



# Center for Orthotic & Prosthetic Care

*Bringing your business into focus, so you can focus on your patients.*

## O&P Education for Medical Professionals

### COURSE DESCRIPTIONS

(rev 01/28/2013)

<b>COURSE</b>	<b>RELEASE DATE</b>
Prosthetics for <u>Case Managers</u> <i>Amputation &amp; Prosthetic Overview</i>	01/07/2013
Prosthetics for <u>Nurses</u> <i>Amputation &amp; Prosthetic Overview</i>	TBD
Prosthetics for <u>Social Workers</u> <i>Amputation &amp; Prosthetic Overview</i>	TBD
Prosthetics for PTs & OTs <i>Amputation &amp; Prosthetic Overview</i>	01/04/2013
This 1-hour course includes a review of the latest demographics, an overview of the prosthetic rehabilitation process, and a general overview of each level of amputation along with examples of typical devices for each.	
<i>Lower-Limb Prosthetics: Transtibial</i>	JAN 2013
This 1-hour course includes pre-op care, immediate post-op care (dressings, shrinker donning, RRDs, IPOPs), process timelines, prosthetic goals (including sagittal, coronal, and transverse alignment theory), functional levels, socket designs, suspension systems, volume management, and foot/ankle components. Includes a step-by-step overview of a therapy session with a transtibial amputee patient.	
<i>Lower-Limb Prosthetics: Transfemoral</i>	FEB 2013
This 1-hour course includes pre-op care, immediate post-op care (dressings, shrinker donning), process timelines, prosthetic goals (including sagittal, coronal, and transverse alignment theory), functional levels, socket designs, suspension systems, volume management, and knee components. Includes a step-by-step overview of a therapy session with a transfemoral amputee patient.	
<i>Lower-Limb Prosthetic Functional Level Prediction &amp; Outcomes Measurement</i>	FEB 2013
This 1-hour course should be a hot topic in early 2013. Includes an overview of an updated amputee evaluation that meets CMS's documentation requirements and the process for completion. Also includes a 'tool box' of pre-prosthetic assessments and post-prosthetic outcomes measurement.	

*Lower-Limb Prosthetic Gait Training*

01/21/2013

This 1-hour course includes pre-gait strengthening and ROM, overview of typical joint contractures, a step-by-step Gait Training Program, and advanced Gait Training (including inclines, declines, stairs, and walking backward). Also includes 'Lower-Limb Amputee Home Exercises' which consists of 9+ typical exercises.

*Lower-Limb Prosthetic Gait Analysis*

TBD

This 1-hour course covers transtibial and transfemoral gait analysis organized by gait cycle segment. Each gait deviation lists possible patient deficits and possible prosthetic deficits. Includes a gait analysis chart for transtibial and transfemoral prosthetics and demonstration/case study.

*Upper-Limb Prosthetics*

JAN 2013

This 1-hour course covers post-op therapy (wound healing, phantom pain, range of motion, and social interaction), pre-prosthetic therapy (limb shrinkage and shaping, desensitization, maintenance of normal joint range of motion, increasing muscle strength, instruction in proper hygiene of the limb, maximizing independence, and myoelectric site testing), prescription (passive, body-powered, and externally-powered prosthetic solutions (including interface design, suspension options, and components (shoulder joints, elbow joints, and terminal devices)) and indications/contra-indications of the same), and training (assessment, donning/doffing, wear schedule, care of the limb and prosthesis, body control motions, prosthetic control practice and functional use training).

*Prosthetic Advances*

TBD

This 1-hour course provides an overview of recent, revolutionary prosthetic advances and their indications and contraindications.

*Partial Foot, Ankle/Knee/Hip Disarticulation, & Transpelvic Prosthetics*

TBD

This 1-hour course provides therapists with the knowledge of the indications, contraindications, demographics, and suitable prosthetic modalities for the toe, metatarsal ray resection, transmetatarsal, Lisfranc, Chopart, Symes, knee disarticulation, hip disarticulation, and transpelvic amputation levels.

*Microprocessor Controlled Knees*

TBD

*No description at this time.*

Orthotics for Therapists

*Pedorthic Management of Common Foot Disorders*

TBD

*No description at this time.*

*Lower-Limb Orthotics: Ankle Foot Orthosis (AFO)*

TBD

*No description at this time.*

*Lower-Limb Orthotics: Knee Ankle Foot Orthosis (KAFO)*

TBD

*No description at this time.*

*Spinal Orthotics*

TBD

*No description at this time.*