
Objectives and Program Schedule

MedBridge Education

Case Studies in Motor Learning Part B: Total Knee Arthroplasty

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Course Objectives

The online learners will

- Identify three priority impairments of a patient following a Total Knee Arthroplasty
- Compare and contrast two intervention options utilizing motor learning principles in the acute and acute rehabilitation setting
- Compare and contrast two intervention options utilizing motor learning principles in the long term care, outpatient, and home care setting

Chapter 1: Total Knee Arthroplasty

This chapter introduces a patient following total knee arthroplasty (TKA), John. J.J. Mower-Tinney uses this case study to identify three priority impairments of this patient following TKA. Several functional tests and assessments are used to identify the different impairments.

Chapter 2: Motor Learning Considerations

After identifying the patient's key impairments, this chapter discusses the motor learning considerations for the patient. The chapter teaches users the seven key considerations to take into account for motor learning and emphasizes the importance of measuring change, improvement and outcomes. Finally, the chapter integrates two interventions that use motor learning principles in the acute and post-acute rehabilitation setting.

Chapter 3: Intervention Options Later in Rehabilitation

When a patient is later in the rehabilitation process, therapists need to utilize interventions that incorporate motor learning principles that are appropriate for the long-term care, outpatient, and home care setting. This chapter discusses two intervention options that use motor learning principles that are appropriate for later stages of the rehabilitation process.