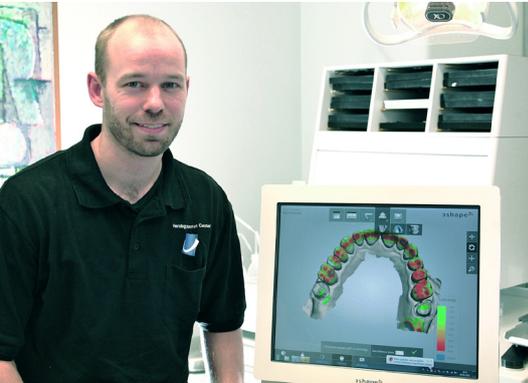


TRIOS[®] helps us develop ourselves as dentists



About Herning Implant Center

The Herning Implant Center has 18 employees with a permanently attached anesthetist, anesthetic nurse and dental laboratory. These dedicated dental professionals pride themselves in the use of the latest treatments and dental technologies, including 3Shape CAD/CAM and TRIOS[®]. The Herning Implant Center has more than 20 years of experience with all types of implant treatments.

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About 3Shape

3Shape creates 3D scanning and CAD/CAM software solutions. Award-winning technology that enables dental and hearing professionals to treat more people, more effectively and with improved care. A privately-owned company, 3Shape has over 780 employees with a product-development force of more than 275 professionals. Offices and service centers located in the Americas, Asia and Europe serve customers in more than 100 countries. Company headquarters are in Copenhagen, Denmark.

www.3shape.com

Why take traditional impressions, when it is possible to scan in 3D in less than three minutes and then design virtually? Dentist Simon Kold from Herning Implant Center has worked with the TRIOS[®] scanner since June 2011, and has no doubts about his own preference.

Crowns with more precision

Dentist Simon Kold would not want to be without his TRIOS[®] system today. TRIOS[®] makes it possible to work digitally throughout the case. Many laboratory procedures can be carried out using CAD / CAM technologies including production of a digitally designed model. Another option with TRIOS[®] is to make model-free crowns in full zirconium and e.max. The fact that one can skip the physical model makes the whole workflow both faster and cheaper. With model-free crowns you get an alternative to conventional crown treatment, which can accommodate a large group of patients which otherwise would have chosen a composite reparation to save money. "TRIOS[®] provides many advantages," says Simon Kold. "It avoids uncertainties and potential errors that can come with traditional impression taking and casting in plaster. Precision becomes significantly higher." Simon Kold also speaks of the great satisfaction in working with the market's latest technology. It develops not only the clinic's staff, but also takes the clinic in new directions.

Does it make you a better dentist?

Simon believes that his preparations have improved significantly since he started working with TRIOS[®].

"It's always been challenging to define an adequately precise margin line and this puts greater demands on preparation skills. Now I find it easier to assess the quality of my impression because I can see the preparation right away in 3D," Says Simon Kold. "It's easy to use the 3Shape TRIOS[®], but naturally, one needs to learn how to scan optimally. The first day we scanned 6 patients in a row with 3Shape representatives on-site giving instructions. After that, we were ready to work on our own. There have been a few start-up issues but that's how it is with new techniques." A very satisfying and significant TRIOS[®] experience took place when Simon in November 2011 successfully completed an upper-jaw reconstruction using 12 new teeth. Both the scan and the whole workflow with the laboratory functioned smoothly and all 12 teeth slid in without making any adjustments!

Simon Kold also took a traditional impression during the process. He sent the physical impression to the lab and asked them to assess its precision in relation to the scan. Their answer was clear. The laboratory judged that the sources for errors had been minimized by up to 70%! This high ratio surprised Simon.

When making major reconstructions, it is an advantage that the laboratory can model and adjust virtually on-screen instead of physically having to work with a wax model.

3Shape – a professional team that demonstrates high commitment to its customers

3Shape and their professionalism have been an asset. They listen carefully to our issues and quickly provide solutions. They seem very committed in their aim to be the best in their market," says Simon Kold, and he adds "3Shape works hard to be the best in each area they work with. I like that."

TRIOS® brings significant advantages

Before choosing TRIOS®, Simon Kold thoroughly investigated the 3D scanning market. The key factors that led to TRIOS® were:

- Open system – TRIOS® is not locked to a specific provider. TRIOS® opens many doors that help clinics start working digitally.
- Auto focus – It doesn't matter which angle or distance the scanner is held while scanning.
- No powder or spray needed.
- Live video scanning – It's like shooting a video. The scan is built up on the screen as one works. Its fast, modern and precise.

An investment that secures your future

"Look at it as an investment in the future," says Simon Kold. "The scanner will naturally represent a significant investment although one saves time and the cost of impression materials. But TRIOS® brings many things that develop the clinic. In the US, labs are starting to train technicians to be completely dedicated to CAD/CAM workflows. In a few years, both labs and clinics will be much more digital. It's a new era one needs to be a part of!" concludes Simon Kold.

Full-jaw reconstruction in upper-jaw with 12 teeth



Before – full-jaw reconstruction (bite - frontal view).



Digital upper-jaw model.



After: Full-jaw reconstruction (upper-jaw occlusal view).



After: after upper-jaw reconstruction (bite – frontal view).