



The future of foot pain relief

PREMIUM CUSTOM ORTHOTICS
Scanned with SmartCast®
Precision crafted by hand.



We are the leader in the design and manufacture of premium custom foot orthotics.

Located off the beaten path in the far northwest corner of Washington State, we've always been a little outside of the mainstream: obsessively high standards, one-of-a-kind manufacturing processes and outside-the-box thinking.



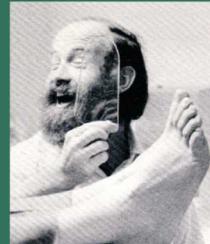
The Inventor

In 1964, Dennis Brown, retired British soldier, elite athlete and natural-born inventor, bought a fledgling custom orthotic lab and immersed himself in the field of orthotics and set out to reinvent how they could be made.



The Expert

In 1974, Dennis invited renowned expert and biomechanics pioneer, Dr. Chris Smith from the California College of Podiatric Medicine to be his partner. Chris' well-regarded credentials gave Northwest instant credibility, and his knowledge of the foot's function proved invaluable in new product development.



The Innovations

Using knowledge gained while working with carbon fiber, Northwest created a new top-tier product with a combination of fiberglass and graphite, called Superglass®. Out-of-the-box thinking established proprietary advancements in production resulting in a thinner, lighter and stronger custom orthotics.



The Comedian

In the mid-90's Jerry Seinfeld called the lab looking for help. So impressed after traveling to the lab to have his orthotics made, he encouraged them to use his story. An ensuing friendship landed Dennis, Chris and their wives with invitations to a number of Seinfeld shows, including an appearance in the final episode!



Foot pain? Get back on your feet



The Technology

In the 2000's, Northwest invested heavily in proprietary manufacturing technologies to enhance the capabilities of its experienced craftspeople. In recent years, new 3D imaging innovations like the In-Office Foot Digitizer and SmartCast® were launched to help more healthcare professionals provide world-class orthotics.

Dennis and Chris estimate they have worked on over a million feet and created more than 40 patents related to orthotic devices and processes. Today, imbued by Dennis' and Chris' belief in biomechanics, original ideas, artisanship and hard work, Northwest employees carry a deep sense of pride in their origins, their craft and their ability to help people today, and for generations to come.

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PODIATRIC
LABORATORY

With SmartCast, the path to foot pain relief has never been easier.

- 1 While seated on an exam chair or table with your shoes and socks off, the SmartCast Foot Positioning System[®] is placed under your lower leg. Your healthcare professional puts your foot into the ideal functioning position using a special process and the unique features of the SmartCast Foot Positioning System.[®]
- 2 A photo and 3D scan of your foot are captured. For the scan, the iPad and 3D sensor are moved to acquire the sides of your foot and the back of your heel. The scan is reviewed for accuracy and completeness. The SmartCast Foot Positioning System[®] is moved to your other leg. The photo and scanning process is repeated.
- 3 Your healthcare professional completes a digital prescription form in the SmartCast[®] app and securely submits the order. Using the photos, scans and specifications provided by your healthcare professional, our highly experienced technicians craft custom orthotics for your unique foot and foot pain.
- 4 Your finished orthotics are shipped and you visit your healthcare professional's office to try them out in your shoes to ensure they feel good and fit well! Enjoy your new orthotics!

Experience the peace of mind and outcomes only Northwest Podiatric Laboratory and SmartCast[®] can provide.

WE GET BETTER DATA. YOU GET BETTER ORTHOTICS.
At the heart of SmartCast[®] is the patented SmartCast Foot Positioning System[®] that turbocharges your healthcare professional by allowing them to consistently and accurately position your foot. Combine this with extremely accurate 3D scanning and you don't just have another foot scanner, you have a system that captures the RIGHT data.

A SUPERIOR EXPERIENCE.
SmartCast[®] is quicker, more comfortable and less messy than traditional plaster casts or foam impressions. Best of all, the ease, convenience and speed don't come at the expense of quality. With SmartCast[®], we're crafting the best custom orthotics in our history.

ORTHOTICS...FASTER!
Orders for orthotics are submitted digitally and received immediately at Northwest Podiatric Laboratory - there's no extra processing, handling or shipping time. Your finished orthotics arrive at your healthcare professional's office in approximately two weeks.

HANDMADE IN THE UNITED STATES
Made in the USA matters to us. Our orthotics are made in Blaine, Washington by craftspeople (not algorithms) with hundreds of years of combined experience.

