



## Understanding the Rehabilitation Process for Individual's with Guillain-Barre' Syndrome and Chronic Inflammatory Demyelinating Polyneuropathy

**Overview:** Guillain-Barré Syndrome (GBS) and Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) are acquired immune-mediated inflammatory disorders of the peripheral nervous system. From an interdisciplinary therapy perspective, this course will review the clinical presentations of both disorders. Through hands on labs, participants will explore common examination techniques and interventions used when working with individuals with one of these diagnoses. Interdisciplinary teams will apply their knowledge to case studies.

**Audience:** Occupational Therapists, Occupational Therapy Assistants, Physical Therapists, Physical Therapy Assistants, Speech Language Pathologists

**Presenters:**

- Maria Harris, PT, DPT  
Stoke Clinic Coordinator  
Inpatient Physical Therapist at Bryn Mawr Rehab Hospital
- Haley Kypers, CCC/SLP  
Inpatient Speech Language Pathologist at Bryn Mawr Rehab Hospital
- Kathleen Rocca, MS, OTR/L  
Assistant Spinal Cord Injury Clinic Coordinator  
Inpatient Occupational Therapist at Bryn Mawr Rehab Hospital
- Kerry Sanderson, CCC/SLP  
Inpatient Speech Language Pathologist at Bryn Mawr Hospital

**Objectives:** At the completion of this course, the learner will be able to:

- Identify epidemiology and pathophysiology of GBS (Guillain Barre Syndrome) and CIDP (Chronic Inflammatory Demyelinating Polyneuropathy)
- Describe the clinical presentation Guillain-Barre' Syndrome (GBS)
- Describe the clinical presentation of Chronic Inflammatory Demyelinating Polyneuropathy (CIDP)
- Identify impairments and functional limitations caused by GBS and CIDP
- Recognize the importance of the interdisciplinary therapy team in the role of recovery
- Implement examination techniques to identify impairments
- Choose intervention strategies to maximize functional status throughout the continuum of care
- Synthesize knowledge of treatment of GBS and CIDP to determine plan of care and treatment plan

**Program Date:** March 29, 2025

**Program Length:** 5.5 hours

**Program Location:** Bryn Mawr Rehab Hospital

**Program Cost:** \$100.00

## Program Agenda:

<b>Time</b>	<b>Topics</b>		
8:30 a.m.	Definitions Epidemiology		
8:50 a.m.	Differential diagnosis		
9:20 a.m.	Role of the interdisciplinary team		
9:35 a.m.	Impairments: <ul style="list-style-type: none"> <li>• Respiratory function</li> <li>• Functional movement</li> <li>• Activities of daily living</li> <li>• Swallow function</li> <li>• Motor speech impairment</li> </ul>		
10:40	<b>Break</b>		
11:00 a.m.	<b>Examination Strategies</b>		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional strength assessment</li> <li>• Somatosensory assessment</li> <li>• Balance</li> <li>• Functional movement</li> <li>• ADL/BADL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Cranial nerve exam</li> <li>• Bedside swallow</li> <li>• FEES</li> <li>• Video swallow study</li> <li>• Pulse Ox during speaking valve trials</li> <li>• Dysarthria and voice</li> <li>• Nutrition</li> </ul> </td> </tr> </table>	<b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional strength assessment</li> <li>• Somatosensory assessment</li> <li>• Balance</li> <li>• Functional movement</li> <li>• ADL/BADL</li> </ul>	<b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Cranial nerve exam</li> <li>• Bedside swallow</li> <li>• FEES</li> <li>• Video swallow study</li> <li>• Pulse Ox during speaking valve trials</li> <li>• Dysarthria and voice</li> <li>• Nutrition</li> </ul>
<b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional strength assessment</li> <li>• Somatosensory assessment</li> <li>• Balance</li> <li>• Functional movement</li> <li>• ADL/BADL</li> </ul>	<b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Cranial nerve exam</li> <li>• Bedside swallow</li> <li>• FEES</li> <li>• Video swallow study</li> <li>• Pulse Ox during speaking valve trials</li> <li>• Dysarthria and voice</li> <li>• Nutrition</li> </ul>		
12:00 p.m.	<b>Lunch on own</b>		
12:40 p.m.	<b>Intervention Strategies (throughout transitions of care)</b>		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional mobility</li> <li>• Respiratory training</li> <li>• Robotic technology</li> <li>• Electrical stimulation</li> <li>• Positioning</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• Equipment</li> <li>• Orthotics</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Speaking valves</li> <li>• Respiratory training</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• ROM and strengthening exercises for facial movements</li> <li>• Visual biofeedback method via EMG</li> <li>• Swallowing</li> <li>• Breath support for speech</li> </ul> </td> </tr> </table>	<b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional mobility</li> <li>• Respiratory training</li> <li>• Robotic technology</li> <li>• Electrical stimulation</li> <li>• Positioning</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• Equipment</li> <li>• Orthotics</li> </ul>	<b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Speaking valves</li> <li>• Respiratory training</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• ROM and strengthening exercises for facial movements</li> <li>• Visual biofeedback method via EMG</li> <li>• Swallowing</li> <li>• Breath support for speech</li> </ul>
<b>Breakout 1:</b> <ul style="list-style-type: none"> <li>• Functional mobility</li> <li>• Respiratory training</li> <li>• Robotic technology</li> <li>• Electrical stimulation</li> <li>• Positioning</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• Equipment</li> <li>• Orthotics</li> </ul>	<b>Breakout 2:</b> <ul style="list-style-type: none"> <li>• Speaking valves</li> <li>• Respiratory training</li> <li>• Energy conservation</li> <li>• Compensatory strategies</li> <li>• ROM and strengthening exercises for facial movements</li> <li>• Visual biofeedback method via EMG</li> <li>• Swallowing</li> <li>• Breath support for speech</li> </ul>		
2:10 p.m.	<b>Break</b>		
2:20 p.m.	Case Studies/Panel		
3:05 p.m.	Question/answers		
3:10 p.m.	Adjourn		

**CE Statement:**

- OT: Main Line Health is a recognized by the PA State Board of Occupational Therapy as a pre-approved provider. This course is applicable for 5.5 contact hours (0.55 CEUs).
- PT: This course has been submitted to the PA State Board of Physical Therapy for 5.5 contact hours (0.55 CEUs).
- SLP:



This course is offered for 0.55 ASHA CEUs (Intermediate level, Professional content)

**Participant Satisfaction/Complaint Policy:** Program evaluation evaluates participant satisfaction and complaints are handled by designated BMRH representative.

**Satisfactory Completion:** Requirements for satisfactory completion of this course include full attendance at the course as evidenced by monitored sign-in/sign-out sheet, completion of perceived attainment of course objectives, and self-assessment of how course materials will impact clinical performance and/or outcomes.

**Cancellation Policy:** Main Line Health reserves the right to cancel an educational event. In the event that Main Line Health cancels the event, participants will be refunded 100% of any registration fees paid.

Participants may cancel their participation in the course. The course tuition is refundable, minus a 20% processing fee, if the cancellation is received in writing at least one week prior to the start date of the course. No refunds or credits will be granted if notice is provided less than one week prior to the start date. No refunds or credits will be granted for no shows.

**Faculty Disclosures:**

<b>Faculty</b>	<b>Financial</b>	<b>Non-Financial</b>
Maria Harris	Receives a salary from Main Line Health	Volunteer work with GBS/CIDP Foundation International
Haley Kypers	Receives a salary from Main Line Health	No disclosure
Kathleen Rocca	Receives a salary from Main Line Health	Volunteer work with GBS/CIDP Foundation International
Kerry Sanderson	Receives a salary from Main Line Health	No disclosure