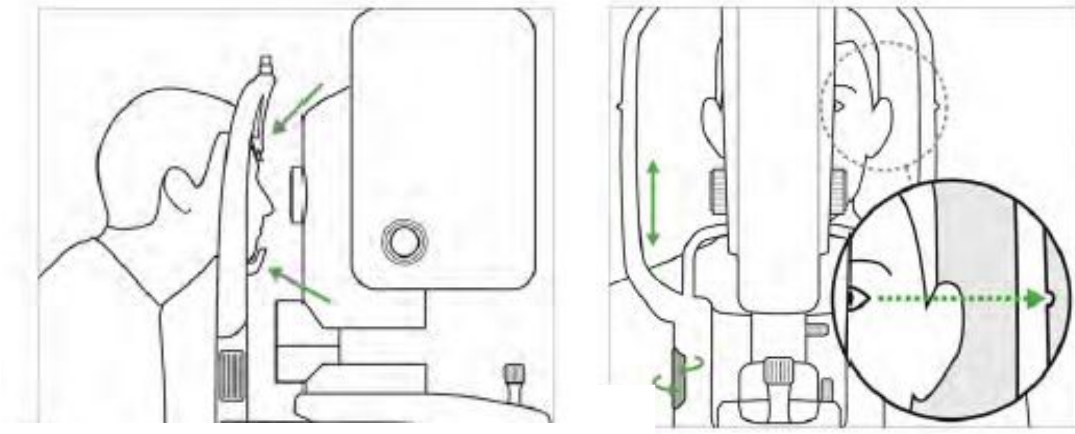


CLARUS
ULTRA-WIDE Imaging
best practice

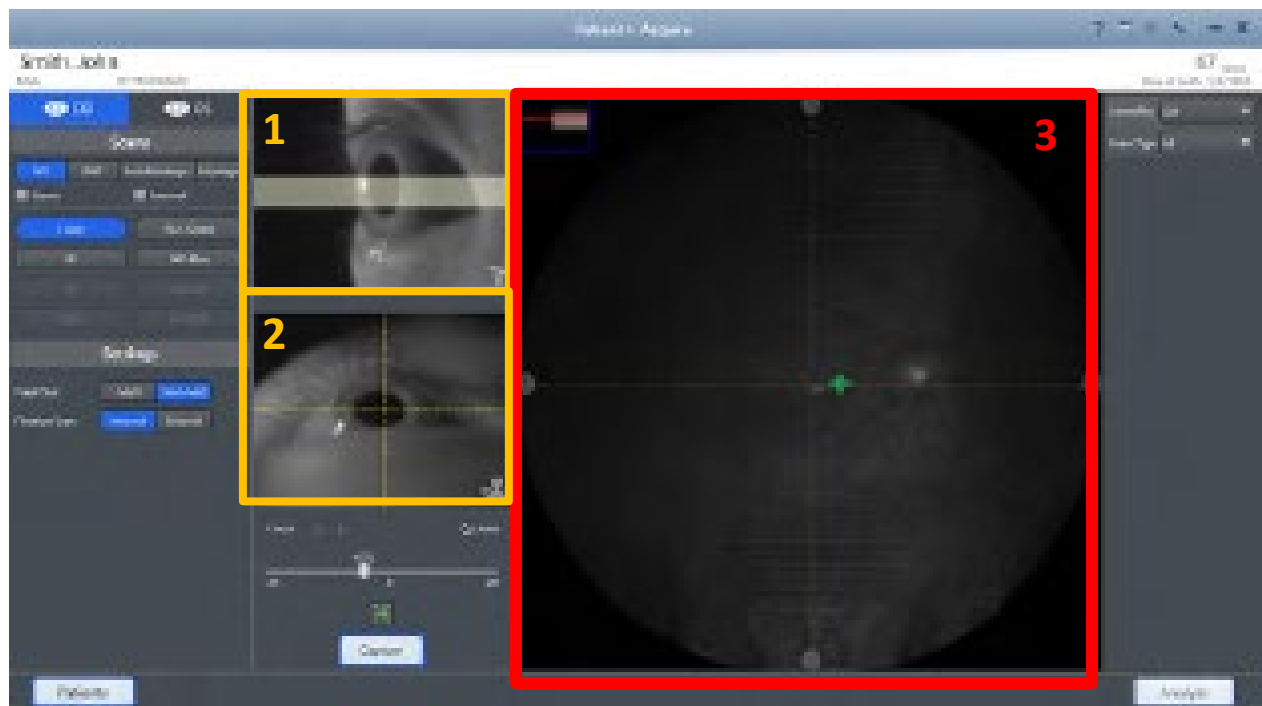


Patient head positioning



- ✓ Ensure the patients head is resting down and forehead forward
- ✓ Patients eye must be in line with the canthus marker
- ✓ If the patients head slips away from the rest, this may cause a rim artefact on UWF images and they will not montage

Alignment and Positioning



One

Ensure the pupil band on image 1 is through the centre of the pupil, twist the joystick to align

Two

Ensure the yellow cross is through the centre of the pupil, move the joystick back, forward, left & right

Three

Always ensure that you check image 3, to ensure the fundus (back wall of the eye) is clearly visible

Three

If image 3 has a black rim around the edge, move the camera back and forth to eliminate. The retina must be evenly illuminated.

Focus



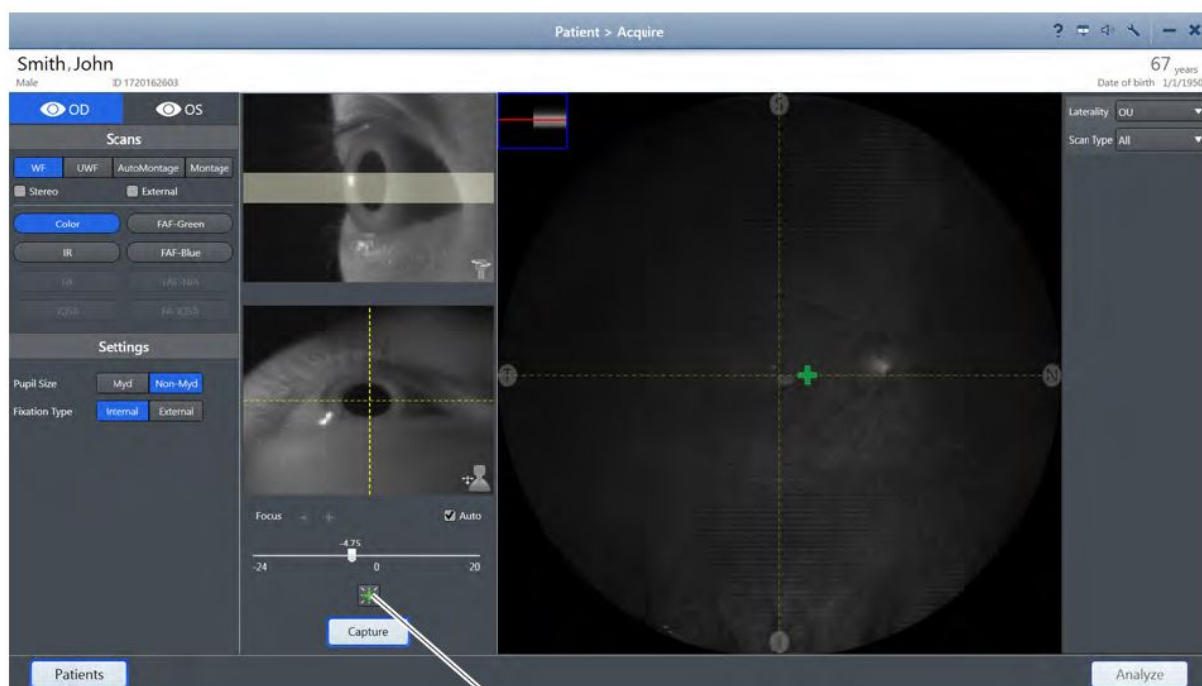
The automatic focus works well for the majority of patients. Patients with a high prescription or unusual pathology will require fine adjustment of the focus with the dial

Ensure the disc is in sharp focus. The disc is the reference point for the software to montage the 2 images to create the UWF. Use the red alignment lines to fine focus.

Try and leave around 30 seconds- 1 minute intervals between images to allow the pupil to re-dilate and keep the room light as dim as possible



Patient fixation



1

	Widefield (WF) Central
	Ultra widefield Nasal, Temporal
	AutoMontage Nasal, Temporal, Superior, Inferior

- ✓ If the patient cannot see the target make the target blink
- ✓ Alternatively, ask your patient to look in the correct position
- ✓ The disc must be in both photographs to ensure the UWF image will montage

Checking image quality

- ✓ Review all scans carefully. Check that the focus is sharp and clear, and the image is uniformly illuminated.
- ✓ If possible, retake scans that are out of focus, the disc isn't clear or have an artefact
- ✓ Delete or replace images as necessary



X

Artefact on the
inferior portion
of the image



✓

Nicely
illuminated,
clear focus

Lens cleaning

