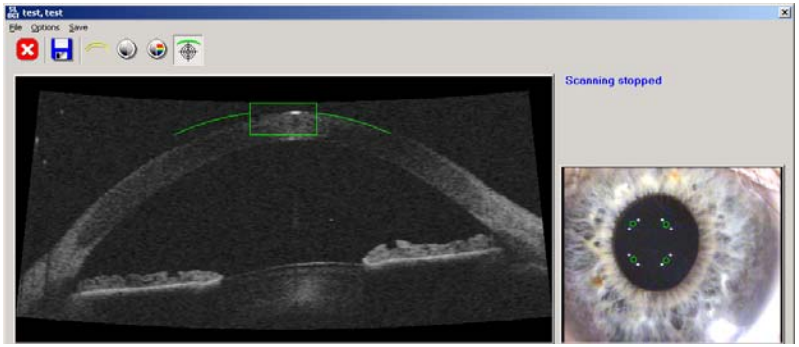
QM Art. No 97 155-001



SL-OCT can image in any cross-section from horizontal to vertical. The slit beam (on the patient's eye and/or in the video image) shows the location of the OCT scan.

For quality white-to-white images, it is important that:

- Both angles are visible – *to adjust: move slit lamp base right/left*
- Cornea is aligned with the green targeting arc – *to adjust: move device toward/away from patient*
- The image is level – *to adjust: move inner slit-lamp arm slightly right/left*

Preparation *(Section 9.2)*

Start system and open *Image Acquisition* window. Be sure patient is:

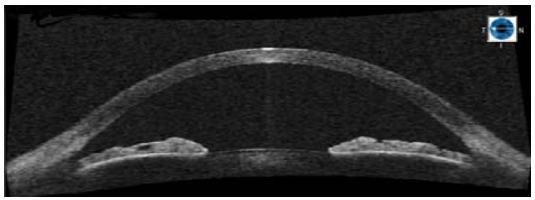
- Properly positioned
- Sitting in a stable position
- Able to see the fixation target *(Section 9.3)*

Align Image *(Section 9.4)*

- **Looking at the patient's eye**, adjust the slit lamp beam sharp and narrow over the apex of the cornea. When correctly positioned the slit beam is visible as a bright reflex from the pupil.
- **Looking at the screen**, adjust image by moving slit lamp base.
- **With Video Kit –** move slit lamp base right/left and toward/away from patient to align the pairs of white lights around the green target circles (see iris image above).

Fine Tune Image *(Section 9.4)*

- Twist the joystick SLOWLY to bring slit beam to apex of cornea. As the beam approaches the apex you will see *bright reflex spots* appearing on the anterior surface of the cornea (see sample image below).
- At this point, ask the patient not to blink or move. Continue fine-tuning with the joystick until the *reflex* appears on both outer and inner corneal surfaces *and* the sharp reflex beam is visible through the anterior chamber (see acquisition window image above, left).



Save Images *(Section 7.4)*

- When the desired number of "good" (green checkmark) images is visible click [Stop].
- Click an image once to view it in the large window; double-click an image to mark for saving.
- Select and save the best 3-5 images, or re-image this eye. Good scans:
  - > Have the green checkmark
  - > Are free of motion artifact (wavy cornea)
  - > Have bright reflex on both corneal surfaces and through image (see sample image at left).
  - > Are well centered
- After saving, scan the other eye or exit the acquisition window

For additional imaging guidance refer to your SL-OCT Operating Instructions and SL-OCT Video Kit Operations Manual.
