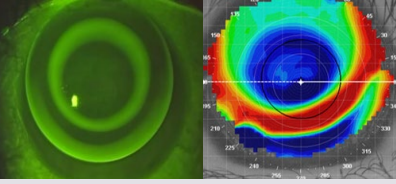
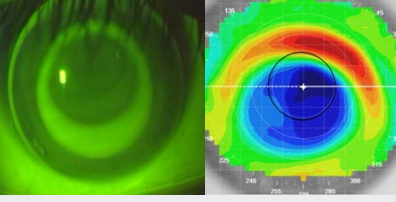
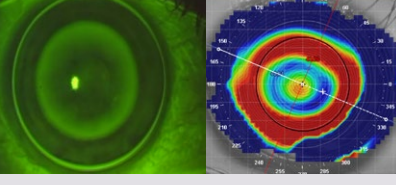
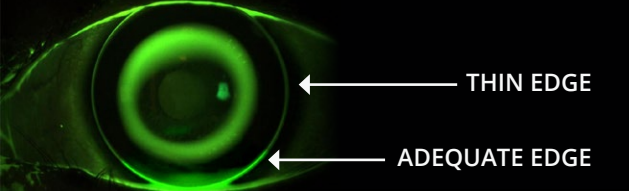
Example: BC 8.8 and ROL: -0.50D to achieve 20/20.

An additional +1.00D of treatment is needed to reach ROL target of +0.50D

New BC: 9.0mm.

LATERAL DECENTRATION		ADJUSTMENT WITH EXAMPLE
	FIRST	Increase Diameter 10.5mm to 11.0mm
	SECOND	Increase RZD 8.6- 550 -33 to 8.6- 575 -33
SUPERIOR DECENTRATION		
	SMALL TREATMENT ZONE	Utilize CRT Dual Axis® 8.6- 550 -33 to 8.6- 550/600 -33
	LARGE TREATMENT ZONE	Increase RZD 8.6- 550 -33 to 8.6- 575 -33
INFERIOR DECENTRATION		
	TIGHT EDGE LIFT	Increase Diameter AND Flatten LZA 8.6-525- 33-10.5 to 8.6-525- 32-11.0
	0.5-1.0 MM EDGE LIFT	Increase Diameter 10.5mm to 11.0mm
CENTRAL ISLAND		
	FIRST	Flatten LZA 8.6-550- 34 to 8.6-550- 33
	SECOND	Decrease RZD 8.6- 525 -33 to 8.6- 500 -33
ASYMMETRICAL PERIPHERAL ALIGNMENT		
		Utilize Paragon CRT Dual Axis® RZD1/RZD2 8.6- 550 -33 to 8.6- 550/600 -33

PARAGON CRT DUAL AXIS® TROUBLESHOOTING

LATERAL DECENTRATION		ADJUSTMENT WITH EXAMPLE
	FIRST	Increase Diameter 10.5mm to 11.0mm
	SECOND	Increase RZD ₂ 8.6-500/ 550 -33 to 8.6-500/ 575 -33
SUPERIOR DECENTRATION		
	SMALL TREATMENT ZONE	Increase RZD ₂ 8.6-550/ 575 -33 to 8.6-550/ 600 -33
	LARGE TREATMENT ZONE	Increase RZD ₁ /RZD ₂ 8.6- 550 / 575 -33 to 8.6- 575 / 600 -33
INFERIOR DECENTRATION		
	TIGHT EDGE LIFT	Increase Diameter AND Flatten LZA 8.6-525/ 575 - 33-10.5 to 8.6-525/ 575 - 32-11.0
	0.5-1.0 MM EDGE LIFT	Increase Diameter 10.5mm to 11.0mm
CENTRAL ISLAND		
	FIRST	Flatten LZA 8.6-550/ 600 - 34 to 8.6-550/ 600 - 33
	SECOND	Decrease RZD ₁ 8.6- 500 / 550 -33 to 8.6- 475 / 550 -33
ASYMMETRICAL EDGE LIFT		
		Utilize Paragon CRT Dual Axis® LZA ₁ /LZA ₂ 8.6-550- 33 to 8.6-550- 32/33