



Media Release

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DEDICAM® en route to a full digital workflow

Since its introduction four years ago, CAMLOG has advanced to become an important provider of customized CAD/CAM prosthetics in Germany with DEDICAM®. With its product diversity and the performance spectrum of DEDICAM®, CAMLOG has complemented the digital workflow in dental practices and laboratory routines as "extended workbench". A process optimized right down to the finest detail ensures certainty of results at maximum convenience and individual freedom. Customers decide themselves when and which services are required for their workflow. "With DEDICAM we support our customers in implementing their preferred workflows with their preferred partners with open interfaces - across different hardware. With a focus on open and solution-oriented concepts, CAMLOG will continue to follow this route and successively offer new services, in particular with DEDICAM®. Here, we will particularly be taking the wishes and needs of patients into account", says Michael Ludwig, Managing Director at CAMLOG Vertriebs GmbH.

DEDICAM® novelties at the IDS 2017

In order to involve and bring together the treatment teams, consisting of surgeons, dentists and dental technicians, to an even greater extent in the future, CAMLOG has set itself the goal of continuously developing its DEDICAM® offers further. In this way, CAMLOG responds to the market changes resulting from digitization and will present new products and services at the International Dental Show 2017.

End-to-end workflows due to the modern DEDICAM and ConnectDental® marketing model

With their respective digital platforms DEDICAM® and ConnectDental, CAMLOG and Henry Schein have established themselves as a leading provider in the field of CAD/CAM prosthetics and the digitization of dental practices and dental laboratories. As an open comprehensive concept for digital solutions, ConnectDental supports dentists and laboratories in easily and safely entering or expanding in the world of digital dentistry and integrating digital technology into every step of the clinical workflow.

This allows implant planning without conventional impression taking and model fabrication in a digital workflow. An intra-operative digital impression enables modern treatment concepts to become conventional practice. Even without implant planning, the intraoral scanner makes sense for prosthetic reconstruction. The treatment processes are patient-friendly without the tedious impressions and the digital transfer of information to the dental laboratory is simple, fast and clean.

Both companies continue to expand their offerings and are combining the successful platforms DEDICAM® and ConnectDental for the German market. This allows them to meet the desires and needs of customers to offer custom-tailored solutions and complete concepts for digital workflow in the practice and the laboratory. A particular focus lies on innovative systems for digital intraoral impressions, such as the 3Shape® TRIOS® system, specifically in connection with DEDICAM®.

This in turn allows DEDICAM® and ConnectDental to combine their competencies for customers and offer integrated solutions and services throughout the digital workflow in Germany. The goal is to increase the efficiency of their shared customers from a corporate and dental perspective. Users are provided with support and advice in close cooperation with both the DEDICAM® product specialists and the ConnectDental team.

CAMLOG provides the expertise to expand the digital process chain in the field of oral implantology as well as in the network between surgeons, prosthodontists and dental technicians. The ConnectDental team is responsible for providing comprehensive consulting to identify the individually required tools and the extensive product portfolio – for example in the area of intra-oral scanners and further CAD/CAM solutions – while taking on their technical integration into the workflow as well as user training.

Easier processing of scanning data

As of April 2017, the DEDICAM® Scan & Design Service can use the intraoral or labside performed scans from the model for prosthetic design and fabrication orders and consider them in the 3D planning for implant positions. This saves shipping of models in physical terms and simplifies the cooperation between the customer and the DEDICAM® design team. In a digital workflow, the treatment team also requires perfect communications among its members. To ensure this interaction, the DEDICAM® Scan & Design Service enables the processing of Sirona CEREC® scanning data. In this process, scanning data are converted into STL files under certain conditions, so that DEDICAM® customers can design the prosthetic restorations with their CAD software from 3Shape®, exocad® or Dental Wings®. Or they can have the desired product constructed directly by the Scan & Design Service and manufacturing service.

Individual one-piece zirconium-oxide abutments for CERALOG®

Another novelty is the individual one-piece zirconium oxide abutment for the two-piece CERALOG® Hexalobe implant, which is also new. The full-zirconium-oxide abutment is available as of May 2017 from the DEDICAM® manufacturing service or the Scan & Design Service in two colors and is supplied optionally with a gold or titanium screw. The new CERALOG® Scanbodies are required for scanning. The DEDICAM® CAD libraries for 3Shape®, exocad® and Dental Wings® will be amended accordingly. Since the introduction of DEDICAM®, CAMLOG is an Authorized Milling Partner of Ivoclar Vivadent. The partnership is an ideal complement for both companies: CAMLOG provides the implant expertise, whereas Ivoclar Vivadent is specialized on the development, manufacturing and processing

of prosthetic solutions. The manufacturing and finishing of the CAD/CAM full-zirconium-oxide abutment is based on many years of experience in both companies.

Thread for horizontal screw-retention

Implant-prosthetic reconstruction often requires different techniques for a successful restoration in individual patient cases. In order to better support dental techniques in such cases, a M1.4 thread for horizontal screw-retention with the Bredent titanium screw will be available in the portfolio for all one-piece, individual titanium abutments as of April 2017. Abutments with this thread are available via the DEDICAM® manufacturing service as well as the Scan & Design Service.

3D printing of models and implant drilling templates

Printed models are a logical step in end-to-end digital workflow. The combination of surface scans, digital planning and 3D printing in conjunction with DEDICAM® as open platform, where customers can resort to CAMLOG services, make full digital workflow possible for every team constellation.

Therefore DEDICAM® also offers customized 3D printed models as well as implant drilling templates next to prosthetic and surgical planning. Implant planning is executed via DICOM data and superimposition with STL data.

Modern implant restoration concepts allow designing workflows such, that individual gingiva formers and temporary restorations can also be supplied with the drilling templates, guide implants and drill sets for the surgery appointment.

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Caption: DEDICAM offers a wide range of products and services for an optimal digital workflow.

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Image attached; free for publication in all print and online media

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