## **Referral Guidelines**

## **Abnormal/Involuntary Movements**

# Referring provider's initial evaluation and management can include:

- Evaluation depends on type of abnormal movements, and therefore further work-up is generally not recommended prior to the neurology evaluation; unless the PCP is confident in the diagnosis.
- The following may be included in such work-up:
  - · Ataxia: brain MRI
  - Chorea: brain MRI, CMP, TSH and free T4, ESR, antiDNAse B and ASO, serum copper and ceruloplasmin
  - · Dystonia: brain MRI
  - · Myoclonus: brain MRI, CMP
  - Tics: no work-up
  - Tremor: CMP, TSH and free T4, serum copper and ceruloplasmin

#### When to initiate referral:

 Tics that are interfering with activities of daily living, school performance or socialization; otherwise all other movement disorders.

### What records can referring provider send?

- Copies of official reports of studies, if obtained, sent with relevant medical records. If brain-imaging studies completed, please send images on optical media.
- A complete list of all medications used to treat abnormal/involuntary movements along with a list of other medications taken.

# Children's Colorado's workup will likely include:

- Detailed medical history, family history, social history and a very detailed history of the events will be obtained.
- A general medical examination and neurologic examination will be performed.
- Depending on the movement disorder, brain MRI, serum and urine labs, genetic testing and/or spinal tap with metabolic testing may be performed.

#### Who to refer to:

- Patients with abnormal/involuntary movements can be evaluated by any of our general pediatric neurologists.
- Patients with tics that are greater than two years of age and have no other complicated chronic illnesses may be seen by one of our pediatric neurology nurse practitioners or physician assistants.
- Dr. Abbie Collins holds a special Tics, Tremors and Tone Clinic weekly at Children's Colorado's main campus in Aurora.
- Dr. Abbie Collins also offers a Complex Movement Clinic for children with hard-to-treat movement disorders that have been previously seen by one of our providers.
- Please call 720-777-6895 to make an appointment.
- Our neurology staff practice throughout metro Denver and appointments are available at our St. Joseph's, Parker, Broomfield, Littleton and Wheat Ridge locations.

Want to provide information to your patients and families? Tell them to visit childrenscolorado.org/Neuro

### **Contact the Neurology Department**

A Children's Hospital Colorado Pediatric Neurologist is available at all times for consultation and can be reached through OneCall at 720-777-3999 or toll free at 800-525-4871 or by calling the Neurology department directly at 720-777-6895, option 2.

For more information or to schedule an appointment, please call 720-777-6895.

Medical Records: Medical records needed for upcoming appointments in Neurology can be faxed to 720-777-7197.



