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Spring/Summer  
2013

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# of Sunshine Prosthetics + Orthotics

(paid advertisement)

Brooke Artesi, CP, LPO

Originally a Fine Arts Major with a specialty in sculpting, Brooke went on to earn her Biology Degree at Rutgers. With an eye for design and understanding of science, she completed her Post-Graduate work at the University of Hartford for the *Newington Certificate Program* in Orthotics and Prosthetics (NCP). Working in the field of Prosthetics

and Orthotics for more than 10 years, Brooke has established *Sunshine Prosthetics + Orthotics*, her new private practice in Wayne, NJ. Brooke is licensed by the *NJ Board of Orthotics and Prosthetics* and Certified in Prosthetics by the *American Board for Certification in Prosthetics and Orthotics (ABC)*.

Meet Brooke Artesi, CP, LPO and CEO of *Sunshine Prosthetics + Orthotics*. Brooke is a highly trained medical professional who specializes in the production and application of artificial body parts, such as leg and arm prosthesis, for physically challenged adults and children, and is also a NJ Licensed Orthotist, with expertise in Ankle/Foot Bracing, Knee Bracing, Post-operative Sports Bracing, Customized Foot Orthotics, Custom Pediatric Orthotic Devices and Scoliosis Bracing, Cranial Remolding, and Dynamic Movement Orthoses.

In addition to her extensive knowledge in the Prosthetic and Orthotics field, Brooke is also a Certified Mastectomy Fitter who specializes in Non-surgical Breast/nipple Reconstruction, utilizing the revolutionary *Radiant Impressions* product. Each unique and life-like breast prosthesis is artfully sculpted and is a one-of-a-kind, custom creation. *Sunshine Prosthetics + Orthotics* is the only facility in the tri-state area certified to perform Custom Mastectomy Prosthesis with *Radiant Impressions*.

Brooke is passionate about her work, as she too, is a prosthetic limb wearer. The result of a train accident when she was just 15, Brooke's leg was amputated below the knee. A compassionate professional who possesses a deeply personal under-

standing of her patient's needs, Brooke states, "I carefully take into consideration my patient's individual needs in an effort to maximize their potential for function and activity. The end goal is to help my patients feel whole again, encouraging them to reach their potential to stay active!"

## Modern Technologies and Techniques Produce State-of-the-Art Prosthetics

With today's modern advancements in the science of prosthetic making such as CAD/CAM (Computer Assisted Design and Technology) and VACUUM Assisted Suspension (a more advanced option than older pin suspension technology, to achieve a better fitting socket on lower extremity amputee prosthetics), Brooke is able to assist the amputee with artificial limbs that fit and perform better for every patient. Another cutting-edge device Brooke routinely uses is the *Omega Scanner*. When an amputee comes in to be fitted with a prosthetic limb, Brooke scans the patient's limb with the Omega's LED Light Technology and that information is immediately transferred to her computer's hard drive. Once the scanning procedure is completed, a 3 dimensional digital model of her patient's limb appears on the computer screen that allows Brooke to modify as needed, to create a more precisely functional prosthesis. Scanner technology is faster, as the procedure takes just minutes and is a preferred method, as compared to the old-fashioned technique of plaster mold-casting. "Patients love it because scanning is fast, so it saves time, and fewer practitioner fittings are required to achieve superior results. Scanning affords a quicker turn-around from scanned model to a completed prosthetic," says Brooke.



Cranial Remolding Helmet

## Custom Pediatric Orthotics Devices a Specialty at Sunshine Prosthetics + Orthotics

*Sunshine Prosthetics + Orthotics* specializes in the treatment of developmental deformities and disabilities in pediatric patients. The most advanced, state-of-the-art technologies and techniques are utilized to produce superior products that deliver superior results.

**Cranial Remolding** for pediatric patients who are 3-18 months of age and who present with skull deformities such as plagiocephaly; an asymmetrical distortion, or flattening of one side of the skull, is accomplished with the Custom Fitted Cranial Remolding Helmet. Brooke utilizes the *Omega Scanner* to obtain a digital model of the patient's head and works with *STARband* products.

**Ankle Foot Orthoses** are custom fitted and are used to correct musculoskeletal deformities and abnormalities in pediatric gait. Custom Fitted Ankle/Foot Orthotics allows movement where the patient has functional control and provides support where the patient has weakness or dysfunction. Brooke utilizes the *Omega Scanner* with her pediatric gait patients as well, to quickly obtain a model of the patient's ankle/foot and works with *Dafo* products.

## Functional Electric Stimulation...Help for Patients with Muscular Atrophy

Another superior technological advance is FES, the Functional Electric Stimulation unit. It stimulates nerves and muscles to give patients more natural movement and stability, and is used for patients who are suffering from Drop Foot. The FES Hand Unit is widely used for patients who have suffered a Stroke, for Multiple Sclerosis Patients, those with Cerebral Palsy and Brain or Spinal Cord Injured patients. FES re-educates muscles, thereby reducing muscle loss. It also increases blood circulation to the localized area, and maintains and improves a range of motion.

If you or a loved one has trouble walking or using your hand as a result of Stroke, Multiple Sclerosis, Brain Injury, Spinal Cord Injury or Cerebral Palsy, *BIONESS* wireless technologies may help you regain your independence and become active again. *Sunshine Prosthetics + Orthotics* will help you find out if a *BIONESS* System is right for you. **FREE Screenings** are available once each month by appointment only. **Call 973-696-8100** for more information.

## Overcoming Physical Limitations...Yes, You Can!

Possessing the desire to achieve, overcome physical limitations and excel in her profession, Brooke Artesi is a top athlete who passionately provides her patients with resources to help them reach their individual potential. Brooke is a member of the Board of Directors of *No Limits Limb Loss Association* that funds *Camp No Limits*, where Brooke is a volunteer counselor. *Camp No Limits* is a place where young amputees learn to push beyond their limits to overcome physical challenges and remain active.

As a Certified Peer Visitor for the *Amputee Coalition of America*, Brooke retains the right to visit amputees in the hos-

pital, serving as a peer mentor, helping amputees overcome the many physical challenges associated with limb loss.

Committed to the mission of promoting a better quality of life for people with physical limitations, Brooke Artesi sits on the Board of Directors of the *Orthotic and Prosthetic Activities Foundation (OPAF)*. "The organized structure and nationwide presence allows amputees to participate in activities with their peers that would otherwise not be possible" states Brooke.



## Keep Moving!

*Extremity Games* is organized by the *Athletes with Disabilities Network (ADN)*, whose mission it is to promote a better quality of life by creating opportunities for athletes with physical disabilities. ADN also organizes *Athletes with Disabilities Hall of Fame*, where men and women who have overcome physical challenges to become elite athletes and superior role models are honored.

Brooke has competed and has won awards in rock climbing and kayaking at several *Extremity Games* competitions. Amputees from all over the United States compete in a wide variety of events, such as skate-boarding, wake-boarding, mountain biking, motor-x, power-lifting and mixed martial arts. *Extremity Games* challenges the amputee to strive for a

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## Brooke Artesi, CP, LPO of *Sunshine Prosthetics + Orthotics*

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better quality of life through physical and mental fitness.

### Our Promise to You

At *Sunshine Prosthetics + Orthotics*, it's all about fitting prosthetic and orthotics needs patients with the most cutting-edge devices available today and motivating every patient Brook sees to "get moving and stay active!" <sup>R<sub>x</sub></sup>

*"Helping my patients regain mobility with prosthetics and orthotics is what I was meant to do. My whole life experience led up to this moment of opening my own practice."*

*-Brooke Artesi, CP, LPO*

Sunshine Prosthetics + Orthotics

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## Specializing in custom devices for physically challenged adults and children

**Prosthetic Limbs** - Sunshine Prosthetics + Orthotics utilizes *Omega Scanner LED Light Technology* to more quickly and precisely create a custom fitted prosthetic limb for amputee patients

**Functional Electric Stimulation Therapy** for patients with Drop Foot



### Pediatric Orthoses



Cranial Remolding



Hip Dysplasia



Scoliosis Bracing



Ankle Foot Orthotics

**Certified Mastectomy Fitter** - Sunshine Prosthetics + Orthotics is the **ONLY** facility in the Tri-State area to offer the Revolutionary, Life-Like *Radiant Impressions* Custom Breast Prosthesis



**BROOKE ARTESI, CP, LPO**

973-696-8100

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