Step 1 - Online Curriculum Includes:

1. Spasticity Overview
   - Muscle Overactivity Syndromes: Definition and Pathophysiology
   - Spasticity and Other Movement Disorders: Comparison of Spinal and Cerebral Origin Spasticity
   - Spasticity Co-morbidities
   - Effects of Spasticity on Muscle Extracellular Matrix (ECM) in Adults and Pediatrics
   - Impact of Spasticity on Growth and Development - Cerebral Palsy as a Clinical Construct

2. Spasticity Assessment
   - Measuring Spasticity
   - Functional Evaluation and Treatment of Muscle Overactivity
   - Goal Setting for Management of the UMNS with Case Scenarios
   - Foot Volar and Dorsal

3. Common Patterns in Spasticity and Dystonia
   - Common Clinical Patterns of Spastic Limbs and Cervical Dystonia

4. Treatment Options and Considerations
   - Adult and Pediatric Limb Spasticity Management

5. Intrathecal Baclofen Therapy
   - Identify Candidates for Intrathecal Baclofen Therapy
   - Preparation for ITB Screening Test
   - Executing an Intrathecal Baclofen Test Dose
   - Bleeding and Infections: Guidelines for Intrathecal Management
   - Intrathecal Baclofen Dosing and Long-Term Maintenance
   - Intrathecal Baclofen Management
   - Executing a Pump Refill with Ultrasound Guidance
   - Management of Intrathecal Baclofen Withdrawal and Overdose
   - Imaging Intrathecal Delivery Systems
- The Utility of Electrodiagnostic Studies in the Management of Intrathecal Delivery Systems
- Interpreting Laboratory Data Relative to Intrathecal Baclofen Therapy Management
- Off Label Discussions for Intrathecal Baclofen Therapy
- Flex and Bolus Dose Programming

6. Nerve and Motor Point Blocks
- Diagnostic Nerve Blocks
- Phenol and Ethanol Blocks
- Phenol and Alcohol Blocks in Adults and Children
- Motor Point Blocks
- Evaluating Non-response to Treatment with Botulinum Toxin
- Safety Considerations for Botulinum Toxin Injections

7. Botulinum Toxin Injections
- Botulinum Toxin Mechanism of Action and Injection Preparation
- All About Botulinum
- Use of Botulinum Toxin in Pediatric Hypertonia
- Guidance Techniques for Neurotoxin Injections
- Ultrasound Guided Botulinum Toxin Injections for Focal, Task Specific Lower Limb Dystonia
- Ultrasound Guided Botulinum Toxin Injections for Post Stroke Dystonia/Spasticity
- Ultrasound Guided Botulinum Toxin Injections for Dystonia Associated with Cerebral Palsy
- Ultrasound Guided Botulinum Toxin Injections for Task Specific Focal Hand Dystonia
- Demonstration of Ultrasound Guided In-Plane Injections
- Causes for Secondary Non-Response
- Use of EMG for Localization of Gastrocnemius
- Electrical Stimulation
8. Surgical Management for Spasticity
   - What Can Orthopedics Do for Your Patients?
   - Neuro-Orthopaedics: Surgical Treatment of Spastic Limb Deformities

9. Spasticity Practice Management
   - Intrathecal Baclofen (ITB) Therapy: Practice Management
   - Understanding the Costs of Toxins and Other Neurolytics
   - Practice Management in Academic Medicine
   - Coding for Interventional Spasticity
   - Practice Management
   - Marketing Yourself as a Spasticity Expert
   - Managing and Growing a Spasticity Practice

10. Emerging Techniques for Managing Spasticity
    - Dry Needling for Spasticity Management
    - Combining Spasticity Interventions
    - Combined Use of Phenol and Botulinum Toxin (BoNT) for Spasticity Management
    - Emerging and Alternative Spasticity Treatments