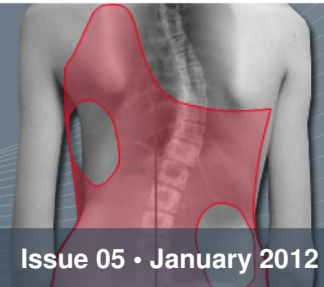




# the **Canfit** EXPERIENCE

In this issue: Bandagist Jan Nielsen O&P

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## **BANDAGIST JAN NIELSEN O&P**

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### **Vorum Solution Components:**

#### *Canfit™* Software

- P&O Design
- AK Design
- Body Jacket Design
- AFO Design
- KAFO Design
- Knee Brace Design
- Cosmetic Cover Design

#### *Canfit™* Hardware

- 3-Axis Carver
- scanGogh II

[www.vorum.com](http://www.vorum.com)

Canada/USA Locations - (800) 461-4353

Other Global Locations - (604) 321-7277

## **Canfit™: Addresses Your Needs**

Bandagist Jan Nielsen (BJN) Orthotics & Prosthetics in Copenhagen, Denmark has been a satisfied owner of *Canfit™* CAD/CAM products since 2009. Bandagist Jan Nielsen is a provider of prosthetic and orthotic appliances for both children and adults. Today, 70% of all production is completed using *Canfit™* products.

When BJN O&P contacted Vorum for more information about *Canfit™* products, BJN identified three key issues that they wanted to address with the purchase of a CAD/CAM system: an over-crowded clinic space, a desire to improve efficiency, and the ability to use their own designs. Having solved similar challenges in the past, Vorum was confident that their *Canfit™* system would address each of the issues raised by BJN.

### **A DIGITAL LIBRARY = NO PLASTER, MORE SPACE**

The BJN clinic is located in a building that is over 200 years old and is made of many small rooms. In the clinic basement BJN was storing hundreds of plaster casts, and although these casts were organized using a colour and number system, it was very difficult to locate them. Instead of spending time with patients or preparing a new model, staff members were spending a great deal of time searching the basement to find the stored casts. The *Canfit™* scanGogh II scanner solved this problem. Staff at BJN scanned the casts, to create a digital library. Now, instead of going down to the basement to search through stacks of plaster body parts, a search can be performed on the computer. Because of the *Canfit™* System, BJN staff members no longer waste time looking for casts and the clinic has more useable space as they no longer have to store plaster.





**BANDAGIST  
JAN NIELSEN O&P**

BJN, founded in 1919, strives to help and treat people with physical disabilities. Their goal is to provide their patients with better mobility options and quality of life. BJN wants their patients to become as self-reliant as possible.

In order to achieve this goal, BJN wants to make simple, intelligent solutions for their patients, and to become a valued partner on their patients' health care teams.

BJN ensures that the quality of their products is optimal. This includes delivery, product design and documentation processes.

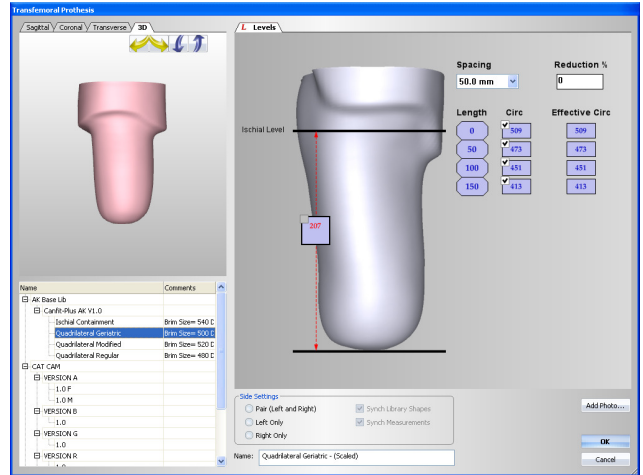
BJN Staff participates in continuous training which allows for innovation and superior care.

**BJN Values:**

- Focusing on human relationships
- Providing high quality and good workmanship
- Respecting people that are different
- Delivering smart solutions
- Developing the business, so will always be one step ahead
- Being open and easy to talk to
- Having high ethics and credibility

**PRE-BUILT REFERENCE SHAPES = IMPROVED EFFICIENCY**

BJN discovered they could improve efficiency by using the templates that are built into the *Canfit*<sup>TM</sup> design software. Rather than having to start a design from scratch every time, *Canfit*<sup>TM</sup> design software has a collection of templates that have standard features and design elements built in. These templates are available for each clinical application that is supported by the software. For creating prosthetic check sockets, there is also a selection of brim styles to choose from. While the practitioner enters the patient's measurements or imports the patient's scan data into the software, the template is interactively fit to the patient. This gives the practitioner a starting point for their design. Jan Nielsen, Clinic Manager, commented that this feature is very helpful for young practitioners, as it helps them to create a better fitting device faster.



Not only is the design process faster, but BJN reports that the time to complete the entire process – from patient information capture, to finishing the device - has been drastically reduced. A trans-femoral socket that used to take 3 hours to produce can now be made in 45 minutes.

*“A young man who was injured in a traffic accident came into the clinic because he lost his leg and was unable to walk. After just one hour, a practitioner at BJN made him a custom fitting prosthesis, enabling him to walk again.”* Jan Nielsen, Clinic Manager

**FLEXIBLE TEMPLATE CREATION = LEVERAGE PROVEN DESIGNS**

Using traditional techniques, BJN developed the *Comfort Socket Design*: a trans-femoral socket made from silicon and prepeg materials. BJN was concerned that moving to CAD/CAM would prevent them from using their proven formula – but this was not the case. Working together with Vorum's Technical Support Team, they were able to create a custom *Comfort Socket* template in the software. Thanks to the flexibility of *Canfit*<sup>TM</sup>, BJN has the ability to produce *Comfort Sockets* using CAD/CAM technology.

Vorum successfully addressed each of the challenges that Bandagist Jan Nielsen raised. BJN now has more useable space, can easily find old casts using their digital library, are more efficient from leveraging pre-built templates, and continue to use their proven designs electronically.