

## When To Perform AdaptDx Testing

*A key component to the successful implementation of dark adaptation testing is understanding when to perform it during the exam, whether that is during pretest, dilation, or at the end of the examination. Below are answers to frequently asked questions for implementing dark adaptation testing into your practice flow around other procedures that may or may not impact the results of the test:*

**Q: How long do I need to wait after performing optomap ultrawidefield imaging before I can perform a dark adaptation test on my patient?**

A. The **optomap**® ultrawidefield image is not taken with a traditional fundus camera, but instead incorporates low-powered laser wavelengths that scan the retina to produce an image. A dark adaptation test can be performed directly after capturing an **optomap** image.

**Q: I was previously instructed to wait 30 minutes before doing a dark adaptation test after performing optomap ultrawidefield imaging on my patient. Has anything changed with how dark adaptation is measured with the AdaptDx Pro?**

A. No, the AdaptDx® and AdaptDx Pro® still use the same testing protocols that they have since they were launched. Initial studies of dark adaptation testing were done with traditional fundus cameras utilizing bright flashes of light during image acquisition. With the widespread adoption of the **optomap** in our customers' practices, we evaluated the effects of this digital scanning laser ophthalmoscope on dark adaptation test results. We determined that a dark adaptation test can be performed directly after capturing an **optomap** image.

**Q: How long do I need to wait before doing dark adaptation after performing traditional fundus photography on my patient?**

A. Traditional fundus cameras that require a flash exposure to produce the retinal images will bleach the photoreceptors. Therefore, as previously advised, the patient should wait 30 minutes to allow for photoreceptor recovery before undergoing dark adaptation testing.

**Q: How long do I need to wait before doing dark adaptation testing after performing optical coherence tomography (OCT) on my patient?**

A. OCT systems do not produce a flash. Therefore, dark adaptation testing can be performed directly after an OCT image is captured.

**Q: Can dark adaptation be performed after slit lamp evaluation?**

A. Yes. However, dark adaptation should be performed prior to evaluation with any non-contact fundus lenses. If non-contact fundus evaluation has already been completed, the patient should wait 30 minutes to allow for photoreceptor recovery prior to undergoing dark adaptation testing.

**Q: Can dark adaptation be performed when the patient is dilated?**

A. Yes. Dilation does not affect the speed of dark adaptation. However, dark adaptation should be performed prior to binocular indirect ophthalmoscopy (BIO). If BIO has already been completed, the patient should wait 30 minutes to allow for photoreceptor recovery before undergoing dark adaptation testing.