



# Clinical Decision Making for Upper Limb Prosthetics

## COURSE SYLLABUS

COURSE DATE

LOCATION

TIME

COURSE PRESENTER & CREDENTIALS

### COURSE SUMMARY

This one hour intermediate level course for PT/PTA, OT/OTA, RN, Case Managers will discuss how the impact of the loss of an arm, hand or digits cannot be overstated. This loss of aesthetic appearance, proprioceptive feedback, tactile sensation and fine, coordinated movements can only be replaced to a limited extent by a prosthetic device. Rehabilitation strategies and prosthetic component prescriptions should be patient centered with concentrated efforts to maximize function. The overall goal of amputation rehabilitation is to optimize the patient's health, function, independence and quality of life. The focus of this presentation will be the clinical decision making process for adults with unilateral transradial or transhumeral level limb loss. With the knowledge gained from this presentation, the therapist will be a valuable asset to the prosthetist, working as a team to maximize the patient's functional outcome.

### OBJECTIVES

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

1. Compare and contrast upper and lower limb amputations on general functions, prosthetic utilization, patient populations and impact of limb loss
2. Review prosthetic options
3. Discuss prescription rationale for determining the best prosthetic system for individuals with transradial or transhumeral limb loss
4. Identify appropriate prosthetic systems for a variety of patient scenarios

### COURSE OUTLINE

1. Sign In
2. Pre-test (if required)
3. Lecture (60 minutes)
  - Upper Limb vs Lower Limb
    - Functions, Prosthetic Utilization, Impact of Upper Limb Loss
  - Prosthetic Design & Options
    - No Prosthesis, Passive Prosthesis, Silicone Restoration
    - Body Powered, Externally Powered; Hybrid, Activity Specific, Multiple Prostheses
  - Rationale to Determine the Best Prosthetic System
  - Prescription Rationale & User Profiles
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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