



2019 SyncThink System Coding Guide

EYE-SYNC is a non-invasive, mobile eye tracking system that can objectively identify impairments related to oculomotor and vestibulo-ocular function. Developed by SyncThink, Inc, EYE-SYNC includes the use of a modified virtual reality (VR) goggle equipped with infrared cameras and emitters sampling at a rate of 60 Hz. The goggle components work simultaneously to capture and record the movement of each eye of the patient while the patient maintains gaze on a target provided in the goggles. During each test administration, EYE-SYNC uses proprietary metrics to quantify the variance of eye tracking performance, which are displayed for clinician interpretation immediately following test completion.

The EYE-SYNC battery consists of four distinct assessments: Saccade, Smooth Pursuit, Vestibulo-Ocular Reflex (VOR), and Vestibulo-Ocular Reflex Cancellation (VORx). Each assessment can be administered by a trained clinician, who may utilize objective data produced to support clinical diagnosis and provide recommendations regarding treatment. EYE-SYNC paradigms can also be utilized for therapeutic purposes designed to improve eye tracking performance over time, at the discretion of the trained clinician and where indicated.

ICD 10CM	Diagnosis
H55.0	Nystagmus
H55.00	Unspecified nystagmus
H55.03	Visual deprivation nystagmus
H55.04	Dissociated nystagmus
H55.09	Other forms of nystagmus
Assessment	
92540	Basic vestibular evaluation, includes spontaneous nystagmus test with eccentric gaze fixation nystagmus, with recording, positional nystagmus test, minimum of 4 positions, with recording, optokinetic nystagmus test, bidirectional foveal and peripheral stimulation, with recording, and oscillating tracking test, with recording
92541	Spontaneous nystagmus test, including gaze and fixation nystagmus, with recording
92545	Oscillating tracking test, with recording
92547	Use of vertical electrodes (List separately in addition to code for primary procedure)
Recovery	
97110	Therapeutic procedure, 1 or more areas, each 15 minutes; therapeutic exercises to develop strength and endurance, range of motion and flexibility
97112	Therapeutic procedure, 1 or more areas, each 15 minutes; neuromuscular reeducation of movement, balance, coordination, kinesthetic sense, posture, and/or proprioception for sitting and/or standing activities

¹ American Medical Association (AMA), 2019 Current Procedural Terminology (CPT), Professional Edition. CPT codes and descriptions only are copyright 2018 AMA. All rights reserved. The AMA assumes no liability for data contained herein. Centers for Medicare & Medicaid Services (CMS), 2019 Healthcare Common Procedure Coding System (HCPCS) codes, available at <http://www.cms.gov/Medicare/Coding/HCPCSReleaseCodeSets/Alpha-Numeric-HCPCS.html>.

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