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COMPUTERIZED VESTIBULAR RETRAINING THERAPY (CVRT) STATE OF THE ART CLINICALLY PROVEN

Dizziness and Imbalance from:

- Concussion
- Illness
- Aging

Affects 1/3 of the population.
Falls due to dizziness are a leading cause of accidental death.

Standard balance treatment therapies are ineffective in 2/3 of patients.

Computerized Vestibular Retraining Therapy

The CVRT dizziness and vestibular injury drills protocol is an AI driven automated rehabilitation therapy delivered on a harnessed moving platform with augmented biofeedback and virtual reality. A revolutionary multimodal approach to interactive dynamic posturography, the CVRT has been clinically proven to promote vestibular neuroplasticity, improve global balance function, and reduce falls.

Treatment compromising twelve 45 minute sessions over 6 weeks has been scientifically developed and peer reviewed.

Clinically proven to reduce disability in 85% of all dizzy patients. Greater than 90% of moderate to severe patients experienced improvement by 3- 5x the clinically meaningful margin.

Objective balance metrics were improved in all moderate to severe patients. Post treatment, 85% of patients performed within normal limits on verified balance function tests.

47% reduction in Fall Risk.

Durability of treatment lasts at least 12 months

1. David EA, Shahnaz N. Fall Risk and Functional Stability Before vs After Computerized Vestibular Retraining Among Adults With Unilateral Vestibular Deficits. JAMA Otolaryngol Head Neck Surg. 2022;148(9):888–889. doi:10.1001/jamaoto.2022.1953
2. David EA, Shahnaz N. Patient-Reported Disability After Computerized Posturographic Vestibular Retraining for Stable Unilateral Vestibular Deficit. JAMA Otolaryngol Head Neck Surg. 2022;148(5):426–433. doi:10.1001/jamaoto.2022.0167
3. Interview with Eytan A. David, MD, author of Patient-Reported Disability After Computerized Posturographic Vestibular Retraining for Stable Unilateral Vestibular Deficit. Hosted by Joseph P. Bradley, MD. JAMA Otolaryngology–Head & Neck Surgery. March 31, 2022. Audio Author Interview 15 min 36 sec