Optos*Advance*™ Auto-Montage

Contents

Purpose

This document provides an overview of the auto-montage feature of Optos*Advance*, inclusive of the automated process and the user-initiated process.

Auto-Montage Overview

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

Auto-montage works with both **opto**map *color* imaging modes and both **opto**map *af* imaging modes. It is not designed to work with **opto**map *fa* or **opto**map *icg*.

Automatic Auto-Montage Process

- Central gaze image is always required.
- Additional gaze images must be steered using the fixation target; the touchscreen gaze indicator must be used.
  Note: Images with patient looking up/down/right/left without changes to the fixation target are not recognized as steered so they will not montage.
- The central gaze image can be montaged with one to four images taken at other fixation points.
- Images in a series are automatically set to montage. Successfully montaged images appear as a new series (*Screenshot 1*).
  Note: When more than one image of a gaze is captured, the most recent image is used.
- Please allow processing time to montage images.
- The process is fully automatic; no user intervention is needed.
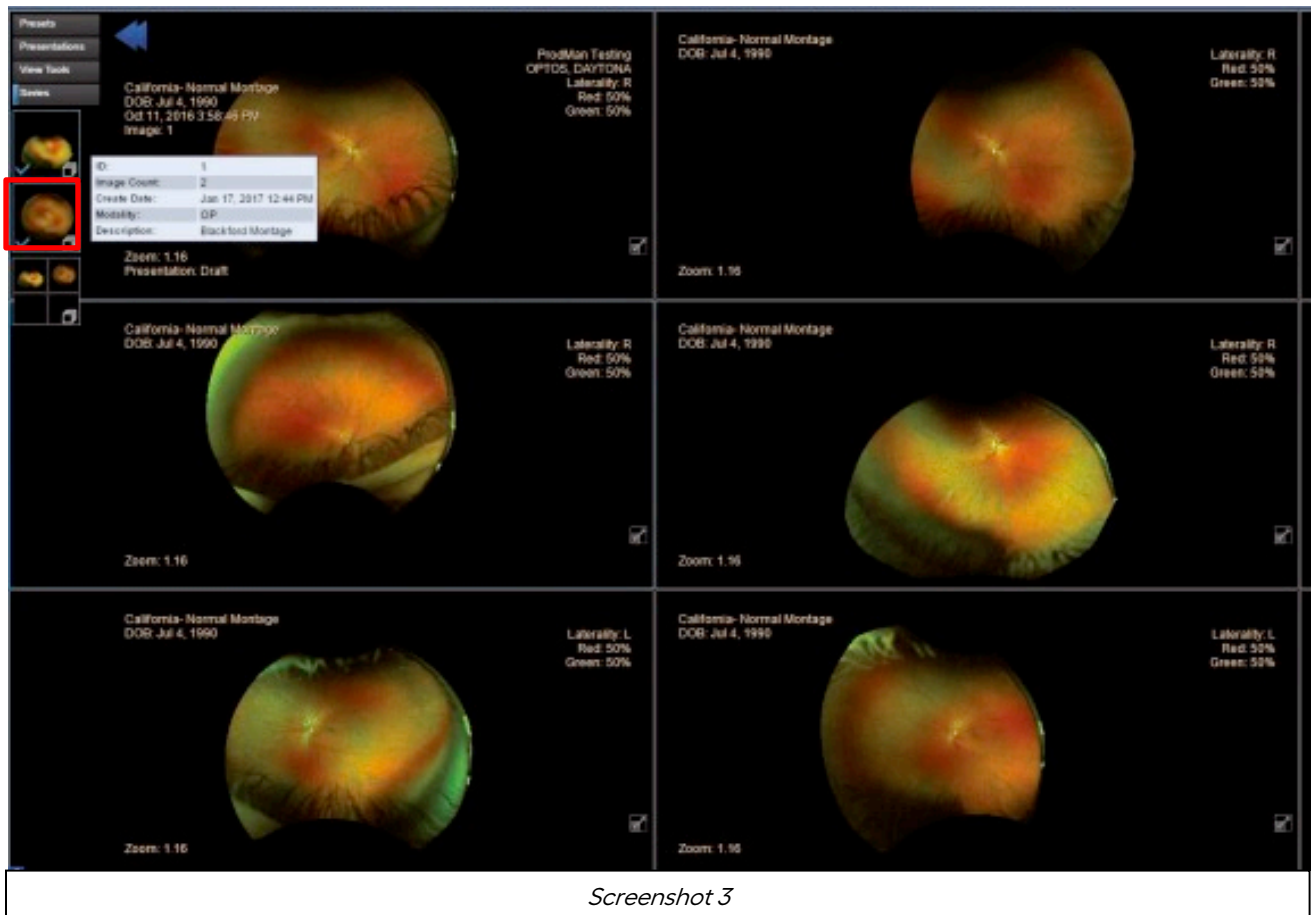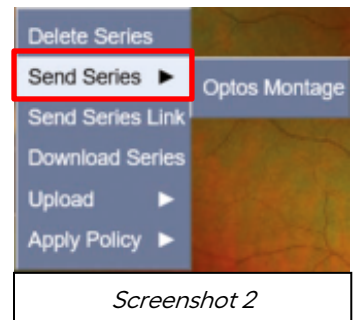

Screenshot 1

OptosAdvance™ Auto-Montage

User-Specified Auto-Montage Process

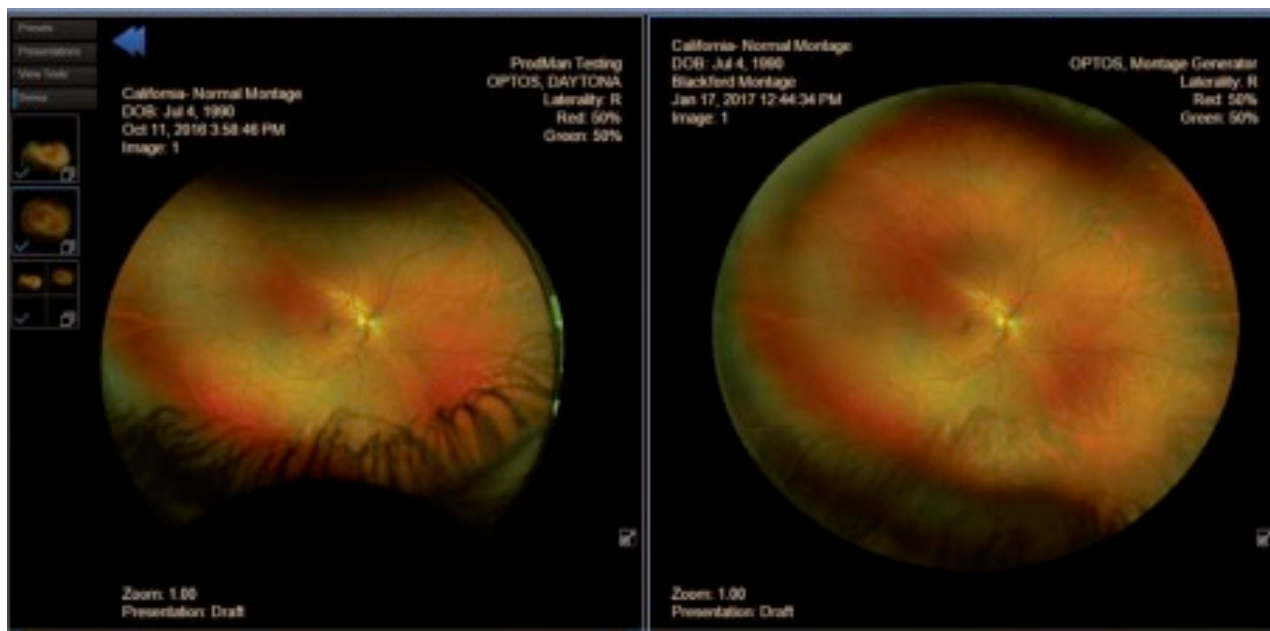This process should be followed to montage a series on-demand.

- To montage a series on demand, right-click on the desired series and then **Send Series** to Optos Montage *(Screenshot 2)*.
- To montage specific images, display the images, right-click and then **Send Series** to Optos Montage.
  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.
- The new series will appear in the series list on the left with the montage image *(Screenshot 3)*.

Screenshot 2

Screenshot 3

Single Image vs. Montage

Screenshot 4 below is a side-by-side comparison of a single image vs. a five-image montage.

Screenshot 4

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