

# Depth Perception Test

## Patient Information

Name: Oliver Lee

Age: 28

Gender: Male

Date: February 27, 2024

Occupation: IT Specialist

## Reason for Consultation

Oliver presents with complaints of occasional difficulty in focusing on objects both at near and far distances, especially during prolonged periods of reading or computer work. He also reports struggling with depth perception, particularly when attempting precise tasks such as threading a needle or catching a ball.

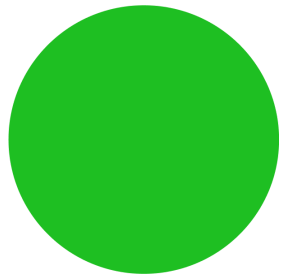
## Initial Depth Perception Testing

1. Ask the patient to hold up their index finger midway between their eyes and the circle printed on paper.
2. Instruct the patient to focus on the circle. Ask them what they see. What does their finger look like?
3. Now, instruct the patient to focus on their finger. Ask them what they see. What does the circle look like?

## Remarks

Patient reports only seeing one finger when asked to focus on the circle. When asked to focus on his finger, he also only sees one circle.

- One finger is easier to see than the other
- One finger is larger than the other
- Fingers appear and disappear
- One finger drifts directly over the circle, while the other finger is far to the left or right
- Patient only sees just one finger



<b>Standardized Test Results</b>	
<b>Test</b>	<b>Score/Remarks</b>
Random Dot Stereogram	<p>Patient was able to correctly identify the three-dimensional shape at the 500 seconds of arc level but was unable to perceive depth at the 250 seconds of arc level.</p> <p>This indicates moderate stereopsis, suggesting the patient has good but not excellent depth perception. There seems to be a limitation in fine stereopsis discrimination.</p>
Titmus Fly Test	<p>Patient successfully identified all wings of the fly indicating gross stereopsis is intact. Circles test: patient correctly identified images 1 to 7 out of 9 circles.</p> <p>Depicts normal stereoscopic vision for larger disparities; however, the patient shows some difficulty in discerning finer depth cues which are apparent in the higher numbered circles.</p>
Frisby Test	Not administered
Howard-Dolman Apparatus Test	<p>Patient's depth judgments were accurate at a test distance of 2 meters with an average error of 0.5 cm.</p> <p>Patient demonstrates average stereopsis. The small error margin indicates consistent depth judgments, reflective of adequate binocular visual function.</p>
Graded Circle Test	Not administered