



Wednesday, September 6 **Manufacturers' Workshops Tier F**
3:30 PM – 5:30 PM The following workshops in Tier F run concurrently within this track.

The Acceleration of 3D Scanning Integration : Why and How is It Happening Now? (MWF-1)

Sponsor: TechMed 3D

It is in the 90's that PCs became powerful enough to run 3D CAD software. In the O&P industry, specific 3D CAD-CAM solutions like Rodin, Vorum, Delcam and Shoemaster became available during that decade. These systems are now mature, reliable and reasonably affordable. However, the penetration rate of 3D CAD-CAM in the O&P industry is still far off the level it should reach. It is now changing and it is changing fast. One of the main reasons is a sudden multiplication of affordable, easy to use and reliable 3D scanners with control interfaces specialized for the human body. 3D scanning of a human body part has changed from being tricky and cumbersome to being pleasant and nearly trainingless. It used to be the biggest investment a clinic could make at above 20 000\$. Now it is becoming a near commodity. Barriers are coming down fast and a select number of O&P manufacturers and clinics are taking full advantage of it. Is this an opportunity or a threat for your business?

The College Park/Liberating Technology Boston Digital Arm System's Unique Control Strategies (MWF-2)

Sponsor: College Park Industries

A hands on workshop with the CPI/LTI Boston Digital Arm System's microcomputer-based prosthetic interface. It is capable of supporting input signals from a variety of sensors including myo-electrodes, servo transducers, force sensor pads, switches, TMR, and COAPT. It is intuitively a control platform compatible with most manufactures' upper-limb components including the latest dexterous hands and supports simultaneous control of up to five devices. Including experience with the new College Park Axis shoulder disarticulation joint.

The End of Rigid Sockets - Socket-less Socket's for Various Fitting Levels (MWF-3)

Sponsor: Martin Bionics

The human body is dynamic. Shouldn't your sockets be dynamic as well? This will be an interactive introduction and training for the revolutionary Socket-less Socket designs for various fitting levels.

Upper Extremity: New Developments and Modern Updates (MWF-4)

Sponsor: Fillauer

This course will focus on our new upper extremity skeletal system, NEXO and our new electric terminal device, the ETD2. The NEXO system is a new group of components that will significantly lighten your prostheses as well as making the alignment adjustable and the fabrication simpler than ever. This course will also cover the new transhumeral component selection. We will conclude the course with the ETD2 product group. It is a more sleek, modern take on the popular ETD product, the ETD2 has all the features you are looking for in an electric functional device without breaking your budget.

Hold on!!! Latest Suspension and Liner Technologies from Ottobock (MWF-5)

Sponsor: Ottobock

This workshop will discuss the latest socket suspension options for the trans-tibial and trans-femoral levels of amputation including material choices used for all levels of function. This course will focus on the indications for using silicone, thermoplastic elastomer or urethane systems in your interface as well as an introduction to vacuum fittings using the Harmony System or the EMS Socket System.

Boston Brace 3D (MWF-6)

Sponsor: Boston Orthotics & Prosthetics

From the leaders in scoliosis bracing, the Boston Brace 3D is the next innovation in the non-operative treatment of idiopathic scoliosis. Our clinical experts have combined knowledge of the three dimensional scoliotic curvature with the latest in shape capture and CAD/CAM technologies. This enhanced brace design comes from the unique selective shift/push combination of corrective forces that are fabricated into each brace. Attendees will be introduced to the standard clinical processes developed for the Boston Brace 3D.