

Tips for CLARUS Fundus Imaging

Setup

- ✓ Position the patient comfortably, with their chin on the chinrest and forehead against the rest. The correct height is when the patient must lower their head slightly to place their chin on the rest. This helps keep the forehead against the machine
- ✓ Get small children to kneel on the chair, but ensure the guardian holds the chair
- ✓ Always explain the procedure to the patient, to put them at ease
- ✓ Ensure the room lighting is dimmed, to maximise the size of the pupil
- ✓ Ensure the patient has no stray hairs over the eye being imaged
- ✓ Know your camera - read the operating manual

Cleaning and Disinfection

- ✓ Disinfect the chin and head rest (after each patient). Please refer to the cleaning guidelines in the manual and available from the Zeiss website
- ✓ Always ensure the lens is free of marks or smudges

Capturing Tips

- ✓ Positioning the patient correctly at the camera ensures the best quality images
- ✓ Ensure the patient looks at the fixation target and keeps their eyes open wide
- ✓ Use the internal and external fixation targets as required - some patients find it easier to see the internal target when it is central, rather than when it is off to the side. Make the internal target flash so it is more visible. If the patient is still unable to see the fixation target, verbally coach your patient to look in the correct place or use the external fixation target if required. This is often needed if you are photographing an eye with poor central vision
- ✓ Dry eyes can reduce the contrast and clarity of images. Always ask the patient to blink just before taking a photograph or discuss with a clinician regarding instilling artificial tears
- ✓ For patients that have floaters that obscure the pathology of interest, ask them to look up, down, left and right several times to encourage the floater to move out of the way
- ✓ Ensure you adjust the focus if necessary, by overriding the automatic focus using the focus dial on the CLARUS, to obtain a clear image. This may be useful in the peripheral area of the retina
- ✓ Use the precision focus tool for raised areas of pathology that are of interest or on a different focal plane, to optimise the focus
- ✓ For patients wearing a face mask or covering, ensure this does not obscure the pupil, or mask their chin hovering above the chin rest

Support

- ✓ Please see our website www.zeiss.co.uk/imagingbusinessbuilder for user guides, e-learning, clinical documents, cleaning guidelines and many more resources
- ✓ Please always refer to the CLARUS manual