**OUTPATIENT REHABILITATION CENTER** 

LAWRENCE **REHABILITATION HOSPITAL** 

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**f** in



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## A COMMITMENT TO EXCELLENCE IAT SPANS FIVE DECADES

The Outpatient Rehabilitation Center at Lawrence Rehabilitation Hospital is your trusted healthcare resource with a long history of providing therapy with expert knowledge, compassion, and attention to detail.

The outpatient team at Lawrence Rehab was knowledgeable and caring in treating my vestibular vision issues. I felt that they understood what I was experiencing and used their expertise to find the best path to recovery. I am grateful for their time and patience.

- Diane R., Vestibular Rehabilitation Client



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OUTPATIENT **REHABILITATION CENTER** 

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Vestibular Rehabilitation, **Balance & Concussion Program** 

Learn to Live Without Dizziness

## Vestibular Rehabilitation Therapy (VRT) & Balance Program

Vestibular rehabilitation therapy involves exercises that help address problems with dizziness and balance. A comprehensive evidence-based approach is applied by our certified therapists to address the multifactorial nature of these issues.

An individualized treatment program is established by our highly-trained therapists, based on the results of a thorough assessment and the patient's specific goals. They work diligently to address balance and walking difficulties, motion sensitivity, visual disturbances, fall risk, neck pain and other musculoskeletal issues.

**Benefits of participation in** our vestibular rehabilitation and balance program include reduction in risk for falls, increased strength, balance improvement, improved visual stabilization. reduction in dizziness symptoms, and improved quality of life.



# **EVALUATION WITH** MODERN **TECHNOLOGY**

Our VRT & Balance Program may help support people with the following conditions known to contribute to Vestibular and balance disorder:

- Benign Paroxysmal Positional Vertigo (BPPV)
- Concussion
- Vestibular Neuritis (Inner Ear Infection)
- Multifactorial Disequilibrium
- Acoustic Neuroma
- Cervicogenic Vertigo
- **Migrainous Vertigo**
- Meniere's Disease
- Persistent Perceptual Postural Dysfunction (3PD)
- Central Nervous System Disorders (Multiple Sclerosis, Stroke)
- **Exposure to Industrial Chemicals**
- Chemotherapy and some Antibiotic Treatments
- Peripheral Neuropathy



State-of-the-art equipment is used to assess each patient to maximize benefits of therapy.

#### The NeuroCom Balance Master

uses a highly sensitive force plate connected to a computer to measure a patient's center of gravity. This assists in identifying and addressing specific balance impairments.

### InVision Software & vHIT

track and measure eye movements to assist in identifying and treating impairments that contribute to dizziness, visual disturbances and reduced balance.

#### Infared Video Goggles

allow the therapist to record and interpret eye movements that provide valuable information about a patient's specific impairment.

## **GETTING STARTED**

Your doctor may provide you prescription for physical therapy. You can also initiate a self-referral without a prescription

**Balance Master** 

Cognitive: Assessment and treatment of memory, attention, processing speed, articulation and comprehension, including the Attention Process Training (APT) tool.

## CONCUSSION REHABILITATION PROGRAM

**Research indicates that early** intervention allows for the best long term outcomes, and minimizes time lost from work, school, and sports.

### We conduct a multisystem evaluation resulting in an individualized treatment plan.

**Oculomotor System:** Testing and retraining coordinated eye movements like scanning, convergence/divergence, accommodation and saccades to allow for reading, use of a computer, driving and return to sports.

Vestibular: Assessment and treatment of dizziness, vertigo and motion sensitivity, including BPPV

**Balance Function:** Assessment and treatment of balance responses including use of NeuroCom



Musculoskeletal System: Evaluation and treatment of the neck as well as overall muscle strength, flexibility, and coordination

Return to Sport: The Buffalo Concussion Treadmill Test is administered to determine safe exercise parameters, when appropriate

Return to School or Work: Therapists support in your transition back to work or school

Thorough Assessment & Personalized Treatment