A winning combination: CAD/CAM and CBCT in one

The field of digital dentistry is rapidly evolving, with new dental technologies emerging as part of a more efficient and comprehensive workflow. By pairing Planmeca CAD/CAM solutions with radiographic units in the Planmeca ProMax 3D family, dental professionals can bring together a wide range of detailed information for treatment planning and diagnostic purposes. This seamless combination of CAD/CAM and CBCT technology presents new possibilities in creating a new standard of care for patients, offering high-quality features for different specialities, all available through one software interface.

Planmeca Romexis is the only dental software platform in the world to combine all imaging and the complete CAD/CAM workflow. This powerful solution is at the heart of the Planmeca ecosystem, as it provides dental professionals with the ability to acquire datasets that are more detailed than ever before. Planmeca Romexis includes advanced tools for all specialities, such as implant planning and other restorative treatments. The software presents dental clinics with a superior way to increase their patient flow and improve the level of care offered.

Seeing more than ever before

Bringing together CBCT data and CAD/CAM work provides a comprehensive level of clarity. Planmeca ProMax 3D imaging units reveal intricate information on soft- and hard-tissue structures, including the mandibular nerve canal, while the Planmeca PlanScan intra-oral scanner captures precise data above the gingival margin. This combination of data ensures a complete understanding of any case and makes 3-D prosthetic design quick, accurate and easy. Clinics are able to operate more flexibly, as restorations can either be milled in-house with the Planmeca PlanMill 40 milling unit or easily sent to a dental laboratory in an open STL data format.

The rise of same-day dentistry

A more active role in the manufacture of restorations opens up avenues for dental clinics to significantly increase their patient volume and grow their business. A streamlined digital workflow ensures the full utilization of resources, leading to a more efficient treatment environment. Same-day dentistry is as beneficial for patients as it is for clinics: instead of two visits, patients can be treated in 1 hour—with no temporary crowns or physical dental models required.

Open architecture for maximized efficiency

Standardized data is the driving force behind many of the latest developments in digital dentistry, as it guarantees the interoperability of images and dental data across different hardware platforms—reducing costs, increasing predictability and enhancing patient safety. Bringing Planmeca’s CBCT and CAD/CAM systems together through Planmeca Romexis makes effective chairside dentistry a reality and presents dentists with a streamlined opportunity to grow their practice substantially.

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