

Weekly nullification SUCCESSFUL

Keratometry

Ocular surface (improvement necessary?)	NORMAL
K1 & K2 SD (maximum value, each eye)	± 0.25 D
Avg K power difference (between eyes)	< 1.25 D
Avg K power (each eye)	> 40.00 D and < 48.00 D
Steep meridian SD (maximum value, each eye)	$\pm 3.5^\circ$
AST (maximum value, each eye)	< 4.25 D
Reflected LED images (all meridians)	GOOD QUALITY

T-cone Topography

Calibration	SUCCESSFUL
All measurements	CORRECTLY CENTERED
Topographic maps (AC, T, E & Rings)	GOOD QUALITY
K1, K2 & A1 (all five measurements)	CONSISTENT

Axial Measurements

Measurement mode (phakic, silicone oil, etc.)	CORRECT
Fixation light (visualization by patient)	STEADY
5 consistent measurements	CONFIRMED
Caliper placement (cornea, lens & retina)	CORRECT
CCT (prior myopic LASIK?)	> 480 μ m and < 620 μ m
Phakic ACD (each eye)	> 1.8 mm and < 4.4 mm
Lens thickness (each eye)	> 3.0 mm and < 6.2 mm
OD & OS axial length (between eyes)	WITHIN 0.33 mm
AL consistent with oldest Rx SphEq	CONFIRMED
Outliers (either eye)	DELETE & REPEAT

White to White

Limbus measurement ring	ADJUST AS REQUIRED
Avg WTW (unusual Ks, ACD or AL?)	> 10.0 and < 13.0 mm
Avg WTW (each eye)	WITHIN 0.1 mm
Avg WTW (between eyes)	WITHIN 0.2 mm

Additional Validation / Studies

Phakic ACD > 4.4 mm or < 1.8 mm	MD CONFIRMS
OD / OS AL difference > 0.33 mm	MD CONFIRMS
OD / OS avg K power > 1.25 D	MD CONFIRMS
AST > 4.25 D (KCN?)	TOPOGRAPHIC AXIAL MAP
Avg K power > 48.00 D or < 40.00 D	MD CONFIRMS