

essilor

**CUSTOM CONTACT LENS
SPECIALISTS**



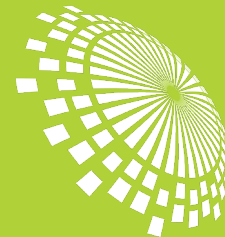
SURGICAL C-4

Fitting Guide



SURGICAL C-4

Fitting Guide



THE DURABLE LENS FOR POST SURGICAL VISUAL CARE

FLUORESCEIN PATTERN EVALUATION

(PK) PENETRATING KERATAPLASTY

- Allow the lens to settle on the eye for a minimum of 5 to 10 minutes prior to performing your evaluation.
- The Surgical C-4 lens should rest over the grafted area in a centrally aligned pattern showing slightly greater clearance peripherally.
- Upon the blink, the lens should move minimally and return to a centrally aligned fit. A moderate amount of apical clearance should be observed to assure there is not peripheral seal off. If seal off is present, a noticeably dark ring will be apparent at the mid-periphery area.

A FLATTER BC IS NEEDED WHEN...

- Inferior decentration
- Lens Adherence / seal off
- No movement with the blink
- Deposits on the back surface

A STEEPER BC IS NEEDED WHEN...

- Superior/ Lateral decentration
- Central bearing

(RK) POST RADIAL KERATATOMY

- Allow the lens to settle on the eye for a minimum of 5 to 10 minutes prior to performing your evaluation.
- The Surgical C-4 lens should rest in an alignment pattern. Fluorescein pattern should reflect lens positioning at the beginning of the incision marks and extending to the outer limbal margin of the surgical area.
- Upon the blink, the lens should move minimally and return a centrally aligned fit. A moderate amount of apical clearance should be observed to assure there is not peripheral seal off. If seal off is present, a noticeably dark ring will be apparent at the mid-periphery area.

WHEN THE PROPER BASE CURVE / CORNEAL RELATIONSHIP HAS BEEN ATTAINED, PERFORM A SPHERICAL OVER-REFRACTION AND PLACE YOUR SURGICAL C-4 ORDER WITH YOUR ECCLS REPRESENTATIVE.

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LENS SELECTION & FLUORESCEIN EVALUATION

TRIAL LENS SELECTION

Select trial lens based on the flattest "K" reading.

FLAT K	TRIAL LENS	FLAT K	TRIAL LENS	FLAT K	TRIAL LENS
34.00	9.50	36.50	8.90	39.00	8.35
34.50	9.40	37.00	8.75	39.50	8.25
35.00	9.25	37.50	8.65	40.00	8.15
35.50	9.10	38.00	8.55	40.50	8.05
36.00	9.00	38.50	8.45	41.00	7.95

PENETRATING KERATAPLASTY

The Surgical C-4 lens should rest over the grafted area in a centrally aligned pattern showing slightly greater clearance peripherally.

POST RADIAL KERATATOMY

The Surgical C-4 lens should rest in an alignment pattern. Fluorescein pattern should reflect lens positioning at the beginning of the incision marks and extending to the outer limbal margin of the surgical area.

FLUORESCEIN EVALUATION

Upon the blink, the lens should move minimally and return to a centrally aligned fit. A moderate amount of apical clearance should be observed to assure there is no peripheral seal off. Once the proper base curve-corneal relationship has been established, perform a spherical over-refraction to best visual acuity.

FIT FLATTER WHEN...

- Inferior decentration
- Lens Adherence / seal off
- No movement with the blink

FIT STEEPER WHEN...

- Superior/ Lateral decentration
- Central bearing
- Too much movement