

WORKING WITH DENTALCAD 3.3 CHEMNITZ

AN INTERVIEW WITH RAHUL KAKODKAR

Q: What were your first impressions when you started using DentalCAD 3.3 Chemnitz?

Rahul Kakodkar: When I first started using DentalCAD 3.3 Chemnitz, what stood out immediately was how open and well-structured the software felt. The workflow is clearly organized and logically aligned with the way dental technicians actually work. From the first case, it was evident that the software is designed to support both efficiency and precision, even in complex restorations.

Q: Did the interface feel intuitive and user-friendly?

Rahul Kakodkar: Yes, the interface felt very intuitive from the beginning. DentalCAD 3.3 Chemnitz follows a guided, step-by-step workflow, which makes it easy to understand each design phase. The tools are clearly visualized, and the software provides excellent feedback during design, allowing me to focus more on the restoration rather than on navigating the software.

Q: How easy or challenging was it to learn the software? Do you have practical tips for our readers?

Rahul Kakodkar: The learning curve was quite smooth. DentalCAD 3.3 Chemnitz is easy to get started with, while also offering powerful tools for advanced users.

My practical tips would be:

- Start with standard single-unit cases to understand the workflow
- Spend time exploring parameters, libraries, and settings, as they significantly influence the final result
- Use the anatomy proposal and copy tools as a foundation instead of designing everything manually
- Regular practice and structured training help unlock the full potential of the software

Q: How has DentalCAD 3.3 Chemnitz integrated into your existing workflow?

Rahul Kakodkar: The software integrates seamlessly into our digital workflow. Its open architecture allows us to work with different scanners, production systems, and materials without restrictions. This flexibility is extremely important for our lab, as it enables us to adapt to changing clinical requirements while maintaining a consistent design workflow.

Q: Has it improved efficiency compared to previous tools you used?

Rahul Kakodkar: Definitely! DentalCAD 3.3 Chemnitz has significantly improved our efficiency. Automated features such as anatomy generation, occlusal adaptation, and intelligent contact management reduce manual adjustments and help achieve predictable results faster. This allows us to handle a higher case volume without compromising on quality.

Q: Which features of DentalCAD 3.3 Chemnitz do you find most valuable for your daily tasks? Do you have a favorite feature?

Rahul Kakodkar: Some of the most valuable features for daily use are the advanced anatomy libraries, flexible margin tools, occlusal adjustment functions, and implant modules. My favorite feature is the anatomy adjustment and copy functionality, which allows us to reproduce natural tooth morphology efficiently. These tools were also used in the presented case, helping achieve precise functional contacts and a natural aesthetic with minimal redesign.

Q: Why is the usage of authentic software important for your lab?

Rahul Kakodkar: This is essential for our lab. It ensures system stability, reliable performance, and access to continuous updates and new features. Authentic software also gives us confidence that we are working with validated tools, which is crucial when delivering consistent, high-quality restorations to our clinicians.



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Q: How do you see the adoption of CAD/CAM software like DentalCAD 3.3 Chemnitz evolving among dental technicians in India?

Rahul Kakodkar: In India, the adoption of CAD/CAM software is growing rapidly. Dentists increasingly expect digitally planned, precise restorations, and technicians are responding to this demand. While investment is always a factor, more labs are realizing that a robust and open system like DentalCAD 3.3 Chemnitz supports long-term growth, scalability, and competitiveness.

Q: What role do you think education and training programs play in successful adoption of DentalCAD 3.3 Chemnitz?

Rahul Kakodkar: Education and training play a crucial role. DentalCAD 3.3 Chemnitz offers powerful tools, but proper training helps technicians understand how to use them efficiently and consistently. Structured courses, hands-on workshops, and academic collaborations help bridge the gap between software capabilities and clinical application, leading to better outcomes and higher confidence in digital workflows.

DIGITAL DESIGN WITH DENTALCAD 3.3 CHEMNITZ

In the presented case, DentalCAD 3.3 Chemnitz was used to design an implant-supported Split Denture with a milled titanium substructure and a zirconia superstructure. The Implant- and Bar module played a central role in planning and designing the framework with precise control over bar geometry, attachment positioning, and spatial clearance.

The open workflow of DentalCAD 3.3 Chemnitz allowed us to accurately manage implant alignment, passive fit, and connector design, ensuring optimal load distribution and long-term stability. The titanium substructure was designed specifically for milling, while the zirconia superstructure was planned to sit precisely on the framework, maintaining consistent thickness and esthetic support.

Features such as intelligent bar design tools, collision control, and real-time visual feedback helped streamline the workflow and reduce the need for manual corrections. The accompanying screenshots demonstrate how DentalCAD 3.3 Chemnitz supports complex implant cases by combining design efficiency with full control over functional and prosthetic details.

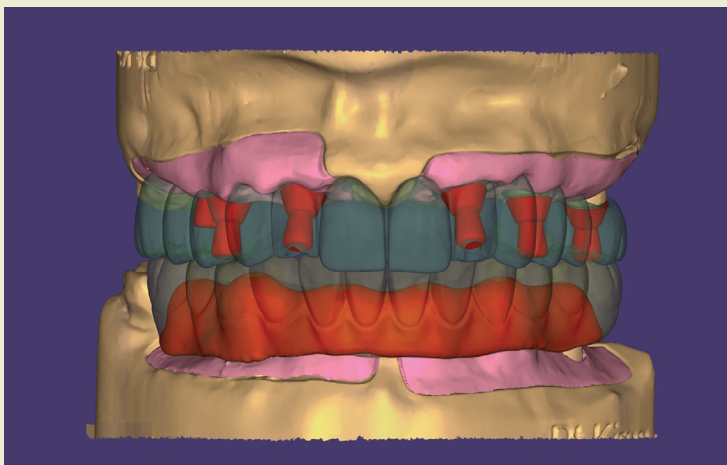


Fig 1

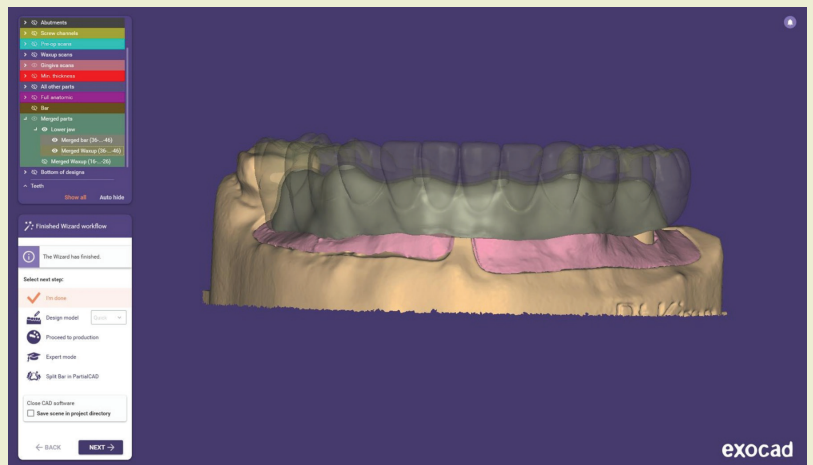


Fig 2

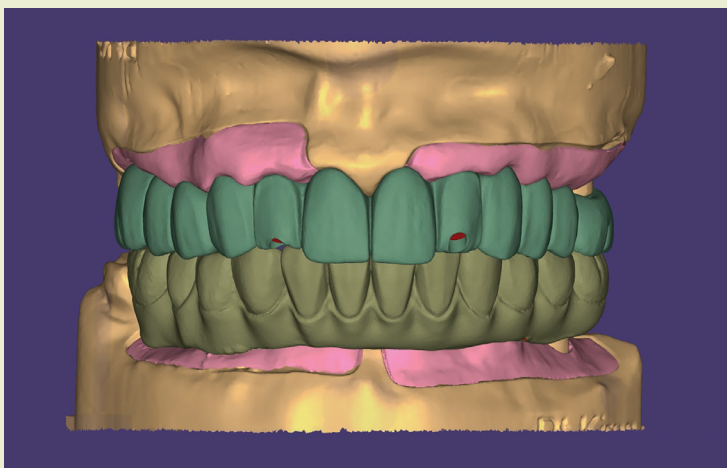


Fig 3



Fig 4

Fig 1-4: Designing of super structure, with upper full contour zirconia on Rosen screws

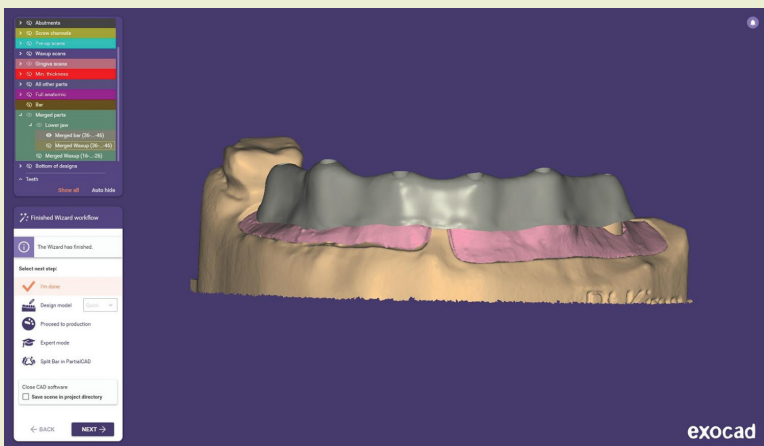


Fig 5

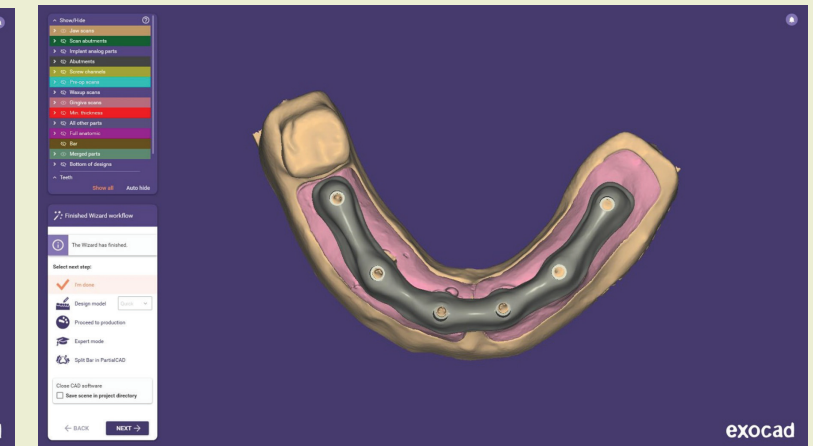


Fig 6

Fig 5-6: Designing of bar



Fig 7



Fig 8



Fig 9



Fig 10

Fig 7-10: Pictures of milled titanium framework.



Fig 11

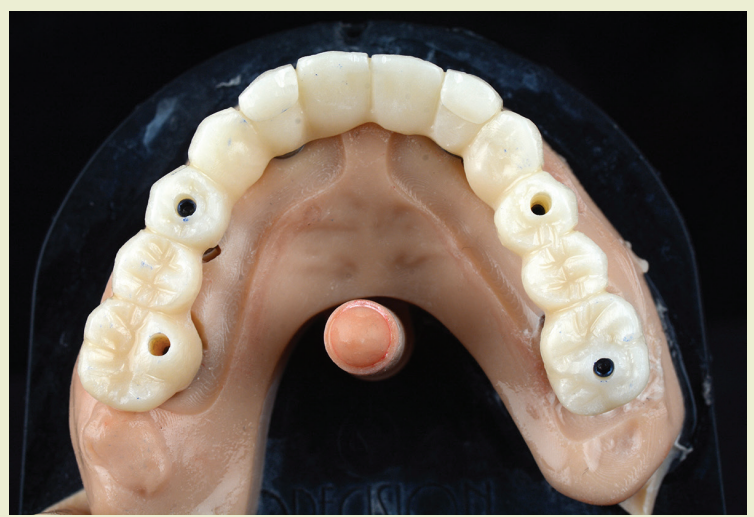


Fig 12



Fig 13



Fig 14



Fig 15

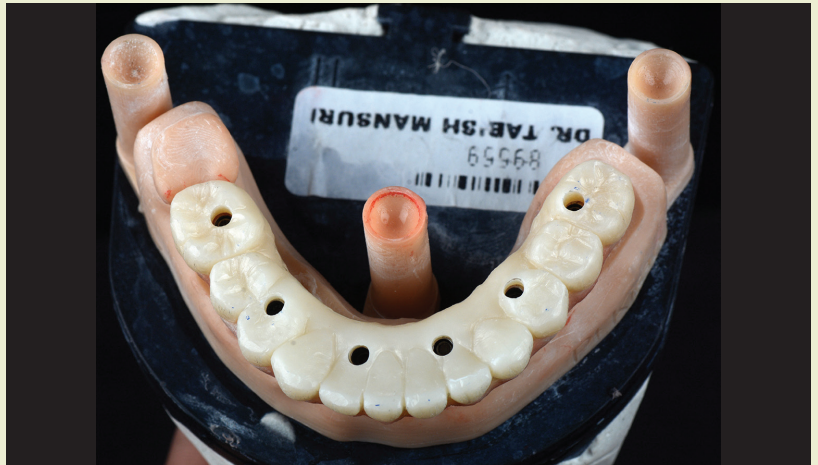


Fig 16



Fig 17



Fig 18

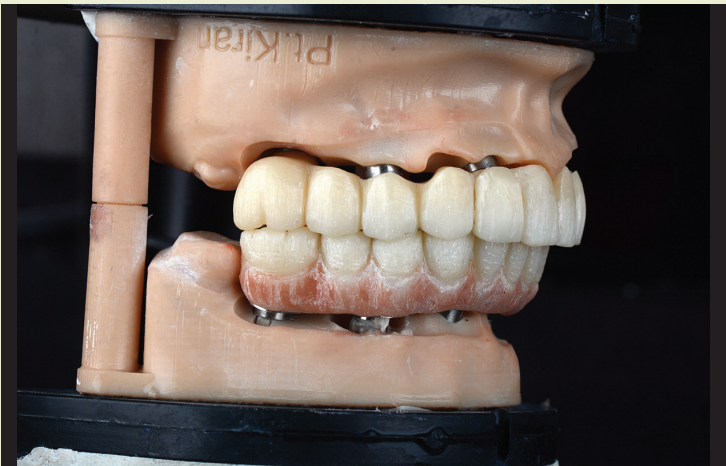


Fig 19



Fig 20

Fig 15-20: Bisq trial pictures of milled zirconia in e.max Zircad Prime (Ivoclar)



Fig 21



Fig 22



Fig 23



Fig 24



Fig 25

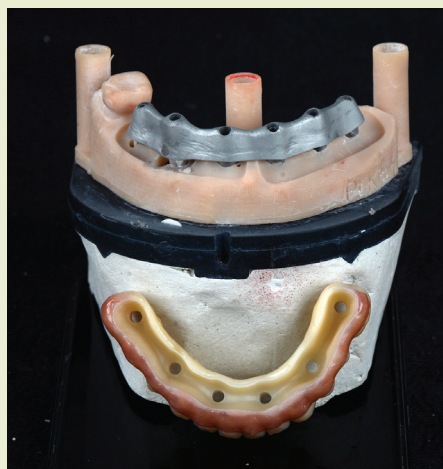


Fig 26

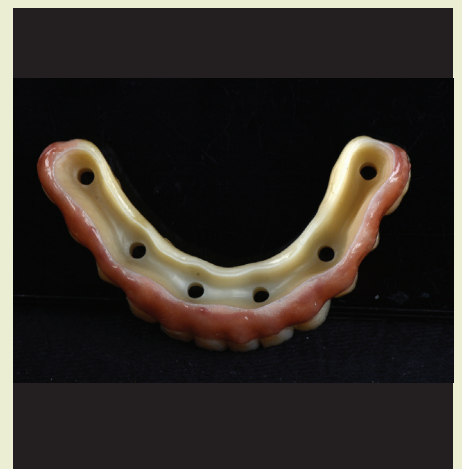


Fig 27



Fig 28



Fig 29



Fig 30



Fig 31



Fig 32

Fig 21-32: Final glazing pictures