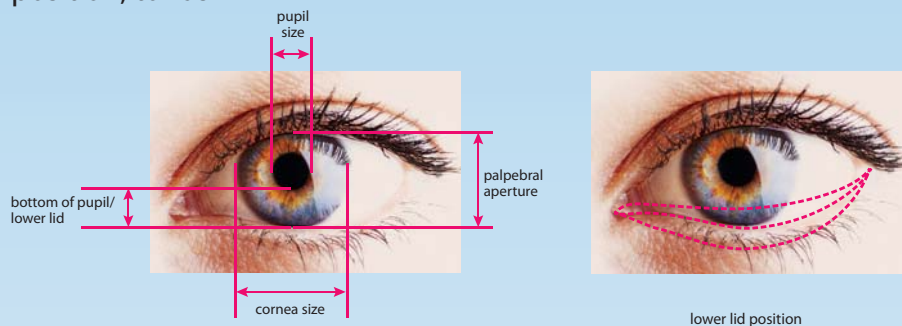


Troubleshooting Tips

Bi expert Pre-fit Exam

- Measurements: palpebral aperture, pupil size, cornea size, distance from bottom of pupil to lower lid
- Lid position, tonus

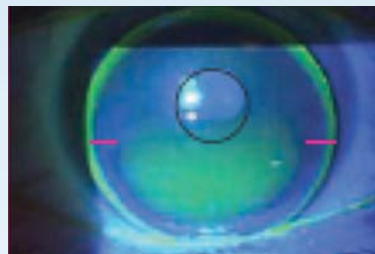


Bi expert Lens Evaluation Process

- Distance vision: binocular first, then monocular
- Near vision: binocularly, under normal room light
- Slit lamp exam, white light:
Evaluate lens/segment position and lens movement in primary and near gaze
- Fluorescein pattern: primary and near gaze

Bi expert Fitting Goals





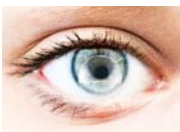
- Position segment: at the lower pupil margin
- Lens movement: quick limited moves
- Near vision translation: superior edge of the lens crossing the upper limbus
- Fluorescein pattern: see photo



Troubleshooting Poor Distance Vision

- Over-refract with handheld lenses
- Observe primary gaze for lens position, segment position and movement (lag)





Potential lens changes

If the top of the segment bisects the pupil and the lens:	is in a high-riding lens position		Decrease overall diameter
	rests on the lower lid		Decrease segment height
If lens position is inferiorly and the lens:	slips under the lower lid margin		Increase overall diameter
	rests on a lower lid located below the limbus		Increase overall diameter
If lens movement is excessive and the lens:	rests on a lower lid located below the limbus		Increase overall diameter

Troubleshooting Poor Near Vision

- Over-refract with handheld lenses
- Observe downward gaze for lens position, segment position and movement (lag)

Potential lens changes

If there is adequate translation and:	reading segment is over the pupil		Use over-refraction results
If there is poor translation and the lens:	slips under the lower lid with downward gaze		Increase overall diameter and/or base curve radius
If there is good translation and the segment is too low in primary gaze:	with a lower lid below limbus		Increase overall diameter
	with good lens position in primary gaze		Increase the height of segment