



# Introduction to Prosthetic Knees

## COURSE SYLLABUS

COURSE DATE

LOCATION

TIME

COURSE PRESENTER & CREDENTIALS

### COURSE SUMMARY

This one hour introductory level course for PT/PTA, OT/OTA, RN, Case Managers and other health care professionals will provide a complete introduction and overview of prosthetic knees and review the fundamentals of proper application. This review will focus on common reasons for knee failure as well as how to evaluate and determine the appropriate knee type and design for individual patients. Various types, styles and functions of prosthetic knees will be presented.

### OBJECTIVES

Upon completion of this program, the participant will be able to:

1. Evaluate the physical, environmental and ADL attributes of the user that determine which prosthetic knee is indicated
2. Define the Functional Level (K-level) classification system established by Medicare for the determination of prosthetic components, including ADL assessment of activity level
3. Discuss variables that induce poor function of prosthetic knees, such as inappropriate use, improper adjustment or user changing shoe heel heights; and understanding the impact on daily functional activities
4. Compare and contrast the functional characteristics of a variety of categories of prosthetic knees, such as: single axis; polycentric; manual lock; friction control; variable cadence; swing phase control; stance phase control and microprocessor

### COURSE OUTLINE

1. Sign In
2. Pre-test (if required)
3. Lecture (60 minutes)
  - Common Conditions of Prosthetic Foot Knee Failure
  - Patient Evaluation & Requirements
  - Single Axis Vs. Polycentric Knee
  - Friction Control Knee
  - Manual Lock Knee
  - Variable Cadence Knee
  - Swing and Stance Phase Control
  - Microprocessor Knee Control
4. Post-test (if required)
5. Course Evaluation (online) & Sign Out

### CONTINUING EDUCATION REQUIREMENTS

**In-Person Sessions:** All attendees are required to attend the entire session, sign-in at the beginning and at the end of the course. **Webinar Sessions:** All attendees are required to attend the entire session, and complete a credit request form and evaluation following the session. Throughout the presentation learning outcomes will be assessed through instructor interaction and attendee's participation through Q & A.

### SPECIAL REQUESTS

Hanger Clinic strives to make our learning environments fully accessible and want to provide our guests with an opportunity to identify special needs in advance of the course. Please contact your course coordinator.

**PLEASE NOTE:** If course tuition is required, see the course flyer for the policy on fees and cancellation charges. If Hanger cancels for any reason, a full refund of the course tuition paid to Hanger will be given.

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