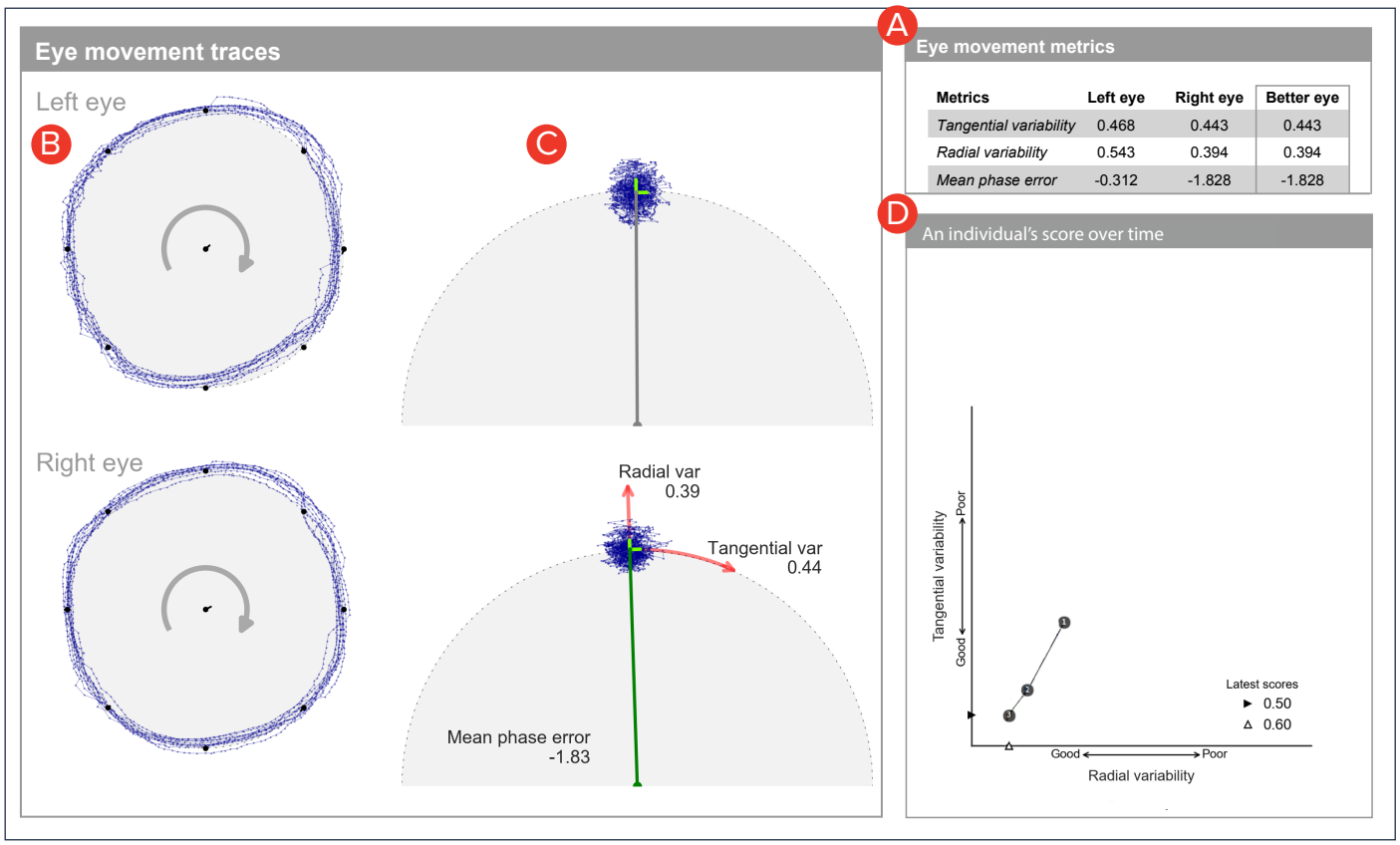
What does the EYE-SYNC Smooth Pursuit report show?



Metrics	Left eye	Right eye	Better eye
Tangential variability	0.468	0.443	0.443
Radial variability	0.543	0.394	0.394
Mean phase error	-0.312	-1.828	-1.828

A After completing the EYE·SYNC smooth pursuit assessment, the clinician receives a report with metrics measuring the individual's radial (or spatial) variability and tangential (or timing) variability, as well as the mean phase error of the eye compared to the target. The lower the score, the better dynamic visual orientation.

B The first plot shows the trajectory of the eye position during tracking of the circular motion of the target. Each blue dot represents an eye position captured by the camera.

C The second plot shows the variability of eye positions around the target. The green or red bar indicates good or poor mean phase error of the eye compared to the target respectively.

D The graph diagram shows an Individual's radial and tangential score compared to prior results.

What does the EYE-SYNC Saccade report show?

EYESYNC®

Saccade Report

Assessment ID: 920967bc-198d-4eae-bdc6-c35893a48410
Date of testing: ---------
Action taken: No action taken
Comments: ---------

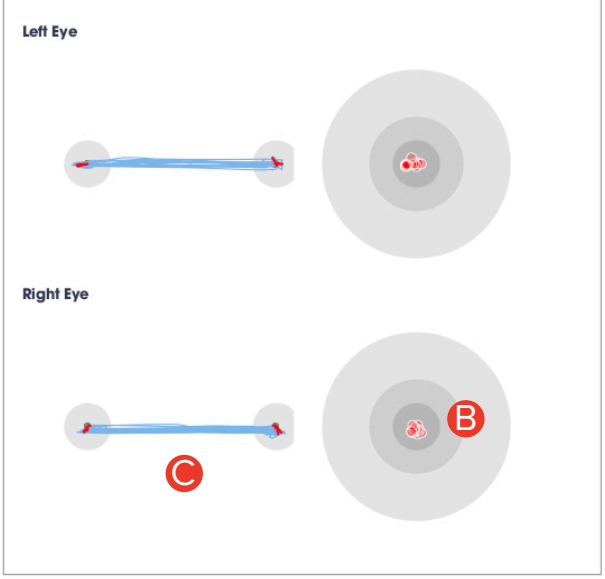
Disclaimer: The eye tracking information on this report is provided as an information resource only, and is not to be used or relied on for any diagnostic or treatment purposes. This information is not intended to be patient education, does not create any patient-physician relationship, and should not be used as a substitute for professional diagnosis and treatment.

Eye Movement Metrics

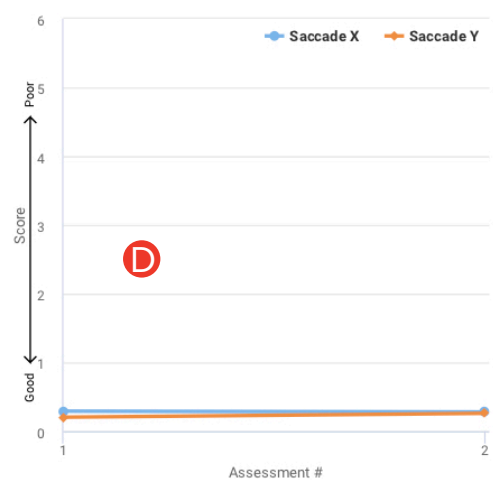
Metrics	Left Eye	Right Eye	Better Eye
Accuracy X	-0.52	-0.05	-0.05
Accuracy Y	-0.02	-0.34	-0.34
Accuracy XY	0.71	0.46	0.46
Precision X	0.59	0.28	0.28
Precision Y	0.21	0.26	0.26
Precision XY	0.39	0.22	0.22

A

Eye Movement Traces



Measurement History



A After completing the EYE·SYNC Saccade assessment, the clinician receives a report with metrics measuring the individual's eye tracings between targets and a precision score. This is where the precision scores are located. The precision value reflects how well the individual is able to repeatedly land their eye position in the same place as they move from one target to another. The lower the score, the better precision.

B This is a visual illustration of where the eye lands in regards to the target and other eye positions during the assessment. This is a visual display of the precision (or lack of precision) metrics included in the report.

C Each eye position recorded by the camera is shown here in small blue dots. It is ideal for the lines to be as straight and close together as possible. This is where you will visualize and identify saccade like jerking recorded and included in the report.

D The graph diagram shows an individual's results as compared to prior performance.

What does the EYE-SYNC VOR report show?

EYESYNC®

VOR Report

Assessment ID: 71ed129c-bf49-49bc-a078-a02d12c0dcf0
Date of testing: ---------
Action taken: No action taken
Comments: ---------
Motion type: Horizontal

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Eye Movement Metrics

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Metrics	Left Eye	Right Eye	Better Eye
Accuracy X	0.39	0.26	0.26
Accuracy Y	0.42	-0.39	-0.39
Precision X	1.53	1.27	1.27
Precision Y	0.37	0.30	0.30

Eye Movement Traces

Measurement History

A After completing the EYE·SYNC VOR assessment, the clinician receives a report with metrics measuring the individual's variability around the target position while the head is moving. This is where the precision scores are located. Precision X is the value to note after a horizontal VOR assessment is completed. Precision Y value is noted after vertical VOR assessment.

B This plot shows the eye position during fixed gaze on the target. Each navy blue dot represents an eye position captured by the camera. It is ideal to see the blue lines bunched along the X-axis and centered around the red dot in the middle (for a horizontal test) and along the Y-axis for a vertical test.

C The graph diagram shows an individual's results as compared to prior performance.