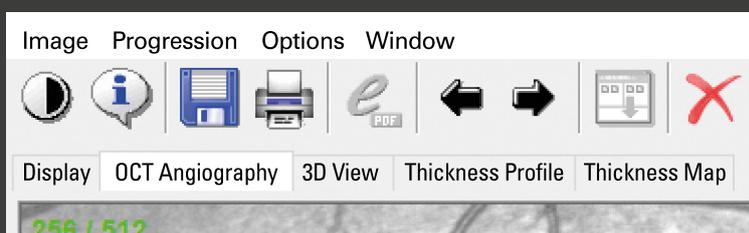


Image Interpretation: OCT Angiography Module

Creating a Custom Slab

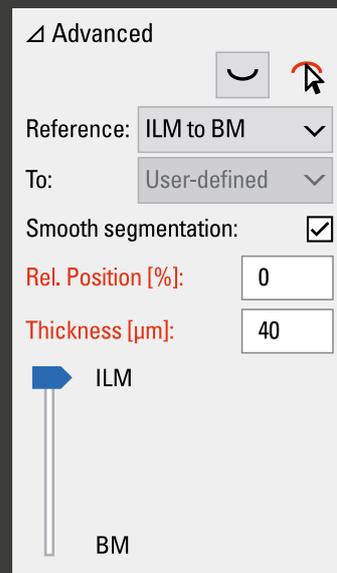
i This quick tutorial describes how to create and save custom slabs and use them with the slider tools in HEYEX. The benefit of using a custom slab with the slider tool is that as the slab is moved from the inner to outer retinal position, the segmentation slab shape adapts and conforms to the ILM to BM profile dynamically. In the presence of pathology, retinal anatomy is disorganized and automated segmentation may fail. Using a custom slab with the slider tools under these circumstances can provide more accurate visualization of vascular structure and flow.

1 Open an OCT angiography scan and click on the "OCT Angiography" tab:



2 Expand the "Advanced" section at the bottom left of the screen. Use the drop-down list to set the "Reference" field to "ILM to BM" and type the desired slab thickness into the "Thickness [μm]" field:

i A 40 μm slab permits visualization of vascular changes affecting the vitreo-retinal interface and superficial vascular complex/plexus. A 60 μm slab will include choriocapillaris and superficial choroid and provides better visualization of choroidal neovascularization.



3 In the "Projection" section, check the "Projection artifact removal" box and "OCTA contrast Auto" box:

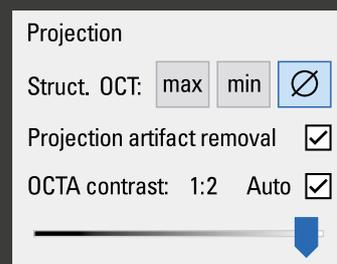
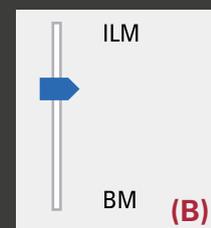
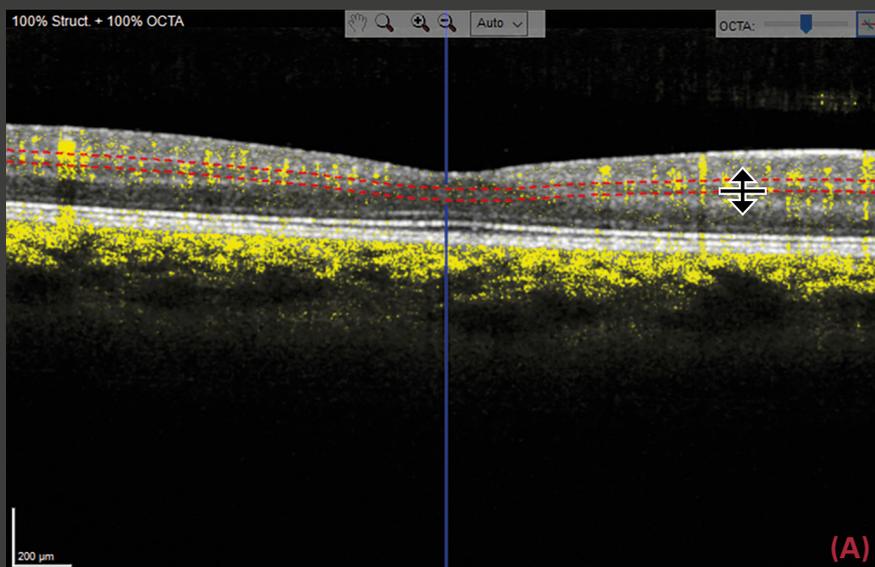


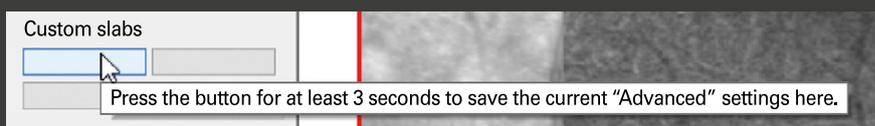
Image Interpretation: OCT Angiography Module

Creating a Custom Slab

- 4** The custom slab can now be used to analyze the OCT angiography image in detail. Change the relative position of the transverse section by using your mouse to either drag the red dotted segmentation lines up/down on the OCT/OCTA fusion image (A) or drag the blue slider in the “Advanced” section up/down (B):

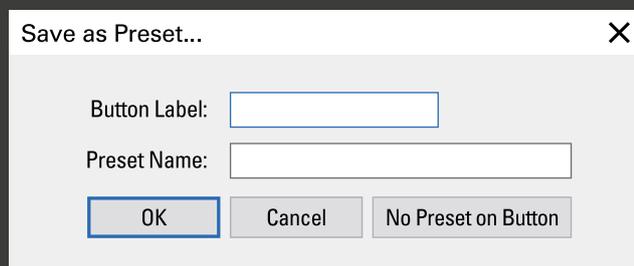


- 5** You can save these analysis settings as a custom slab for quick access in the future. Custom slabs will be available for every examination but can only be accessed on the PC where they have been created. To save the current analysis settings as a custom slab, click and hold one of the buttons in the “Custom slabs” section:



- 6** The “Save as Preset” window is displayed.

- In the “Button Label” field, enter a name to be displayed on the button.
- In the “Preset Name” field, enter a name to be displayed, when you hover with the mouse cursor over the button.



To confirm, click “OK”. Your settings are saved as a custom slab or a view.