



Under the auspices of Brothers for Life



Advances in Orthoplastic Amputation Care

The 1st Advances in
Orthoplastic Amputation Care Course

1st. Day - 16.9.2024 - David InterContinental Hotel, Tel Aviv
Patient Education And Shared Clinic

This program is intended for patients. Healthcare professionals are welcome to register and attend

7:30–8:30		Registration and Breakfast	
8:30–9:15		Morning Session	
		Chairs: Jason Souza, Benjamin 'Kyle' Potter, US & Amir Arami, Avi Avtan, Israel	
8:30–8:40	Why are we here – Welcome and team's Introduction – Avi Avtan, Israel		
8:40–8:45	Opening Remarks – Gil Ganonyan – "Brothers for Life", Israel		
8:45–8:50	Opening Remarks – Israel's Ministry of Defense, Rehabilitation Department – Ronit Sanderovich, Israel		
8:50–9:05	From normalcy to rehab – Israel Dudkiewicz, Israel		
9:05–9:15	Learning from shared experience – The Evolution of limb loss care during America's longest war – Patient focused – Benjamin 'Kyle' Potter, US		
9:15–10:15		Patient Education Sessions: The Road to Recovery	
		Moderators: Itzhak Siev-Ner & Israel Dudkiewicz, Israel	
9:15–9:30	A Road Map – A review of the rehab pathway – Tamir Tsohar, Israel		
		Bumps in the road:	
9:30–9:45	Stump Issues – Common soft tissue problems and strategies for management – Jason Souza, US		
9:45–10:00	Pain after amputation – Types and treatments – Anna Belzer, Israel		
10:00–10:10	Prosthetic challenges and strategies to overcome them – David Rotter, US		
10:10–10:45		Coffee Break	
10:45–11:40		Patient Education Sessions: life after limb loss – Pushing the boundaries	
		Moderators: Anat Kristal, US & Israel, Hagai Amir, Israel	
10:45–11:10	Lessons learned from an experienced amputee – Eyal Gur, Israel		
11:10–11:30	Modern prosthetic sport options for the track and field athlete – David Rotter, US		
11:30–11:40	Life with a missing limb – Mental health and coping strategies – Rachel Natovich, Israel		
11:40–12:15		Questions and Answers Session	
		Moderators: Itzhak Siev-Ner, Hagai Amir, Israel Dudkiewicz, Rachel Natovich, Israel & Anat Kristal, US & Israel	
12:15–13:00		Lunch Break	
Hall A	Hall B		Meeting Rooms 3-4
13:30–16:00 Social Entertainment	Special Program for Physiotherapist, Occupational Therapists and Prosthetists Moderators: Yael Dotan Marom, Dikla Goor Prihed & Ruth Amram, Israel		13:00–16:00 Clinics: Patients' Consultation with Medical Experts
	* Patients are invited to join the below two presentations		16:30–19:30 Clinics: Patients' Consultation with Medical Experts (cont.)
	13:00–13:15	Israel amputee football team – From rehabilitation to the real life Michal Nehama Rabi, Israel	
	13:15–13:45	IDF Mentoring Program ”ממשיכים בחיים” Yariv Lev Ari, Israel	
	15:45–14:00		Technical Break
	14:00–14:45	Lower extremity prostheses components – David Rotter, US	
	14:45–15:05	Occupational therapy rehabilitation protocols – Ayala Nota, Israel	
	15:05–15:25	Occupational therapy rehabilitation of complex amputation – Ruth Amram, Israel	
	15:25–15:45	Slings and levers, balancing the knee joint after BKA surgery – Ostrei Uty, Israel	
	15:45–16:00	Multiple limb amputations – David Rotter, US	
16:00–16:30		Afternoon Coffee Break	
16:30	End of day 1		

2nd. Day - 17.9.2024 - David InterContinental Hotel, Tel Aviv

Physicians Talks

The program is intended for Healthcare professionals only

7:30–8:30Registration and Breakfast	
8:30–9:20General Introduction	
Chairs: Jason Souza, Benjamin 'Kyle' Potter, US & Amir Arami, Avi Avtan, Israel	
8:30-8:40	Opening Remarks – Yaniv Leidner – "Brothers for Life", Israel
8:40-8:50	Why we are here – Welcome and team's Introduction – Amir Arami, Israel
8:50-9:00	Multidisciplinary care in amputee rehabilitation – Dafna Grossberg, Israel
9:00-9:20	Learning from shared experience – The evolution of limb loss care during America’s longest war – Surgeon focused – Benjamin 'Kyle' Potter & Jason Souza, US
9:20–10:55Lower Limb Amputation Care	
Moderators: Scott Levin, Matthew Carty, US & Matan Sherf, Amir Haim, Israel	
9:20-9:40	Prosthetist types and fitting process – David Rotter, US
9:40-9:55	Planning the perfect stump – Amir Haim, Israel
9:55-10:15	When revision surgery is appropriate to optimize prosthetic care, a collaborative approach Jason Souza & David Rotter, US
10:15-10:25	Soft tissue handling – From resurfacing to tissue transfer – Matan Sherf, Israel
10:25-10:35	Tissue expanders – Josef Haik, Israel
10:35-10:45	Free flap coverage following amputation – Daniel Kedar, Israel
10:45-10:55	Unusual stump infection – Oren Barzel, Israel
10:55-11:20Coffee Break	
Hall A	
11:20-13:50Specialized Sessions: Level- Specific Care	
Moderators: Jason Souza & Benjamin 'Kyle' Potter, US	
Below Knee Amputation	
11:20-11:35	A basic functional approach – TBD
11:35-11:50	Current approach to common problems – TBD
Advanced Approaches:	
11:50-12:05	Osseointegration – Benjamin 'Kyle' Potter, US
12:05-12:20	Advanced soft tissue management – Jason Souza, US
12:20-12:35	AMI – Matthew Carty, US
Above Knee Amputation	
12:35-12:50	A basic functional approach Benjamin 'Kyle' Potter, US
12:50-13:05	Current approach to common problems Benjamin 'Kyle' Potter, US
Advanced Approaches:	
13:05-13:20	Osseointegration – Benjamin 'Kyle' Potter, US
13:20-13:35	Advanced soft tissue management – Jason Souza, US
13:35-13:50	AMI – Matthew Carty, US
13:50-14:45Lunch Break	
14:45-16:00The Painful Stump	
Moderators: Benjamin 'Kyle' Potter, US & Avi Avtan, Israel	
14:45-14:55	Medical (Neuromodulation) – Anna Belzer, Israel
14:55-15:10	Diagnostic work up of the painful stump Layalee Abo Naser, Israel
15:10-15:25	Surgical treatment of the painful stump Yuval Shapira, Israel
15:25-15:35	Psychological aspects of limb loss Sara Catane, Israel
15:35-16:00	Q & A
16:00-16:40Upper Extremity Amputation Care	
Moderators: Oskar Aszmann, Austria & Ruth Amram, Israel	
16:00-16:10	Prosthetist perspective – Types of prosthetics and fitting – David Rotter, US
16:10-16:20	Prosthetist perspective – partial Amputation – David Rotter, US
16:20-16:40	Myoelectric prosthesis basics – David Rotter, US
16:40-17:00Afternoon Coffee Break	
17:00-19:30Specialized Sessions: Level- Specific Care	
Moderators: Jason Souza, US & Oren Barzel, Israel	
Transhumeral Amputation	
17:00-17:15	A basic functional approach – Scott Levin, US
17:15-17:30	Current approach to common problems Scott Levin, US
Advanced Approaches:	
17:30-17:45	Osseointegration – Oskar Aszmann, Austria
17:45-18:00	Advanced soft tissue management Oskar Aszmann, Austria
18:00-18:15	AMI – Matthew Carty, US
Transradial and Partial Hand	
18:15-18:30	A basic functional approach - Scott Levin, US
18:30-18:45	Current approach to common problems Scott Levin, US
Advanced Approaches:	
18:45-19:00	Osseointegration – Oskar Aszmann, Austria
19:00-19:15	Advanced soft tissue management Oskar Aszmann, Austria
19:15-19:30	AMI – Matthew Carty, US
19:30	End of day 2
Hall B	
Advancing Observational Gait Analysis: Unlock the Collaborative Power of the Functional Lower-limb Amputee Gait Assessment Tool	
Anat Kristal, US & Israel	
The program is mainly for Physiotherapists and Prosthetists	
11:20-12:30The Functional Lower-limb Amputee Gait Assessment	
Introduction of the new observational gait assessment tool including how to identify each gait deviation and the most probable causes (e.g., body function impairments and prosthetic issues)	
12:30-12:45Technical Break	
12:45-13:50Interactive: “Name that gait deviation” with the FLAG assessment	
An interactive session identifying gait deviations from patient videos	
14:45-15:30FLAGing Targeted Interventions to Improve Gait	
Describing targeted interventions to mitigate each gait deviation	
15:30-16:30Observational Gait Analysis Workshop - Part 1	
Participants break into groups, observe prosthetic users walk, and participate in an interactive assessment to generate discussion on OGA skills and targeted interventions	
16:30-16:45Afternoon Coffee Break	
16:45-17:45Observational Gait Analysis Workshop - Part 2	
Participants break into groups, observe prosthetic users walk, and participate in an interactive assessment to generate discussion on OGA skills and targeted interventions	
17:50-18:10Questions and Discussion	
18:10	End of day 2

3rd. Day - 18.9.2024 - Sheba Medical Center

Case Presentations and Cadaver Workshopsw

The program is intended for Healthcare professionals only

Sourasky Hall

8:00-9:00 Registration and Breakfast

9:00-11:00 Live Discussions

Moderators: Jason Souza, Benjamin 'Kyle' Potter, US, Oskar Aszmann, Austria & Ram Palti, Israel

9:00-9:05 Opening Remarks – Amitai Ziv, Israel

Case presentations on patients seen on Day 1

11:00-11:45 Brunch Break

Sourasky Hall

11:45-12:45 Video Demonstration Upper Extremity

by Scott Levin, US

Moderators: Oskar Oszmann, Austria & Ram Palti, Israel

12:45-14:15 Current Debates and Future Frontiers

Moderators: Oskar Aszmann, Austria, Scott Levin, US & Amir Arami, Israel

12:45-13:00 Decision Making – Limb salvage VS. Amputation

Eyal Yaacoby, Israel

13:00-13:10 The promise and risks of using surgery to treat pain in amputee rehabilitation raise an important question: should surgery be the primary approach?

Jason Souza, US

13:10-13:20 Biological sensorimotor interface for bionic reconstruction – Oskar Aszmann, Austria

13:20-13:30 Role of amputation and myoelectric fitting in traumatic adult brachial Plexus Injury – does it worth it? – Oskar Aszmann, Austria

13:30-13:45 The role for VCA – Scott Levin, US

13:45-13:55 A minimally invasive muscle-machine interface for dextrous prosthesis control – Connor Glass, US

13:55-14:15 Closing Remarks

Chairs: Jason Souza, Benjamin 'Kyle' Potter, US & Amir Arami, Avi Avtan, Israel

14:15-14:45 Coffee Break

14:45-18:00 Cadaver Workshop

AKA Techniques Faculty: Jason Souza, Benjamin 'Kyle' Potter, US & Oren Gross, Oren Barzel, Israel

BJA Techniques Faculty: Jason Souza, Benjamin 'Kyle' Potter, US & Avi Avtan, Israel

Nerve Treatment Techniques (TMR, RPNI) Faculty: Jason Souza, US, Oskar Aszmann, Austria & Amir Arami, Israel

Osseointegration Faculty: Benjamin 'Kyle' Potter, US & Oren Barzel, Oren Gross, Israel

AMI Faculty: Jason Souza, Benjamin 'Kyle' Potter & Matthew Carty, US

Auditorium, The Rehabilitation Hospital

Special Program for Physiotherapists, Occupational Therapists and Prosthetists

11:45-14:00 Clinics: Multidisciplinary Experts Consultation

Moderators: Dikla Goor Prihed & Yael Dotan Marom, Israel

Cases presented by several rehabilitation centers from Israel

14:00-14:30 Coffee Break

14:30-18:00 Clinics: Multidisciplinary Experts Consultation (cont.)

Moderators: Dikla Goor Prihed & Yael Dotan Marom, Israel

Cases presented by several rehabilitation centers from Israel

18:00 End of day 3

18:00 End of day 3