ТОВАРИСТВО З ОБМЕЖЕНОЮ ВІДПОВІДАЛЬНІСТЮ
«ЦЕНТР ПРОФЕСІЙНОГО РОЗВИТКУ АКАДЕМІЇ ДОБРОБУТ»
Провайдер заходів БПР № 2415

ПРОГРАМА ПРОВЕДЕННЯ ЗАХОДУ

Майстер-клас, 24.01.2026 та 31.01.2026 р.
«Особливості реабілітації після ампутацій»

Кількість учасників: не обмежена
м. Київ, вул. Казимира Малевича, 86Б

Кількість астрономічних годин: 14 годин.
Кількість академічних годин: 19.

Тренер

Dr. Farhad Ostovari - PT, DPT, Director of Limb Loss and Prosthetic Services, MCOP International Kyiv, Ukraine

DAY 1 — January 24, 2026

Focus: Pre-Prosthetic Management & Foundational Prosthetic Rehabilitation

Morning & Early Afternoon – Didactic Lectures

9:00 AM – 3:00 PM
(10-minute break every 90 minutes | Lunch 12:00–1:00 PM)

9:00 – 10:30 AM (90 min)

Lecture 1: Levels of Lower-Limb Loss & Trauma-Related Considerations

- Overview of limb loss and war-related trauma
- Transtibial (BKA), Transfemoral (AKA), Hip Disarticulation, Hemipelvectomy
- Mechanisms of injury and surgical implications
- Functional expectations and rehabilitation challenges

10:30 – 10:40 AM — Break (10 min)

10:40 – 12:00 PM (80 min)

Lecture 2: Pre-Prosthetic Medical & Rehabilitation Concerns

- Skin integrity & pressure injury prevention
- Falls risk and early mobility safety
- Surgical pain vs. phantom limb pain
- Desensitization and residual limb care
- Circulatory compromise and delayed wound healing
- Muscle atrophy and proximal weakness
- Joint stiffness and contractures
    - Emphasis on knee flexion contracture
- Postural and spinal considerations
    - Low back pain, compensations, kyphosis
- Edema management and shrinker principles
- Systemic considerations:
    - Respiratory, digestive, urinary complications
    - Osteopenia and osteoporosis risk

12:00 – 1:00 PM — Lunch Break

1:00 – 2:50 PM

Lecture 3: Prosthetic Fundamentals for Rehabilitation Providers

- Socket design concepts by level

- BKA, AKA, Hip Disarticulation, Hemipelvectomy

- Suspension systems
  - Pin lock, lanyard, suction, seal-in, sleeves
- Prosthetic fit from a therapist's perspective

2:50 – 3:00 PM — Break

Late Afternoon – Live Patient Clinical Labs

3:00 – 5:00 PM

Lab Session (Rotating Stations)

Station 1: Transtibial (BKA): Physical Therapy Evaluation

- Amputation and prosthetic history
- Socket type and suspension review
- Functional ADL assessment
- Static and dynamic alignment observations

Station 2: Transfemoral (AKA): Physical Therapy Evaluation

- Amputation and prosthetic history
- Socket type and suspension review
- Functional ADL assessment
- Static and dynamic alignment observations

Wrap-Up Discussion

- Clinical pearls
- Q&A

DAY 2 — January 31, 2026

Morning Didactic Lectures (9:00 AM – 2:00 PM)

9:00 – 10:30 AM | Lecture Block 1

Rehabilitation of Complex & Multi-Limb Loss

- Primary causes leading to multiple limb loss

10:30 – 10:40 AM | Break (10 minutes)

10:40 AM – 12:00 PM | Lecture Block 2

Normal Human Locomotion & Muscle Activity

- Phases of gait: stance and swing (review with clinical relevance)
- Key muscle activation patterns during normal walking

12:00 – 1:00 PM | Lunch Break

1:00 – 2:50 PM | Lecture Block 3

Road Map to Master Walking with a Prosthesis in Complex Limb Loss

- Progressive rehabilitation framework from initial prosthetic fitting to community ambulation
- Task-specific training and motor learning principles
- Anticipating and preventing gait deviations in complex cases
- Clinical decision-making: when deviations are prosthetic vs therapeutic issues

---

2:50 – 3:00 AM | Break (10 minutes)

Afternoon Clinical Labs & Assessment

3:00 – 4:00 PM | Live Clinical Lab

AKA & BKA Gait Deviation Analysis (Live Patients)

- Structured observational gait analysis
- Common gait deviations in:
    - Transtibial (BKA) prosthesis users
    - Transfemoral (AKA) prosthesis users
- Identification of causes:
    - Prosthetic alignment and component issues
    - Strength, ROM, balance, and motor control deficits
- Real-time clinical reasoning and interdisciplinary discussion

---

4:00 – 5:00 PM | Certification, Quiz & Course Assessment

- Knowledge-based quiz covering Day 1 and Day 2 content
- Case-based clinical reasoning questions
- Participant course evaluation and feedback
- Certificate of completion distribution
- Testing