



Pre-Conference Session Description

Course Title: Use of Motion Analysis to Identify & Treat Patients with Hereditary Spastic Paraplegia

Presenters:

- Michelle Christie, MD; Neurologist & Neurophysiologist; Texas Scottish Rite Hospital
- Sylvia Ounpuu, MSc; Connecticut Children's Hospital
- Kristie Pierz, MD; Connecticut Children's Hospital
- Allison Scott, MD; Orthopedic Surgeon; Shriners Hospitals for Children
- Lane Wimberly, MD; Orthopedic Surgeon; Texas Scottish Rite Hospital
- Jean Stout, PT; Motion Analysis Therapist; Gillette Children's Specialty Healthcare
- Christina Bickley, PT; Motion Analysis Therapist, Shriners Hospitals for Children

Target Audience: Physicians, Therapists and Orthotists

Course Summary:

This four-hour, synchronous online presentation will provide an overview of HSP from a variety of experienced pediatric clinicians. A review of clinical signs and symptoms that may assist the health care provider in identifying children and adolescents with HSP (that are often misdiagnosed with Cerebral Palsy) will be included. This seminar will also include a discussion of the gait deviations often seen in this population along with possible treatment interventions that may help improve the gait, and function of children and adolescents with HSP.

At the end of the Pre-Conference Session, participants will be able to discuss:

1. Gain an understanding of Hereditary Spastic Paraplegia (HSP)
2. Become familiar with the types of HSP and the symptoms associated with each type
3. Become familiar with the gait patterns often observed in children and adolescents with HSP and how these can differ from those children and adolescents with Cerebral Palsy
4. Gain an understanding of the assessment tools and treatment interventions available to improve the gait and function of children and adolescents with HSP