

Optos**Advance**TM Auto-Montage



Purpose

This document provides an overview of the auto-montage feature of OptosAdvance.

NOTE: Full operating instructions are provided in the **Help** section of OptosAdvance. Once logged into the software, select the **Help** icon from the toolbar to search and browse guidance topics.

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Auto-Montage Overview

Auto-montage is an OptosAdvance feature that produces montaged images by detecting the centers of the fovea and the optic nerve head in a series of images. The software registers and blends the images to produce a single image with maximum field of view.

Auto-montage works with **optomap color** and **optomap af** imaging modalities only. It is not designed to work with **optomap fa** or **optomap icg**.

NOTE: Auto-montage is not active in OptosCloud.

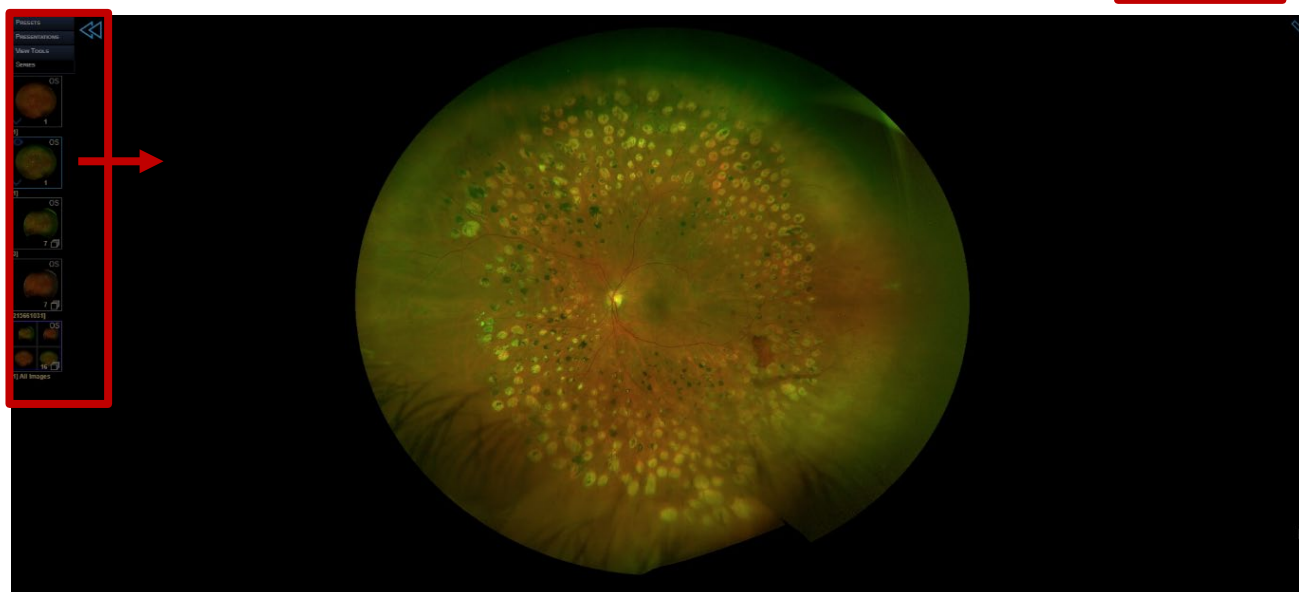
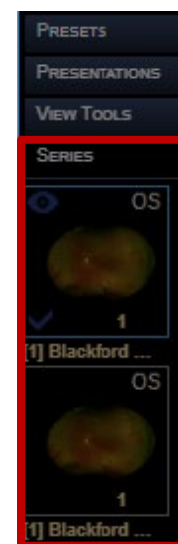
OptosAdvance™ Auto-Montage



Automatic Auto-Montage Process

Processing time to montage images depends on the number of images captured and office network speeds.

- 1 | From the device, capture an **On-Axis** image (always required).
- 2 | Select **Eye Steering** on the device tablet and choose the desired quadrant(s).
 - a. Capture one to four additional steered images.
 - b. When capturing more than one like image, the montage process uses the most recent image captured.
 - c. Montage does not recognize images with a patient looking up/down/right/left without changes to the Eye Steering fixation target.
- 3 | **Exit** your imaging session with the device.
- 4 | **Open** OptosAdvance.
 - a. Successfully montaged images appear as a new **Series** in the left-hand menu thumbnails labeled Blackford Montage.
- 5 | **Drag and drop** the desired montaged image thumbnail into a viewport.



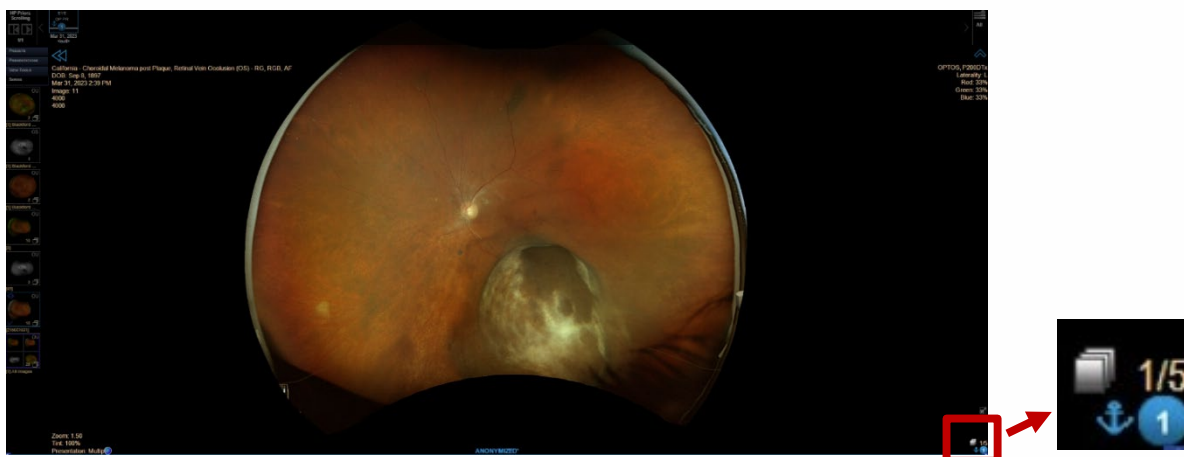
- 6 | To review the individual images, select **Hang. Prot.** Icon from the toolbar and select the desired modality stage or **drag and drop** the individual image Series from the left-hand thumbnail menu in the viewport.



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- 7 | Use the scroll when on your mouse to view the individual images. Images available are indicated in the bottom right of the viewport.



User-Specified Montage Process

To process montaged images on demand, follow the steps below. Processing time to montage images depends on the number of images captured and office network speeds.

- 1 | From the left-hand thumbnail menu, **Right-Click** the desired series and select **Send Series to Optos Montage**.
- 2 | To montage specific images, display the images in the viewports, **Right-click** each desired image and select **Send Image to Optos Montage**. An On-Axis image is required.
NOTE: Each image must be sent within 20 seconds of the previous image. If 20 seconds pass with no received images, the montage process will begin.
 - a. Successfully montaged images appear as a new **Series** in the left-hand menu thumbnails labeled Blackford Montage.
- 3 | Follow Steps 5 through 7 from the above section to review the images.

