

The perfect fit

Vorum helps Cascade DAFO deliver better fitting braces

At a Glance

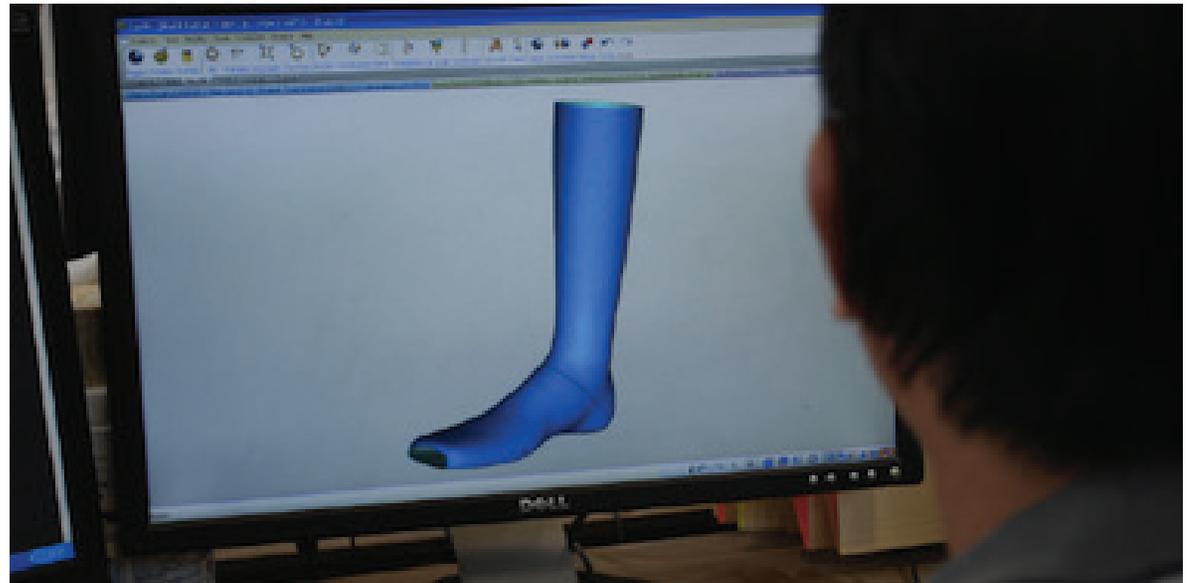
Cascade DAFO

Leading manufacturer of pediatric dynamic ankle foot orthoses

Ferndale, WA

www.cascadedrafo.com

- **Global growth enabled by digital technology**
- **Accurate 3D scans yield better fitting braces**
- **Electronic patient history helps troubleshooting**



Harnessing digital technology to serve customers around the world

For the past eight years, Cascade DAFO have been using the Vorum digital P&O solution to produce pediatric Dynamic Ankle Foot Orthoses (DAFOs) for both domestic and international customers. They also operate a clinic in Ferndale, WA where patients can be scanned, or, thanks to Vorum technology, off-site practitioners can send scans via email. This capacity to accept

digital files allows Cascade DAFO to manufacture braces for patients all over the world.

A more complete picture. Better fitting braces.

Data from the Vorum non-contact 3D optical scanner not only provides increased accessibility to their services, it also “gives a more complete picture” of the patient, so that Cascade DAFO can provide a better fitting product. Cascade

DAFO has 15 staff members who use the Vorum solution to create DAFO braces. Once they create or receive a scan, Cascade DAFO staff complete all of the necessary modifications, as specified on their order forms, using Vorum 3D design software. Next, they send the shape to a carver which mills it out of foam. The foam mold is used instead of a plaster positive to create the brace and the brace is shipped to the customer.

Digital technology enables new ways to track patient history and collaborate with practitioners

Within the Vorum design software, all patient measurements and shape modifications are stored in a history, allowing practitioners to track changes over time. This also enables them to make changes and adjustments efficiently and effectively, which proves to be very useful if a DAFO brace needs re-fabricating. Loretta Sheldon, Director of Business Development and Education, recalls a past instance when re-fabricating was necessary: “the digital technology allowed us to look through the layers of modification to unravel the root of the problem. Thanks to this history, a conversation with the practitioner, and a video of the patient, we were

able to quickly come up with a good solution, using information we could rely on.”

“The Easiest to Use. There were also no restrictions.”

When asked why the company chose Vorum over other computer-aided design and manufacturing (CAD/CAM) system providers, Noah Wass, from Research and Development, answered “it was the easiest to use. There were also no restrictions in how we used the software, and this was big for us.”

Lane Guffy, who is a Certified O&P Technician, comments that the Vorum support staff is “very willing to take the time to show us how to use certain features of the software and make sure we are comfortable using it.”

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