

M O D E
DIGITALL[®]
E C O S Y S T E M

exocad

ChairsideCAD 3.1 Rijeka

CAD software platform for
restorative design and esthetic planning



ChairsideCAD

exoplan 3.1 Rijeka

Implant Planning &
Guided Surgery Software



exoplan

Plan → Produce → Place

Seamless End-to-End Digital Workflow
with exoplan & ChairsideCAD

OFFICIAL
RESELLER

exocad

MODE MEDiKAL[®]





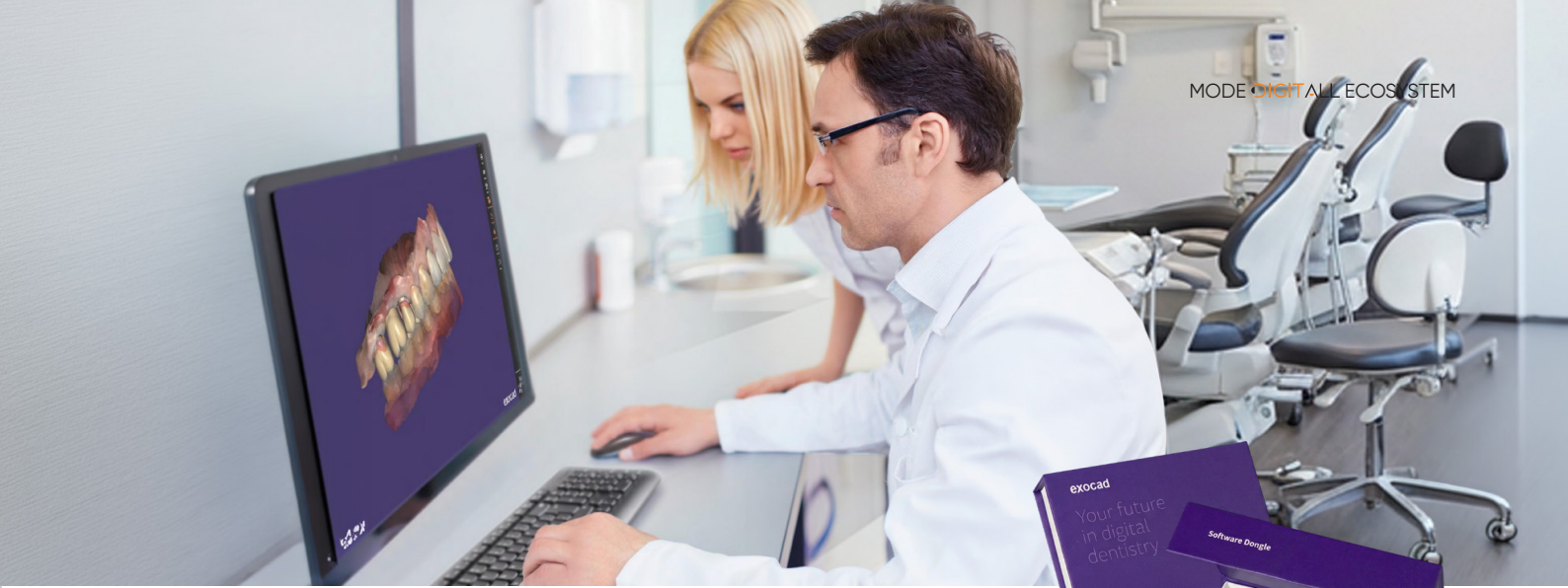
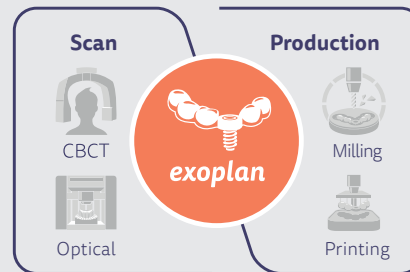
exoplan

An integrated digital solution with an open architecture, developed for prosthetically driven implant planning and surgical guide design.

- **Prosthetically driven implant planning:** Enables accurate and predictable surgical planning aligned with restorative goals.
- **Integrated surgical guide design:** Manages the entire workflow from planning to guide production within a single platform.
- **Full integration with DentalCAD:** Provides a seamless digital workflow between restorative design and implant planning.
- **Open system compatibility:** Ensures seamless compatibility with various 3D scanners and 3D printers.



exoplan guides clinicians through implant planning and surgical guide design by providing an intuitive digital workflow.



ChairsideCAD

A fast, intuitive, and open CAD platform optimized for the clinical environment.

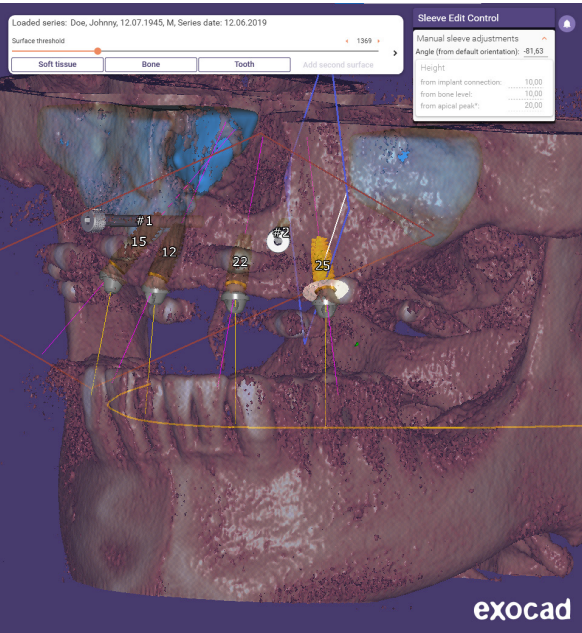
- **Single-visit restoration design:** Enables same-day treatment through a fast and precise digital workflow.
- **Intuitive and optimized interface:** Ensures an easy, fast, and reliable design process with minimal steps.
- **Dentalshare integration:** Allows seamless digital data exchange between clinic and laboratory.
- **Open system compatibility:** Provides flexible workflows with various scanners, manufacturing systems, and materials.



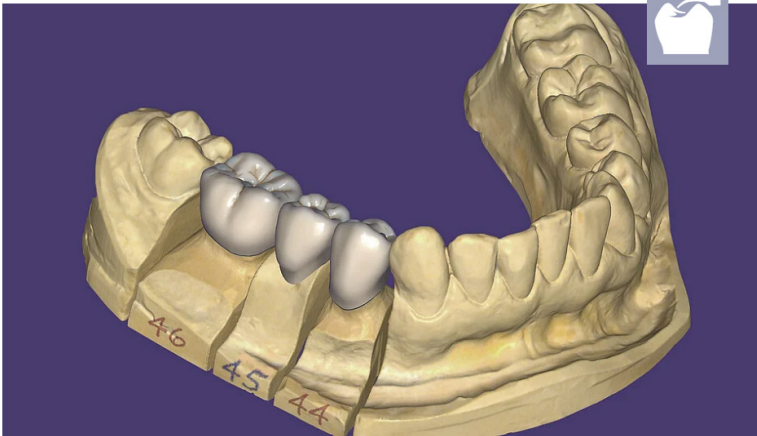
ChairsideCAD offers dentists an integrated and highly efficient digital workflow that enables chairside restoration design to be completed in a single visit.



exoplan Implant Planning



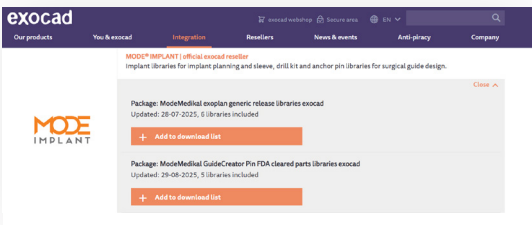
CAD design for labs



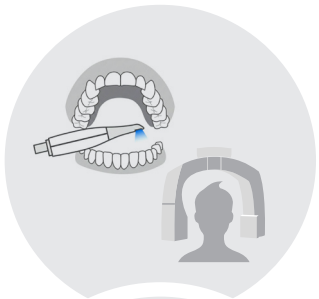
Precise and Predictable Implant Planning

By precisely combining CBCT and intraoral scan data, exoplan enables predictable implant planning based on anatomical structures and prosthetic objectives.

- **CBCT and surface scan alignment:** Combine CBCT and surface scan data to accurately plan implant positions based on anatomical structures, bone volume, and prosthetic requirements.
- **Wizard-based planning workflow:** A guided step-by-step workflow helps manage implant diameter, length, and angulation while supporting safe distance assessment.
- **Comprehensive implant library:** Flexible planning options for a wide range of implant systems and clinical scenarios.
- **Predictability before surgery:** Verify implant placement digitally before surgery to reduce risks and achieve more predictable clinical outcomes.



Four Digital Steps in Implant Treatment



Data Collection

CBCT and optical scan data are transferred to the digital environment to accurately represent the patient's anatomical structure and clinical condition. exoplan combines different data sources on a single platform to establish a reliable foundation for implant planning.



Data Processing and Design

The collected digital data are aligned and analyzed in exoplan. Implant position, angulation, and depth are precisely planned based on anatomical structures, bone volume, and prosthetic references. This stage forms the basis of predictable and safe surgery.



Production

The implant plan completed in exoplan is converted into a digital surgical guide design ready for manufacturing. Planning data are transferred directly to milling or 3D printing workflows, enabling the production of highly accurate surgical guides.



Clinical Application

The digitally planned and manufactured surgical guide enables the implant to be placed in the intended position, angulation, and depth. This exoplan-supported workflow makes the surgical procedure more controlled, faster, and safer.

exoplan Guided Surgery



Exactly as planned!

- A universal guided surgery kit designed for both flap and flapless implant placement.
- M-Guide libraries are compatible with universal guide design software such as exoplan, RealGUIDE, Atomica, and similar platforms.
- Drill set with single-stop drills compatible with all diameters and depths.



Drills

- Step-by-step osteotomy with depth stopper
- Minimum deviation with 7 mm guide surface
- Irrigation channels on the guide interface
- DLC coating for long-term durability



Bone Flattening

- Prepares the crestal ridge as a flat platform
- Optimizes platform access to support easier placement of prosthetic components



Anchor Pin

- Stabilizes the surgical guide on the jawbone during the procedure
- Aggressive threads at the tip provide stronger anchorage in bone



Stent Anchor

- Provides additional anchorage for the surgical guide
- Screwed into the placed implant through the guide



Sleeve

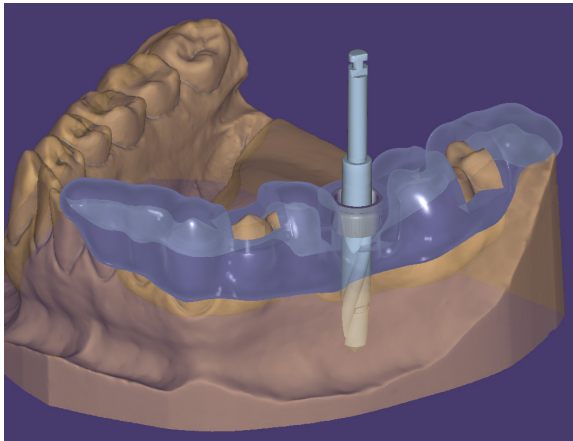
- Creates a rigid guide to maintain the drill path
- Minimizes the risk of guide wear

Sleeveless

Sleeve-based System Sleeve

The M Guide sleeve-based system is designed to meet the need for high-precision trajectory control in specific clinical scenarios. Integrated with digital implant planning performed in exoplan, metal sleeves provide a rigid guiding surface during implant placement.

Depending on the user's preference, this structure offers a reliable alternative for clinicians who prefer protocols similar to conventional surgical guides. Thanks to integration with the exoplan library, drills, sleeves, and implant components can be planned in full compatibility.



Sleeveless System Sleeveless

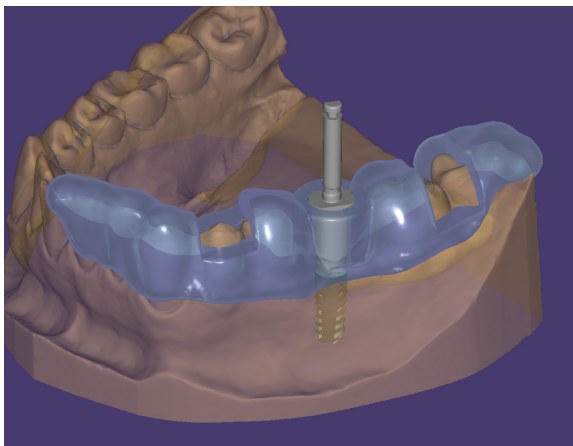
The M Guide sleeveless surgical guide system combines simplicity, speed, and surgical comfort in digital implant planning. High-precision implant planning performed in exoplan enables accurate control of implant angulation, depth, and position without the need for metal sleeves.

The sleeveless design may allow guide production even in narrow interdental areas where sleeves could create spatial limitations.

Eliminating the need for metal sleeves reduces tolerance differences, component use, and manufacturing steps, enabling a more streamlined and cost-efficient surgical workflow.

The sleeveless design integrates seamlessly with exoplan planning, providing fast clinical application, high predictability, and improved patient comfort.

A practical guided surgery solution for routine clinical cases.



ChairsideCAD

Bring digital chairside dentistry into your clinic with **ChairsideCAD**

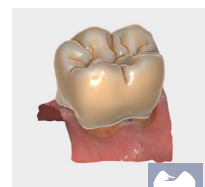
- Single-visit treatment
- Complete in-clinic workflow
- Higher patient satisfaction
- Greater clinical efficiency

Same-Day Digital Restoration Design with ChairsideCAD

ChairsideCAD is an advanced digital design solution that enables fast, precise, and controlled chairside design of restorations such as crowns, inlays, onlays, and veneers by directly utilizing intraoral scan data.

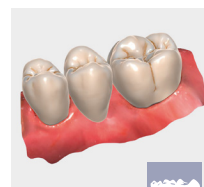
- Wide indication support: Fast and precise design of single crowns, inlays, onlays, veneers, and small bridge restorations
- Real-time digital design control: Immediate visualization and optimization of margins, contacts, and occlusion adjustments
- Production-ready output: Highly accurate design data ready for direct manufacturing with milling and 3D printing systems
- Fully digital chairside workflow: Integrates scanning, design, and production processes within a single clinical environment, significantly reducing treatment time

Restorations



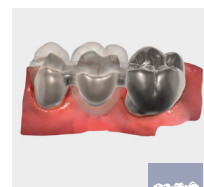
Anatomic Crowns

Create highly esthetic and functional crowns with a streamlined workflow. Access an extensive range of high-quality, natural tooth libraries.



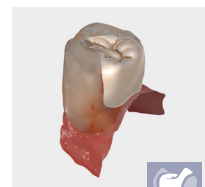
Bridges

Design a wide range of full-contour bridges, including inlay, cantilever, and Maryland bridge designs.



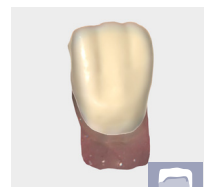
Frameworks

Clinics with in-house labs can leverage advanced framework design options for superior results.



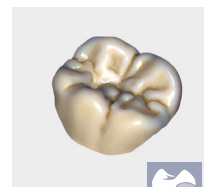
Inlays / Onlays

Create highly esthetic, natural-looking inlay and onlay restorations with streamlined efficiency.



Veneers

Create lifelike restorations in seconds. Access a vast selection of integrated, natural tooth libraries for superior esthetic outcomes.



Overlay Crowns

Design crowns with precision, even on challenging margins and concave preparation shapes.



Implant-Supported Restoration Design

Implant Module

Design screw-retained implant crowns and bridges seamlessly with the ChairsideCAD Implant Module.

- Support for designs on standard abutments.
- Simultaneous design of abutments and suprastructures within a single CAD session.
- Full support for angulated screw channels.



Immediate Load Workflow and Surgical Guides with exoplan Guide Creator

Integrated with exoplan* and surgical guide design, ChairsideCAD facilitates immediate load workflows.

This allows implant-supported restorations to be designed and manufactured prior to surgery.

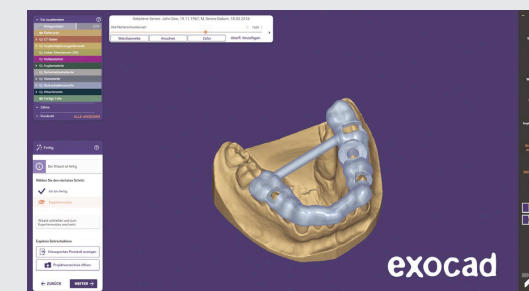
**exoplan is a separate software application and requires a separate license.*



With the Implant Module, the choice is entirely yours:

- Produce your designs in your clinic
- Or send your files to production centers

The module is compatible with numerous in-clinic milling systems, and leading production centers accept files created with exocad software.



Advanced capabilities with a wide range of add-on modules

Ultimate bundle



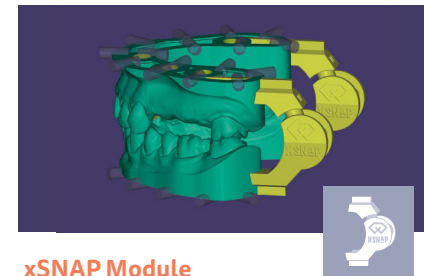
Implant Module

- Design abutments and screw-retained crowns and bridges
- Compatible with standard abutments and Ti-base components
- Supports angulated screw channels (ASC)
- Supports immediate load workflows through exoplan integration.



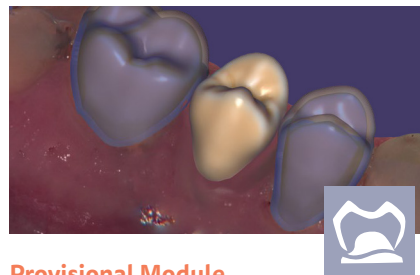
Model Creator Module

- Create physical models directly from intraoral scan data
- Support for removable die monoblock models and implant analogs.
- 3D print-ready STL output.



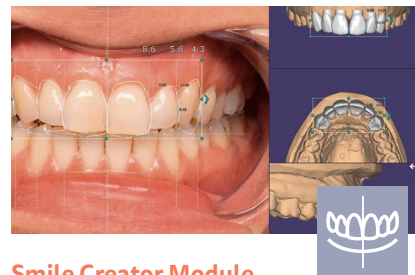
xSNAP Module

- Enables fast articulation, stable closure and reliable model accuracy
- Special snap connection for optimum accuracy



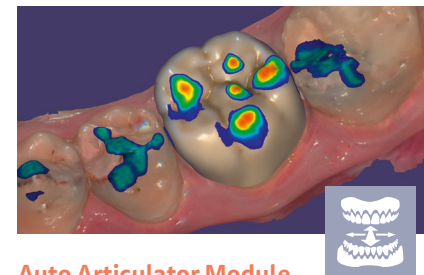
Provisional Module

- Create eggshell temporaries from pre-operative scans
- Plan provisional crowns and bridges before surgery
- Reduces chair time.



Smile Creator Module

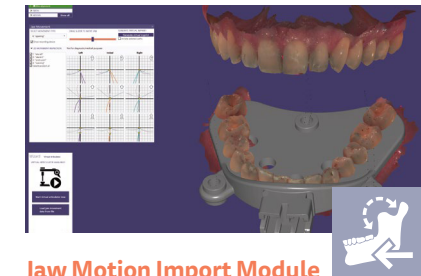
- Combine 2D photos and 3D scans for digital smile design
- Preview smiles directly on the patient's face
- Improve patient communication and treatment acceptance
- Create the basis for digital wax-ups



Auto Articulator Module

- Automatically simulates jaw movements.
- Design restorations in dynamic occlusion
- Reduce occlusion adjustment time
- Ideal for night guards and functional restorations

Full access to all modules with the Ultimate Bundle



Jaw Motion Import Module

- Import real jaw motion data from external devices (e.g. Zebris JMA).
- Fully compatible with the Auto Articulator for dynamic occlusion
- Empowers the creation of sophisticated functional restorations.



DICOM Viewer Module

- Visualize CBCT (DICOM) data during the design process
- Identify bone and soft-tissue differences around implants
- Intended as a design-support module rather than a diagnostic tool.



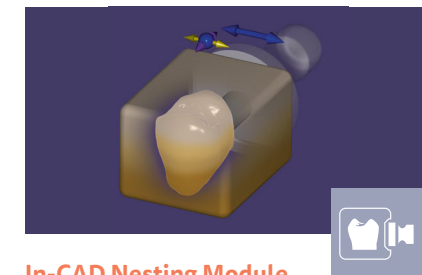
Bite Splint Module

- Design night guards / splints
- Adjust occlusal contacts digitally
- Single-visit production (milling or 3D printing)



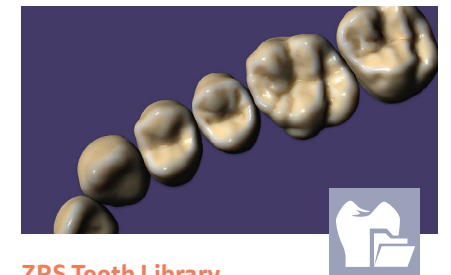
TruSmile™ Module

- Photorealistic rendering
- Clearly visualize ceramic and metal differences for patients
- Facilitates clearer patient communication to increase case acceptance rates.



In-CAD Nesting Module

- Position restorations inside the milling blank
- Pre-positioning before milling
- Color matching with TruSmile for multilayer materials



ZRS Tooth Library

- Natural tooth library based on Dr. Jan Hajtő's "Anteriores"
- Anterior and posterior tooth sets with age-based morphology adjustments
- High speed and consistency for esthetic cases



Training Modules

Please contact Mode Medikal for your preference and details of exoplan / ChairsideCAD training modules.



Group Programs



Online Training Module



VIP Training Module

For all trainings, it is mandatory for participants to have original licensed software.

Minimum Hardware Requirements for exocad

CPU: Quad-core, 2.8 GHz or higher

Note: CPU must be based on Intel or AMD x64 architecture. ARM, RISC, and x64 emulation platforms (e.g., Snapdragon, Apple M-series, etc.) are not supported.

RAM: 8 GB

Graphics: 4 GB graphics memory required. Minimum CUDA 3.0 or OpenCL 1.2 support is required.

Minimum Display Resolution: 1080p (1920 × 1080). Valid when DPI scaling is set to 100%. Higher resolutions are required when using higher DPI scaling.



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