

Prosthetic Management for Therapy Professionals and Providers
October 14-16, 2026

Prosthetic Management for Therapy Professionals is a comprehensive three-day course that covers the essential knowledge and skills needed to collaborate with an interprofessional clinical team providing prosthetic care. The course is taught using an interprofessional framework offering the perspectives of physicians, physical therapists, occupational therapists, and prosthetists/orthotists. The clinical faculty is complemented by patient models that enable the faculty to demonstrate core principles while providing their unique view on prosthetic care. The course is delivered using lectures, clinical demonstrations, and interactive mock clinics where the audience will be able to interact with the patient models and clinical experts as they evaluate and formulate patient care plans. Core concepts will be reviewed including normal human locomotion, motor control, materials science, biomechanics, surgical considerations, pre/post-operative care, patient assessment, prosthetic prescription development, and therapy care plans. Our distinguished course faculty is comprised of board-certified physicians, physical/occupational therapists, and prosthetist/orthotists engaged in education, clinical practice, and research.

Day 1 - Foundations of Prosthetic Management (8.0 Hours)

Wednesday – Oct 14

8:00-8:15	Orientation	C. Robinson
8:15-9:00	Interdisciplinary Prosthetic Care Principles	C. Robinson / Dr. Lopez-Rosado
9:00-9:10	<i>Break</i>	
9:10-10:15	Motor Control and Movement Science Core Principles	Dr. Roth
10:15-10:25	<i>Break</i>	
10:25-11:45	Normal Human Locomotion	Dr. Gard
11:45-12:45	<i>Lunch</i>	
12:45-1:25	Principles of Materials Science and Engineering Design	C. Robinson
1:25-1:35	<i>Break</i>	
1:35-2:15	Post-operative Care for the Patient with Limb Amputation A Prosthetist's Perspective	C. Robinson
2:15-2:25	<i>Break</i>	
2:25-3:25	Pre-Prosthetic Therapy for the Patient with Lower Limb Amputation.	Dr. Paulus
3:25-3:35	<i>Break</i>	
3:35-5:00	Pre-Prosthetic Therapy Lab	Dr. Paulus, Amy Lawrence, C. Robinson

- Patient safety/mobility (AL)
- Compression and post-operative modalities (CR)
- PT assessment and treatment planning (PP / RT)

Day 2 – Lower Limb Prosthetic Care: Therapy Applications and Clinical Principles – Part I (8.0 Hours)

Thursday - Oct 15

8:00 – 9:00	Prosthetic Feet	G. Lee
9:00-9:10	<i>Break</i>	
9:10 – 10:00	Prosthetic Management at the Symes/Partial Foot Levels	C. Robinson
10:00– 11:30	Transfemoral Prosthetic Care: Biomechanics and Prescription	D. Hasso
11:30 – 12:30	<i>Lunch</i>	
12:30 – 2:00	Transfemoral and Proximal Prosthetic Care: Biomechanics and Prescription	D. Hasso
2:00-2:10	<i>Break</i>	
2:10 – 3:20	Prosthetic Care of Persons with Lower Limb Amputation Model Demonstrators and Case Series	C. Robinson / D. Hasso
3:20-3:30	<i>Break</i>	
3:30-5:00	Prosthetic Care Hands-On Lab	C. Robinson, D. Hasso, A. Lawrence
	• Prosthetic Components Hands-On (Robinson) • Donning/Doffing - Milton? (Amy/Gloria) • Mock checkout – Assess overall fit and recognizing when to call the prosthetist. (Dan)	

Day 3 AM – Lower Limb Prosthetic Care: Therapy Principles and Applications (4.5 Hours)

Friday – Oct 16

8:00 – 9:00	Functional Assessment of Mobility/Gait for Persons with Amputation	Dr. Van Veld
9:00 – 9:10	<i>Break</i>	
8:00 – 8:35	Transfemoral Gait Training and Therapy Considerations	Dr. Van Veld
8:35 – 8:45	<i>Break</i>	
8:45 – 9:25	Transfemoral Gait Training and Therapy Considerations	Dr. Van Veld
9:25 – 9:35	<i>Break</i>	
9:35 – 10:40	Post-Prosthetic Therapy Lab	Dr. Van Veld
	• Transfemoral gait training • Transfemoral gait training	
10:40 – 10:50	<i>Break</i>	
10:50 – 11:20	Physical Therapy Principles for Long-time Prosthetic Users	Dr. Van Veld
11:20 – 11:30	<i>Break</i>	
11:30 – 12:20	Prosthetic Clinic Rounds	C. Reger
12:20-12:30	Closing Remarks	Mr. Robinson

Course Faculty

Steven Gard, PhD

Executive Director, NUPOC, Associate Professor of Physical Medicine and Rehabilitation and McCormick School of Engineering, Northwestern University.

Daniel Hasso, CPO

Lecturer of Physical Medicine and Rehabilitation, Northwestern Feinberg School of Medicine.

Amy Lawrence, MSPO, PTA

Instructor of Physical Medicine and Rehabilitation, Northwestern Feinberg School of Medicine.

Gloria Lee, MSPO, CPO

Instructor of Physical Medicine and Rehabilitation, Northwestern Feinberg School of Medicine.

Roberto Lopez-Rosado, DPT

Assistant Professor of Physical Therapy and Human Movement Sciences, Northwestern Feinberg School of Medicine.

Paige Paulus, PT, DPT, PhD

Postdoctoral Scholar, NUPOC, Northwestern Feinberg School of Medicine.

Chris Reger, MD

Assistant Professor of Physical Medicine & Rehabilitation, Northwestern Feinberg School of Medicine. Attending Psychiatrist, Shirley Ryan Ability Lab.

Heidi Roth, PT, DHS

Associate Professor of Physical Therapy and Human Movement Sciences, Northwestern Feinberg School of Medicine.

Christopher Robinson, MS, MBA, CPO/L, ATC, FAAOP(D)

Assistant Professor of Physical Medicine & Rehabilitation, Northwestern Feinberg School of Medicine.

Renee Van Veld, PT, DPT

Adjunct Faculty of Physical Therapy, Indianapolis University. Director of Education, ForMotion Clinics.