The Spectrum Health Medical Group Movement Disorders Program offers a patient-centered, comprehensive, multidisciplinary approach to care with the highest level of clinical expertise and medical and surgical evaluation and treatment for patients with movement disorders.

Fellowship-trained neurologists, a functional neurosurgeon who specializes in deep brain stimulation, psychiatrists, neuropsychologists, along with physical, occupational and speech therapists—work together to find solutions that result in optimal outcomes and improved quality of life for each individual patient.
Neurosciences: From Research to Recovery
Spectrum Health Medical Group neuro experts specialize in evaluation, treatment and continuing care for patients with any neurological disease or condition.

**Adult Admissions, Transfers, Emergent Consultations**
888.936.0005

**Referrals and Consultations**
Neurology, Neuropsychology 616.267.7600
Neurosurgery 616.267.7900
Pain Management, PM&R 616.774.8345

**Referral Form**
spectrumhealth.org/neuromd

**More Information**
shmg.org/neuro

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**Conditions We Diagnose and Treat**
- Parkinson’s disease
- Essential tremor
- Dystonia
- Other tremor
- Hemifacial spasm
- Atypical parkinsonian disorders: multiple systems atrophy, progressive supranuclear palsy, corticobasal ganglionic degeneration, Lewy Body dementia
- Tic disorders (this includes Tourette syndrome)
- Huntington’s disease
- Other chorea
- Myoclonus
- Ataxia
- Tardive syndromes
- Wilson’s disease
- Gait disorders

**Diagnostic Capabilities**
- Magnetic resonance imaging (MRI)
- Electromyogram (EMG) and electroencephalogram (EEG) to physiologically characterize abnormal movements
- DaTSCAN™ which can help identify dopamine cell loss
- Neuropsychological testing

**Treatment Options**
- Botulinum neurotoxin (Botox) injections for dystonia, drooling, hemifacial spasms, and tremor with the option of using EMG guidance
- Duopa (levodopa intestinal infusion therapy): patient selection, surgical placement, post-operative programming
- Deep brain stimulation (DBS): patient selection, surgical placement and post-operative programming; traditional “awake” as well as “asleep” (also known as interventional-MRI guided DBS) approaches

**Asleep DBS**
During the traditional approach to DBS, patients are awake during key parts of the procedure. For those patients who cannot tolerate being awake, we are the only hospital in West Michigan to offer interventional MRI-guided DBS, also known as asleep DBS. In this procedure, our specialists use real-time MRI images to guide DBS placement while patients remain under general anesthesia.

**Deep Brain Stimulation (DBS) Fast-track Evaluation Clinic**
Upon referral from one of our movement disorders neurologist, our Deep Brain Stimulation (DBS) Fast-track Evaluation Clinic multidisciplinary team of specialists quickly and conveniently determines if patients are candidates for the procedure. Patients are evaluated in two days in one location. Specialists include:
- Neuropsychologist
- Neurosurgeon
- Occupational therapist
- Physical therapist
- Psychiatrist
- Speech therapist

- Medical therapy
- Physical, occupational and speech therapy: therapy treatment for Parkinson’s disease, therapists certified in LSVT BIG and LOUD treatment protocols

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**Movement Disorders Team**

**Hayden M. K. Boyce, MD, FAANS, FACS**
Medical Education: New York University School of Medicine
Residency: Henry Ford Hospital
Board Certification: Neurosurgery

**R. Ross Coleman, MD**
Medical Education: Vanderbilt University School of Medicine
Residency: University of Michigan Health System
Fellowship: Movement Disorders, University of California, San Francisco (UCSF), San Francisco Veterans Affairs Medical Center

**Emily Ruether, MD**
August 2016
Medical Education: Michigan State University College of Human Medicine
Residency: Mayo Clinic
Fellowship: Movement Disorders, Mayo Clinic

**Chris Kobet, MD**
Medical Education: University of Cincinnati College of Medicine
Residency: University of Cincinnati College of Medicine
Fellowship: Movement Disorders, University of Cincinnati College of Medicine
Board Certification: Neurologist

**Ashok Sriram, MD, MS**
Medical Director
Medical Education: Armed Forces Medical College, India
Residency: Saint Louis University School of Medicine
Fellowship: Movement Disorders, University of Florida
Board Certification: Neurology

**Heather Paas, PA-C**

**Nicole Shellenbarger, PA-C**

**Angela West, PA-C**
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