

Nobel Biocare expands CAD/CAM offering with new flexibility and connectivity

Media release

- **New desktop scanner starts the digital journey with speed, color and precision**
- **Truly integrated digital ecosystem connecting the dental world from beginning to end**
- **Unrivaled new access to authentic restorations with precision of fit**
- **Digital production on demand with NobelProcera® Scan and Design Services**

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At the Chicago Dental Society's (CDS) Midwinter Meeting, February 22–24, and LMT Lab Day, February 23–24, Nobel Biocare introduces a newly expanded CAD/CAM offering, designed to enhance flexibility and connectivity between treatment partners. Introducing the launch of the new KaVo LS 3 desktop scanner, the events also feature the DTX Studio design software, an exciting expansion of workflow flexibility, treatment collaboration and increased business possibilities for dental laboratories.

The new offering is made possible through the close partnership with KaVo, first announced at the International Dental Show (IDS) 2017 featuring new KaVo imaging equipment and the DTX Studio software. These two leading dental innovators will continue to develop new equipment and software solutions in pursuit of digitally enabled treatment workflows that are seamless from beginning to the end for clinics and laboratories.

New desktop scanner starts the digital journey with speed, color and precision

Designed to enhance efficiency, the newly launched KaVo LS 3 desktop scanner seamlessly connects to DTX Studio design for fast restoration planning. Dental technicians can save time without compromising quality – a complete jaw scan can be performed in under 60 seconds with an accuracy of up to 4 µm (according to ISO 12836), even when working on the most complex cases. It is equipped with an optical system that captures the fine textures and colors of the dental model for true visualization, and scans can be managed directly at the scanner itself, using its intuitive 5-inch touchscreen. Work can also be simplified with the spacious, open design providing easy access to the case, as well as the ability to mount a full articulator, improving efficiency within the dental laboratory.

Truly integrated digital ecosystem connecting the dental world from beginning to end

The DTX Studio ecosystem will offer exciting new solutions in connecting the modern dental professional with the entire treatment team at each stage of dental implant treatment. It will integrate the very latest technologies and equipment from patient imaging acquisition to diagnostics, planning, implant surgery, restorations and follow-up. This includes 2D and 3D data from X-ray and optical sources, designed to manage image-based information through one single software in the practice. DTX Studio for clinics will process data in dentistry-relevant workspaces and is geared towards daily use, seamlessly working with both Windows® and macOS®. This provides users with tools for ease and efficiency; just one example being the online collaboration between NobelClinician and DTX Studio design for laboratories, whereby a TempShell provisional can be produced in-house for same-day, immediate screw-retained provisionals.

For dental laboratories, the DTX Studio ecosystem brings a new opportunity to become the 'go-to' lab of the future, enabling flexibility in their choice of workflow and business models. DTX Studio design software will accept intraoral scan files from systems such as TRIOS®, iTero®, 3M™ and Carestream Dental™, as well as files from other desktop scanners. Furthermore, lab owners will benefit from the best of two worlds: 'Direct access' to premium NobelProcera centrally manufactured products including bars, and 'open output' with the option to produce cement-retained restorations in-house.

Unrivaled new access to authentic restorations with precision of fit

Using the new KaVo LS 3 scanner, dental technicians can access the full portfolio of NobelProcera restorations. In combination with the DTX Studio design software, users will also benefit from smooth, fast workflows and the flexibility to produce authentic, precise-fitting NobelProcera CAD/CAM solutions by outsourcing to state-of-the-art facilities in Mahwah, New Jersey, USA, and Chiba, Japan. Manufactured in accordance with the ISO 13485 quality management system and cleared by the FDA where required, the output quality of every prosthetic is monitored. This results in products demonstrating high precision of fit,

mechanical stability and years of safe and reliable performance, bringing time and cost efficiency to the dental laboratory. When assistance is needed, direct local support is available from Nobel Biocare specialists who are fully trained on the workflow.

Digital production on demand with NobelProcera® Scan and Design Services

To help laboratories consistently meet increasing demands for high-quality implant-based restorations and simultaneously avoid significant investments in equipment, not to mention time and staff training, NobelProcera Scan and Design Services can help.

Send a case from one of the 25 approved scanners, receive precision-fit bars, abutments and implant crowns, crowns and 3D printed model. Whether using an IOS or desktop scanner, the process is simple – and within a matter of days, the precisely manufactured restoration is shipped to the lab with a material authenticity certificate and a five-year product warranty.

Hans Geiselhöringer, President, Nobel Biocare said: “Bringing together connectivity and flexibility from beginning to end, this new CAD/CAM offering, featuring NobelProcera, KaVo and DTX Studio, enables numerous prosthetic restoration options allowing dental technicians to become the ‘go-to’ digital laboratory of the future. It is the ultimate CAD/CAM solution for fast and easy access to the renowned quality and precision of fit offered by NobelProcera restorations. Powerful CAD/CAM software is an inevitable step forward for the next generation, and following the digital treatment journey with DTX a single, central hub enables the speed, efficiency and streamlined workflows that are crucial in meeting and exceeding the expectations of customers and patients alike.”

For more information, visit nobelbiocare.com

Nobel Biocare is a world leader in the field of innovative implant-based dental restorations. The company’s portfolio offers solutions from single tooth to fully edentulous indications with dental implant systems (including key brands NobelActive®, NobelParallel®, Brånemark System® and NobelReplace®), a comprehensive range of high-precision individualized prosthetics and CAD/CAM systems (NobelProcera®), treatment planning and guided surgery solutions (NobelClinician® and NobelGuide®) and biomaterials (creos™). Nobel Biocare supports its customers through all phases of professional development, offering world-class training and education along with practice support and patient information materials. The company is headquartered in Zurich, Switzerland. Production takes place at five sites located in the United States, Sweden, Japan and Israel. Products and services are available in over 80 countries through subsidiaries and distributors.

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