

## **exocad ChairsideCAD now also supports abutments and screw-retained crowns on vhf machines**

Additional indications in the integrated workflow allow the manufacture of implant prosthetics from titanium, ceramic and hybrid ceramic blocks

Ammerbuch, September 16, 2020: The software manufacturer exocad has expanded its integrated workflow with the vhf dental milling machine Z4. Now, titanium abutments and so-called titanium-based hybrid implant restorations can also be manufactured within the ChairsideCAD software. A demonstration of the new possibilities will be given at the vhf booth during the exocad Insights in Darmstadt on September 21 and 22. The hybrid event will take place both onsite and online.

The particular advantage of the integrated workflow is that users can complete all the necessary steps under a consistent software interface: From modeling and restoration to placing the work in the block. The full material selection tested by vhf is available, so that now, for example, users can choose from more than 800 prefabricated titanium abutments from eleven manufacturers. The possibility to drill screw channels for ceramic implant restorations on titanium bases directly into the ceramic blocks is also particularly economical. This eliminates the need to use expensive prefabricated “meso” blocks. The University of Washington recently confirmed the feasibility and economy of this procedure in a scientific study.

vhf has developed the Z4 for the sophisticated requirements of prosthetic same-day dentistry. The futuristic housing contains a high-precision milling and grinding machine for wet processing of blocks. It produces perfect restorations made of glass-ceramics, PMMA, zirconia and composites as well as prefabricated titanium abutments within minutes. With the tool-free block clamping system, the material block is automatically fixed and can be changed in seconds. Other user-friendly innovations include the integrated PC and a touch-screen, which makes it easy to control the work processes. This, together with the integrated compressed air generation, means that the Z4 requires no connection other than a power supply and can therefore be easily set up anywhere in the practice.

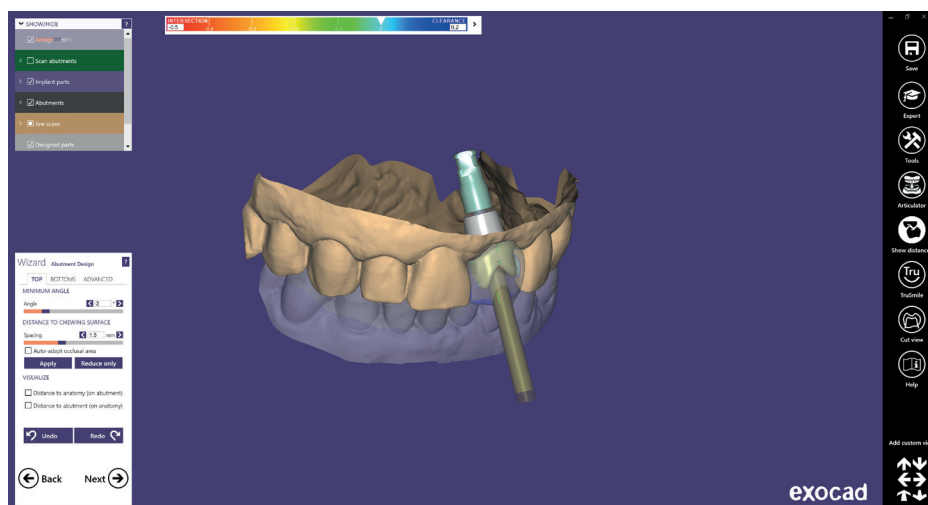
Just as all vhf machines are open systems which can process all materials available on the market, exocad also allows the use of different scanners which are integrated in an easy to

use workflow. ChairsideCAD is available in the EU, USA (currently without implant module), Japan, South Korea and Australia.

## Images



*The vhf Z4 – perfect for same-day dentistry. An ideal wet processing machine for grinding all kinds of block materials and for milling abutments.*



*Processing titanium abutments in the integrated workflow with exocad ChairsideCAD.*

**About vhf:**

Founded in 1988, vhf is a leading manufacturer of CNC milling machines, milling tools and CAM software for the dental sector, industry and sign making. Headquartered in Ammerbuch, Germany, vhf employs more than 250 people and is constantly expanding. With its subsidiary vhf Inc. in the state of New York, it provides North American customers with inventory, sales, service, and support.

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**About exocad GmbH:**

exocad GmbH is an innovative software company with the mission to expand the possibilities of digital dentistry and to offer flexible, reliable and easy-to-use CAD/CAM software for dental laboratories and dental practices. Leading OEMs (Original Equipment Manufacturers) worldwide rely on exocad for the integration of their dental CAD/CAM offers. More information at: [exocad.com](http://exocad.com).

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**For immediate release.**