

Research

The Division of Movement Disorders' research focuses on identifying the causes of movement disorders, as well as improving diagnosis and treatment.

The primary goal is to identify the most effective interventions and continue progress toward an eventual cure. With a team of 15 researchers who work in conjunction with scientists at universities across the country, the Division provides patients with access to the most advanced knowledge and treatments in the field. The program is also dedicated to teaching medical and doctor of philosophy students, residents, fellows and allied health students.

Outreach and Education

The Bill Collins Parkinson's Patient Resource and Education Center, provides patients and their families with support groups, patient assistance for medications, and the latest technology to research and learn more about their disease. In addition, Frazier Rehab Institute and U of L, in partnership with the Parkinson's Support Center of Kentuckiana, provide multiple community programs dedicated to early detection and management of movement disorders.

Continuing education is also provided to physicians and allied health professionals regarding movement disorders, the diagnosis of these diseases, and the most recent developments in the management and treatment of the disorders.



Movement Disorders Program



For more information, call (502) 582-7654 or visit www.frazierrehab.org.



Frazier Rehab Institute

A service of Jewish Hospital & St. Mary's HealthCare

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Louisville, Kentucky 40202
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Through a unique partnership between Frazier Rehab Institute and the University of Louisville Division of Movement Disorders, the Movement Disorders Program at Frazier Rehab and Neuroscience Center provides a comprehensive clinical approach to care for individuals with Parkinson's disease and other movement disorders. This collaboration brings together world-class research with innovative therapeutic care and education that has been recognized by the National Parkinson Foundation as a Center of Excellence.

The highest designation awarded by the National Parkinson Foundation, a Center of Excellence provides national leadership in research, clinical care and outreach education for Parkinson's disease. The Division of Movement Disorders follows this same standard of care for all of the diagnoses it serves, including:

- Parkinsonian disorders including Parkinson's disease, Progressive Supranuclear Palsy, Corticobasal Degeneration, Dementia with Lewy Bodies, and Multiple System Atrophy
- Frontotemporal Dementia
- Creutzfeldt-Jakob Disease
- Vascular Dementia
- Huntington's Disease
- Tremor disorders such as Essential Tremor
- Dystonic disorders
- Myoclonic disorders
- Tic disorders
- Cerebellar Ataxia
- Stiff Person Syndrome



Interdisciplinary Team of Experts

The Movement Disorders Program is an interdisciplinary rehab program that provides access to rehab therapy, neurological treatment, psychological treatment and more, all in one location.

The professional staff includes:

- Neurologists specializing in movement disorders
- Neurosurgeon
- Speech-Language Pathologists
- Physical Therapists
- Occupational Therapists
- Neuropsychologist
- Psychologists
- Case Manager
- Genetic Counselor

The interdisciplinary team meets weekly to discuss outpatients and daily to discuss inpatients in order to develop the most effective, individualized treatment plan. The patients and families are considered vital members of this team.

Therapeutic Care

Because achieving an accurate diagnosis is essential to finding the right treatment for movement disorder patients, patient care begins with an in-depth evaluation by one of the movement disorder specialists. In addition to a detailed neurological evaluation, patients are also assessed for mental function, psychiatric health, gait and balance, mobility and body function, and overall health and well-being. Once the patient is evaluated, the team develops an individualized treatment plan, which could include physical, occupational, speech and swallowing therapies. Psychological services, social services, medications or surgical options, such as deep brain stimulation, may also be utilized. The overall goal of the program is to help patients maximize function with their disorder.



Unique Features

The new 15-story, state-of-the-art Frazier Rehab and Neuroscience Center is home to Frazier Rehab Institute's 135-bed, acute rehab hospital. The sixth floor is dedicated to providing comprehensive outpatient services for patients with neurological diagnoses, particularly movement disorders. The ninth floor houses inpatients.

Accredited by the Joint Commission, Frazier Rehab Institute combines the expertise of its team with this unique facility to offer the most advanced rehab therapies in an attractive, comfortable environment. Features include:

- Spectacular views of the city skyline in therapy gyms, patient rooms and the multipurpose dining room
- Private family education rooms
- Spacious, comfortable, private patient rooms and bathrooms
- 42-inch plasma screen televisions
- Free cable and internet access

Treatment areas have been specially designed and equipped with the therapy needs of the neurologic patient in mind. Frazier's therapeutic approaches and equipment address difficulty with balance, sitting, mobility, self-care, vision, cognition, behavior, emotions, communication and swallowing.