

Image Acquisition: Autofluorescence

Acquiring a BAF, GAF or BAF+GAF Image

For blue autofluorescence (BAF) and green autofluorescence (GAF) imaging, pupil dilation is recommended to optimize image quality. Autofluorescence should be performed before fluorescein or indocyanine green angiography.

1 Start the acquisition module via the touch panel or the software .

2 Set the filter wheel on the camera head to position **A** (BAF) or to position **S** (GAF, BAF+GAF) and select the infrared (IR) modality for camera alignment.

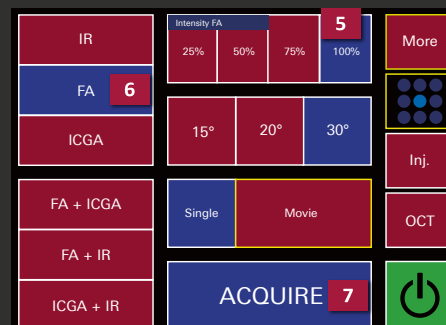
3 Move the camera head towards the patient's eye and position the clinically relevant area at the center of the image. Align the camera so that the IR image is evenly illuminated on all sides.

4 Focus the IR image so that the fine blood vessels are sharp, then adjust the focused image by -0.50 to -1.00 D.



5 Adjust the power of the **blue** laser on the touch panel ($100\% > 75\% > 50\% > 25\%$) or in the software ($100\% > 25\%$), if needed, e.g., to avoid overexposure.

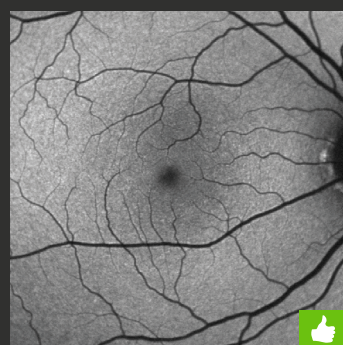
6 For BAF imaging, select **BAF** from the software or press **FA** on the touch panel. For GAF or simultaneous **BAF+GAF** imaging, select **GAF** or **BAF+GAF** from the software.



7 The image may initially appear dark. Activate the eye tracking with a long press of the joystick button or by pressing  on the touch panel.

BRIGHTNESS CONTROL IN TOUCH PANEL SYSTEMS

For manual brightness control, select **More > Image Brightness > Manual** to adjust the image brightness by turning the ART/sensitivity knob  until the retinal vessels are visible.



8 As soon as the ART Mean has reached the number of frames so that the image quality does not improve further, acquire the image with a short press of the joystick button or by pressing **Acquire** on the touch panel.

9 Press **Esc** on the keyboard to exit.

Image Acquisition: Autofluorescence

Acquiring a BAF+OCT or GAF+OCT Image

- 1 Start the acquisition module with , set the filter wheel to position **A** (BAF) or to position **S** (GAF) and select the **IR** and **OCT** modality for camera alignment if not already selected.
- 2 Align the camera so that the IR image is evenly illuminated on all sides and the OCT section image is positioned in the **Sweet Spot**.
- 3 Focus the IR image so that the fine blood vessels are sharp, then adjust the focused image by -0.50 to -1.00 D.
- 4 If needed, adjust the power of the **blue** laser on the touch panel ($100\% > 75\% > 50\% > 25\%$) or in the software ($100\% > 25\%$), if needed, e.g., to avoid overexposure.
- 5 For blue autofluorescence imaging, select **BAF** from the software or press **FA + OCT** on the touch panel. For green autofluorescence imaging, select **GAF** from the software.



BRIGHTNESS CONTROL IN TOUCH PANEL SYSTEMS

For manual brightness control, select **More > Image Brightness > Manual** to adjust the image brightness by turning the ART/sensitivity knob  until the retinal vessels are visible.

- 6 For **line scans** , activate the eye tracking with a long press of the joystick button or by pressing  on the touch panel. Watch the live image and readjust the camera if needed. As soon as the ART Mean has reached 100, acquire the image with a short press of the joystick button or by pressing **Acquire** on the touch panel.
For **volume**  and **radial scans** , start acquisition with a short press of the joystick button or by pressing **Acquire** on the touch panel. Watch the live image and readjust the camera if needed. The image acquisition stops automatically.

SCAN REPOSITIONING

If you want to reposition a scan pattern, activate the eye tracking and move the scan center via drag and drop onto the fovea or the area of interest .

- 7 Press **Esc** on the keyboard to exit.

