



R. J. Rosenberg  
Orthopedic Lab, Inc.

Specializing in Upper Limb and Lower Limb  
Prosthetics and Silicone Restoration Since 1980.

SPRING  
2020

# TechReview



## PROFILE: KATIE JOHNSON, MS, CPO/L

*Katie Johnson is a licensed certified prosthetist/orthotist. Katie joined R. J. Rosenberg Orthopedic Lab last Spring and evaluates, fits and finds solutions for our prosthetic patients, both upper and lower extremities.*

*Katie earned her certificates in orthotics and prosthetics from Northwestern University; a Master of Science degree in biomedical engineering from the University of California; and a Bachelor of Science degree in mechanical and biomedical engineering from Tufts University.*

*She is a member of the American Academy of Orthotists & Prosthetists (AAOP), Women in Orthotics & Prosthetics of AAOP, and is the lead member of the AAOP Publications Committee Literature Update Working Group.*

*"Katie has very impressive credentials and a wide range of experiences working with O&P patients. We're very happy she is on our staff," said Ryan Spill, CP/L and president of R. J. Rosenberg Orthopedic Lab.*

## LIFE-LONG PATIENT OF R. J. ROSENBERG ORTHOPEDIC LAB FEELS LIKE HE IS PART OF THE FAMILY

Reubin H. has been an amputee nearly all of his 39 years, and a patient of R. J. Rosenberg Orthopedic Lab from the beginning, first with founder Richard Rosenberg, CPO/L, and now with Ryan Spill, CP/L. He's not sure how his mother chose Rosenberg, but he is glad she did. "Rich, Ryan, and Tammy (Franklin, CFm) are like part of my family," he said. "I never thought about going anywhere else."

Reubin's journey began when he was born prematurely resulting in health issues with his eyes, ears, heart, and a right leg that didn't have all its bones. Surgery when he was less than two years old corrected the issues, but also meant his leg was amputated. "After the surgery, I was pretty much good to go," he said. "I don't know why my mother chose Rosenberg, but I was lucky enough to get a prosthesis at a young age so I feel I was truly blessed."

Reubin said that while he was growing up, there was some curiosity among his peers about his prosthesis. "Sometimes they teased, and in gym class, I would get some staring at first, but it really didn't affect me. I think I got respect because I never got upset about it. I developed a sense of humor. Both my parents taught me not to feel sorry for myself and my brother, who is five years older than me, never treated me any differently."

This year, Reubin participated for the first time at the Rosenberg annual golf clinic. "I knew about it, but I never attended. I thought I would try it this year and it was a lot of fun. I would like to do it more, but getting the time to do it is difficult."



Reubin works retail full time and has an active 6-year-old son, meaning that he is on his feet almost constantly. Sometimes he feels the wear and tear. "I'm getting older now," he jokes. To keep his joints limber, he has a routine of working out and using the treadmill. "I have no problem walking at a moderate pace, but my main goal is to run," he said. To that end, Ryan has fabricated a running leg for him.

"I'm very happy with Ryan. I like his energy and the overall service I get at Rosenberg's. They are innovative and keep me going."

Through his job, Reubin has observed other amputees who are not doing as well. "They come in with prosthetic legs that aren't on par for what they do and it isn't easy for them to get around. I feel lucky to have been with Rosenberg's from the very beginning. My (prosthetic) leg is just a part of me."



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## HYDROSTATIC CASTING PROCESS ADVANCES SOCKET COMFORT

The Symphonie® Aqua System technology, an advanced socket casting process, is now being used by Ryan Spill, CP/L, at R. J. Rosenberg Orthopedic Lab. Unlike traditional non-weight bearing casting methods where a patient is seated, the Symphonie calls for the patient to stand in a pressurized tank in full weight-bearing mode. Within a few minutes after hydrostatic pressure is applied to the residual limb, the patient's body weight and tissue contours are transferred perfectly and evenly to the casting material. The new impression accurately reflects the limb under full weight-bearing conditions exactly as it would be inside a prosthetic socket.



The full contact and weight bearing that the patient experiences during the casting process also provides excellent proprioceptive feedback to the patient who can then give the prosthetist valuable information concerning bony and sensitive parts of the limb before the socket is made.

This technique is particularly helpful for patients who have complex residual limbs and amputees who struggle with comfort of their sockets. By improving prosthetic comfort, patients achieve higher mobility and improved quality of life.

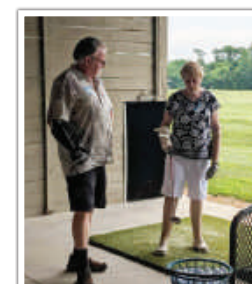
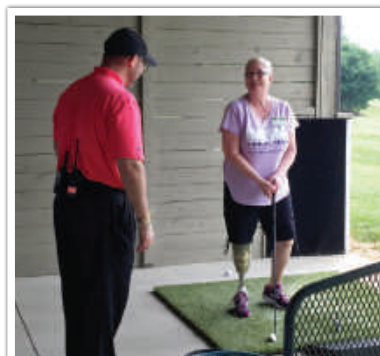
For more information, contact us at 513-221-7200.

## 23<sup>RD</sup> ANNUAL GOLF CLINIC FOR DISABLED GOLFERS - SET FOR FRIDAY, JUNE 12, 2020!

Mark your calendar! The annual R. J. Rosenberg Orthopedic Lab and Winton Woods free instructional golf clinic will be held Friday, June 12, at Meadow Links Golf Course & Academy Driving Range at Winton Woods.

The clinic is attended by physical and recreational therapists, rehabilitation professionals, golf instructors, and people with physical disabilities (including wheelchair users) who want to learn about adaptive golf techniques and equipment. Golf is one of the most adaptable sports available. Almost everyone, regardless of disability, can participate and enjoy the benefits it has to offer: increased flexibility, improved balance, fresh-air exercise, and camaraderie.

Invites will come out soon, watch our Facebook page and website.



**PHOTOS  
FROM OUR  
2019  
EVENT!**