

*Diagnostic Tool for Accurately Identifying Vestibular Issues*

# RealEyes™ Infrared Video Goggles System

The RealEyes™ Video Goggles System allows Marianjoy clinicians specializing in balance and vestibular issues to observe, evaluate, and record the eye movements of patients during testing and treatment. Clinicians are able to diagnose and treat patients with dizziness and vestibular disorders by differentiating between central and peripheral vestibular pathology.

## How do the RealEyes™ Video Goggles work?

RealEyes™ Video Goggles use infrared video cameras for monitoring and recording eye activity during a vestibular assessment. The eye activity is displayed on a monitor for ease of observation by the clinician.

## Who may benefit from the RealEyes™ Video Goggles?

Individuals who may have central and peripheral vestibular pathology.

## What are the advantages of using the RealEyes™ Video Goggles?

The infrared video goggle system has been highly successful in diagnosing and treating Benign Paroxysmal Positional Vertigo (BPPV). The system blocks a patient's ability to fixate their eyes on something in the environment, improving the clinician's ability to see the direction of the nystagmus and record the eye movements for further review following the initial assessment. It also allows the therapist to diagnose differentially between central and peripheral vestibulopathy.



MARIANJOY

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The **Marianjoy Assistive Rehabilitation Technology Institute** offers solutions to everyday problems of daily living encountered by individuals with disabilities. The Institute consists of seven distinct centers which apply advancements in technology to benefit individuals with disabilities through maximizing functional independence, as well as expanding educational, vocational, recreational, and communicative opportunities.

- **Assistive Communication and Daily Living Center**
- **Balance and Vestibular Center**
- **Driver Rehabilitation Center**
- **Gait Analysis and Mobility Center**
- **Prosthetic and Orthotic Center**
- **Swallowing and Voice Center**
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