

Learning Objectives

MedBridge

Peripheral Neuropathies Part 2: Management of Common Presentations

Aimee E. Perron PT, DPT, NCS, CEEAA

Course Objectives:

Upon completion of this course, learners will be able to:

- Describe the etiology and pathophysiology of Diabetic polyneuropathies, Guillain-Barre Syndrome and Bell Palsy
- Identify which evidence-based test and measures are most applicable when assessing a patient with either Diabetic polyneuropathies, Guillain-Barre Syndrome or Bell Palsy
- Recognize the signs and symptoms of Diabetic polyneuropathies, Guillain-Barre Syndrome and Bell Palsy and how to screen for it
- Develop an understanding of how to prioritize patient impairments to determine and prescribe exercise and activities that enhance functional capabilities for patients with Diabetic polyneuropathies, Guillain-Barre Syndrome and Bell Palsy
- Apply evidence for management for Diabetic polyneuropathies, Guillain-Barre Syndrome and Bell Palsy through case based examples and learning assessments

Chapter 1: Diabetic Polyneuropathies

This chapter will provide information regarding etiology and pathophysiology related to the Diabetic polyneuropathies. Medical management and the role of diagnostics related to Diabetic polyneuropathies will be discussed. Evidence-informed patient client management for physical therapy assessment and interventions for Diabetic polyneuropathies are reviewed through a case example.

Chapter 2: Guillain-Barre Syndrome

This chapter will provide information regarding etiology and pathophysiology related to the different types of Guillain-Barre syndrome (GBS). Medical management and the role of diagnostics related to GBS will be discussed. Evidence-informed patient client management for physical therapy assessment and interventions for GBS are reviewed through a case example.

Chapter 3: Facial Nerve Involvement – Bell Palsy

This chapter will provide information regarding etiology and pathophysiology related to Bell Palsy. Medical management and the role of diagnostics related to Bell Palsy will be discussed. Evidence-informed patient client management for physical therapy assessment and interventions for Bell Palsy are reviewed through a case example.