

The Dynavision D2 System

The Dynavision D2 system is a progressive visual evaluation and training system. Clients with visual-motor and/or attention impairments benefit from this tool. The D2 system offers customized programs to enhance visual performance and independence through the simulation of real-life activities.

Individuals who may benefit from the Dynavision D2 system include those with:

- Acquired neurological disorders, such as stroke and traumatic brain injury
- Developmental disabilities, such as Cerebral Palsy, ADHD, or visual field deficits

How does the Dynavision D2 system work?

Visual retraining can enable an individual to return to a wide variety of activities, including basic daily tasks, driving, and even athletics.

This system is emerging as the cutting-edge choice for neurological rehabilitation and beyond. It is ideal for addressing peripheral awareness; hand-eye coordination; visual scanning and attention; visual reaction time; and processing time. The D2 system also addresses motor skills, cognitive processing, and vestibular/balance disorders, allowing for integrated multi-system rehabilitation.

The programs are fully customizable, with options for varying light speed, light color, size of visual field, duration of the program, and complexity with multitasking variables. Speed and accuracy are recorded, and the difficulty of the task can be changed from simple to complex through the system's software. The multisensory feedback lends itself well to addressing visual performance levels. Its unique T-scope feature enables therapists to challenge advanced skills by requiring identification of numbers (one to four digits) or words, while simultaneously striking targeted lights in the periphery.

Improving Driver Rehabilitation Results

Research has highlighted its use in driver rehabilitation. The D2 system offers programs specifically designed to assess driving performance, and a positive correlation has been documented between an individual's performance with the D2 system and their behind-the-wheel driving success.



The **Marianjoy Assistedive Rehabilitation Technology Institute** offers solutions to everyday problems of daily living encountered by individuals with disabilities. The Institute consists of seven distinct centers that apply advancements in technology to benefit individuals with disabilities through maximizing functional independence, and 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**
- **Wheelchair and Positioning Center**



To make an appointment or
for more information, call

630-909-7150

or visit Marianjoy.org