

NU-FlexSIV Socket Course Attracts Prosthetists & Patients

NU-FlexSIV Socket Developers



Stefania Fatone, PhD, BPO(Hons)



Ryan Caldwell, CP, FAAOP

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Prosthetists & patients from coast-to-coast and Canada attended the NU-FlexSIV Socket Course at NUPOC



Socket developers Stefania Fatone, PhD, BPO(Hons), and Ryan Caldwell, CP, FAAOP, presented the NU-FlexSIV Socket Course to fully subscribed sessions

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The course consisted of conceptual presentations, clinical demonstrations and hands-on opportunities for Prosthetists



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Prosthetists cast their own patients who accompanied them from their home clinics

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Patient Models exchanged information and compared experiences using various prosthetic systems

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Ryan Caldwell, CP, demonstrates preparation of the positive cast



Measurements and modifications were projected on a screen, allowing close-up views for all attendees

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Dr. Fatone emphasizes accurate measurements as key to modifications and the final shape



Mr. Caldwell indicates specific areas to rectify on the subischial positive cast



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Mr. Caldwell demonstrates the correct fit of the thermoformed check socket to the patient's residual limb

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MPO 2017 students were Fabrication Assistants for the Course and learned fundamentals about the NU-FlexSIV Socket

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Josh Zumbrun (MPO 2017) Session 1 Fabrication Assistant

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Jacob Kilpatrick (MPO 2017) Session 1 Fabrication Assistant

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Andrew Sparks (MPO 2017) Session 1 Fabrication Assistant

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Supervised by John Brinkmann, CPO, and Mike Cavanaugh, CPO, MPO students provided valuable fabrication skills during the NU-FlexSIV Socket Course

Many thanks to Session 1 Fabrication Assistants (from left)

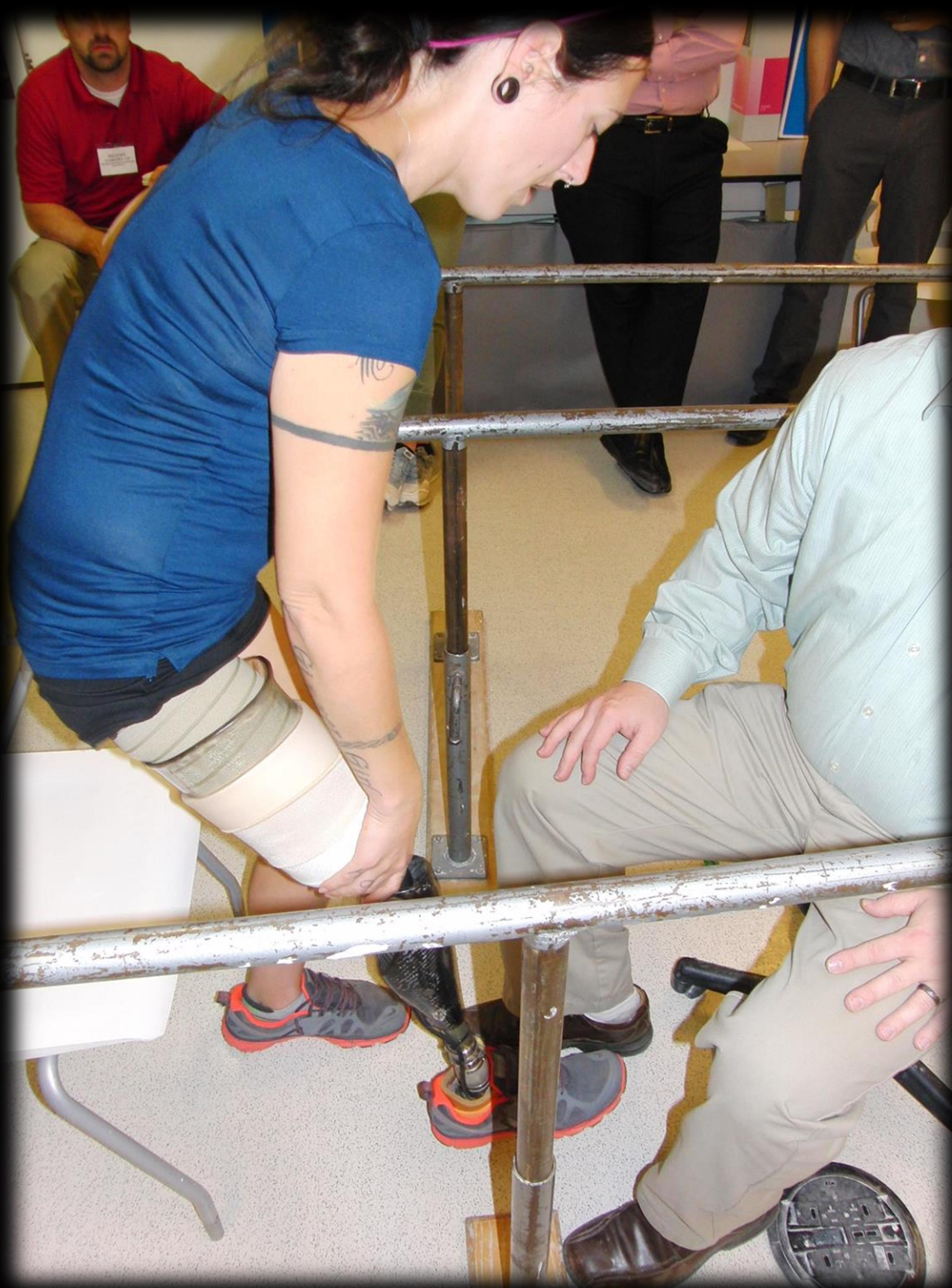
- ❖ Andrew Sparks
- ❖ Joey Zisk
- ❖ Samantha Wright
- ❖ Jacob Kilpatrick
- ❖ Josh Zumbrun (not shown here)

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Mr. Caldwell trains Prosthetists in the correct fitting of the NU-Flex-SIV check socket

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Mr. Caldwell and his Patient Model demonstrate donning the assembled NU-FlexSIV Socket and prosthetic components

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Mr. Caldwell makes a final adjustment to alignment



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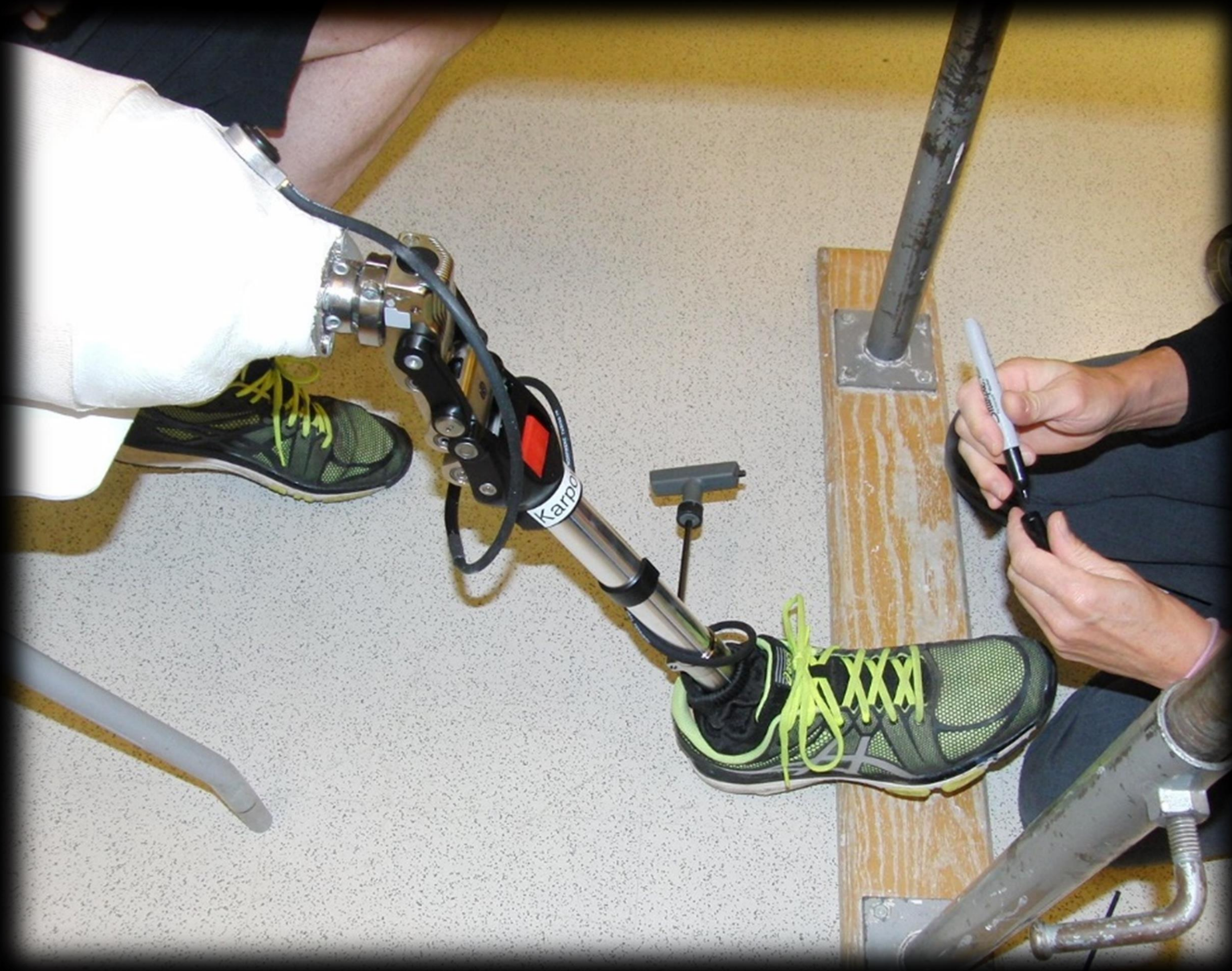
Prosthetists and patients critically evaluate the fit and alignment of the prosthesis

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Prosthetists and patients work closely to ensure a comfortable socket fit and prosthetic alignment

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Prosthetist adjusts the knee and foot-ankle alignment



Patient Model walks wearing the NU-FlexSIV Socket

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Prosthetists discuss the NU-FlexSIV Socket and its potential in their clinical practice

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Top view



Posterior view



Thanks to Advanced O&P Solutions for fabricating the NU-branded NU-FlexSIV Socket

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We appreciate the generous support of Össur

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NU-FlexSIV Socket Courses were made possible with funding from the Department of Defense Grant #W81XWH-10-0744 (2009-2016)

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The NU-FlexSIV Socket Developers Recognize and Appreciate

- ❖ **DOD Grant #W81XWH-10-0744**
- ❖ **Support from Össur**
- ❖ **NUPOC faculty, staff and students**
 - ❖ **Michael Cavanaugh, John Brinkmann, Chris Robinson, John Michael, Piper Kruse, Linda India, Ken Harris, Elizabeth Rowe, Jacob Kilpatrick, Andrew Sparks, Samantha Wright, Joey Zisk, Josh Zumbrun, and R. J. Garrick**
- ❖ **Department of PM&R**
- ❖ **Scheck and Siress Prosthetics, Orthotics & Pedorthics**