Imaging and Positioning Tips

Contents

Purpose

The purpose of this document is to provide guidance on capturing quality images and providing tips on eye steering and lid holding techniques for *Daytona* devices.

Positioning Tips

- Have the patient sit up straight and close to the device.
- Adjust the table up or down to align the tip of the nose with the top of the eye hole (aperture).
- Instruct your patient to place their hands on the table on each side of the device or place their hands on their lap for stability.
- Instruct your patient to look into the camera with one eye as if they are looking through a keyhole *(forehead should be touching the face pad)*.
- Inform the patient they will see a blue light and they should slowly follow the blue light in, forehead first, until it turns green and is centered in the crosshairs (in alignment). A red light means the patient moved too close and should back away slightly until it turns green.
- With the patient in alignment, instruct them to hold both eyes wide open and advise that there will be a bright flash of light.
- Tap the tablet on the alignment window to capture the image.

Note: The patient will see the same colors that you see on the tablet. Use this as a guide to provide positioning instructions.

Positioning Visual

1 | Instruct the patient to sit up straight and look straight ahead, moving the chair forward so that they are directly in front of the device.
2 | Adjust the table so that the tip of the nose is parallel with the top of the aperture.
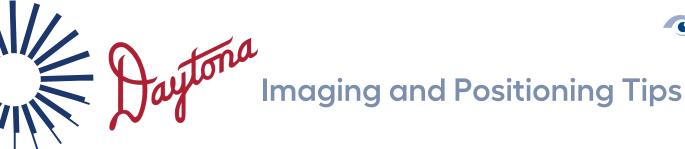
3 | Have the patient turn their head slightly to the side, with their nose on the outside of the aperture, and slowly follow the blue light in until the target turns green and is centered in the crosshairs, which means they are in alignment.

4 | With the patient in alignment, instruct them to hold both eyes wide open and advise that there will be a bright flash of light as the image is captured.

5 | Tap the viewport on the tablet to capture the image.

General Tips
- The patient's head should be turned slightly so that their nose is not pushing against the face pad.
- Instruct the patient to raise their eyebrows and open both eyes as wide as possible to minimize the presence of lid and lash.
- If the patient has a pronounced eyebrow, they should open both eyes wide before they move into position.
- If the patient cannot locate the blue target, instruct them to sit back, close the eye not being imaged, follow the target in, and then open both eyes wide.
- If the patient has an IOL or very small pupils, image while the target is slightly in the red.
- If the patient is dilated, image while the target is slightly in the blue.
- If the patient had a YAG, image while the target is slightly in the red and make sure to be centered in the unobstructed area.

Eye Steering Tips
- Instruct the patient to follow the target with their eyes.
- Recenter the target in the crosshairs prior to imaging a different quadrant of the retina.
- When capturing superior images, instruct the patient to move their chin down until they

see the light.
- When capturing inferior images, instruct the patient to raise their chin up slightly until they see the light. Lift the upper lid when you are ready to capture to minimize lid and lash presence.
- Adjustment of the table height may be required to re-center the pupil for superior and inferior gazes.

Lid Holding Tips

- Instruct the patient to move their head about 1-inch away from the device.
- Use a long cotton swab or your index finger to hold up the lid right below the brow bone and closer towards the nose.
    - If you hold the lid toward the canthus you will raise the lower lid.
    - If you hold the lid too close to the eyelash margin your finger will show in the image.
    - Some patients may require holding both eyelids.
- Once your index finger or cotton swab is in position, have the patient slowly move forward.

Optos UK/Europe
+44 (0)1383 843350
ics@optos.com

Optos North America
800 854 3039
usinfo@optos.com

Optos DACH
DE: 0800 72 36 805
AT: 0800 24 48 86
CH: 0800 55 87 39
ics@optos.com

Optos Australia
+61 8 8444 6500
auinfo@optos.com

Contact us:

© 2024 Optos. All rights reserved. Company Registration Number: SC139953   Page **4** of **4**   G-110008/3   0197