Instructions for patients

- Sit in the exam room with the lights dimmed for five minutes to allow their pupils to dilate.
- Remove eyeglasses. Contacts can remain in place.
- Sit up straight.
- Look forward and hold head still.
- The right eye will be imaged first, then the left.
- Keep both eyes open as wide as possible and limit blinking.
- Follow the green dot inside the camera.

Tips for success

1. Hold the camera level and in line with the patient’s eyes. The patient’s chin should be level with the camera.
2. The face cup must touch the patient’s face. Firmly press the face cup to the patient’s face to keep light from entering during image capture.
3. Brace your arms against your body to help keep the camera steady.

Learn more
For quick reference to the techniques described here and additional troubleshooting, refer to the RetinaVue® 700 Imager Technique Video Guide at www.RetinaVue.com.

To learn more about the RetinaVue® 700 Imager, order replacement parts, or reference the complete Directions for use and other documentation, visit www.RetinaVue.com.

Troubleshooting

Problem: Blink
Solution: Refer to the technique in this guide and try again.

Problem: Dark image
Solution: Refer to the technique in this guide and try again.

Problem: Dirty lens
Solution: Clean the camera lens with a non-abrasive wipe.

Problem: Washed out image
Solution: Have the patient slightly tilt their head back during the image capture.

Getting started

- The RetinaVue 700 Imager is designed to make retinal imaging fast and easy.
- Familiarize yourself with the imager and the techniques in this guide before using it with patients.
How to acquire retinal images with a RetinaVue® 700 Imager

1 **Pre-exam camera position**
   Touch **START EXAM**.

2 **Approach to patient**
   1. Position the camera about 4 inches directly in front of your patient.
   2. Keep the camera **level** and **in line** with your patient’s eyes.
   3. Brace your arms against your body to help keep the camera steady.
   4. Move the camera toward the patient and align the yellow circle to the patient’s right pupil.

3 **Camera placement on face**
   Place the face cup firmly on the patient’s face. Do not hover near the face with the camera. Keep the camera **level**.

   **Note** After placing the face cup firmly on the patient’s face, the right pupil should be visible within the screen.

4 **Pupil alignment**
   1. If the pupil is located above or below the yellow circle, as shown below, slide the camera slightly up or down on the patient’s face to align the yellow circle to the pupil.

      ![Image of camera alignment](image1.png)

   2. If needed, touch **<** or **>** to align the yellow circle to the pupil.

5 **Alignment confirmation**
   1. Ask the patient “Can you see the **entire** plus sign?”

   ![Image of alignment confirmation](image2.png)

   2. Inform the patient the plus sign will transition to a green dot.
   3. Ask the patient to follow the green dot.

6 **Image capture**
   1. Press the face cup **firmly** against the patient’s face and then touch **START**.

   ![Image of image capture](image3.png)

   2. Hold steady until the image is captured.

   Once the image is captured, the camera will automatically move to the left eye.

   3. Repeat the steps to align the yellow circle to the pupil and capture an image of the left eye.

7 **Quality assessment**
   Once you capture both eyes, check the onscreen images for their quality scores.

   ![Image of quality assessment](image4.png)

   **Note** If needed, touch **L-RET** to acquire another image.

8 **Save and submit**
   To save or submit images, touch **9986 L-RET** to proceed to the Exam Summary screen.