

 **NEW VER. 7.0**
mediCAD Solution



mediCAD
Premium Solution for Orthopedics

* not for evergreen - customers



mediCAD 2D



- ✓ chatMED: Quick & easy communication
- ✓ Personalized software: Individual workflows for Hip, Knee and Osteotomy
- ✓ TKA workflow on knee with automatic repositioning
- ✓ Tibial Slope dimensioning and correction
- ✓ AO approved
- ✓ New SQL database with fulltext-search
- ✓ New SI view for implants
- ✓ Special offer from mediCAD: mediCAD 7.0 + 3D Hip*
- ✓ Implant database-updates comfortably delivered ON AIR
- ✓ Regular security updates and GDPR conform
- ✓ More than 74 optimizations - please contact sales@medicad.eu for detailed changelog

Knee

The AI improves with every case planned and supports the surgeon with quick automatic measurements and suggestions like resection height.

- **Want to plan the TKA in AP and ML simultaneously?**

Our latest Knee version comes up with plenty of new possibilities. Benefit from quick measurements such as Tibial Slope. Be well prepared for your Knee TKA surgery.

Plan on a partial image and get the resection heights displayed in the software. Our international clients will now be able to plan the TKA in AP and ML simultaneously.



Osteotomy

AO approved module



Together with the AO Trauma Division, we have developed a new tool to intuitively suggest the correct surgical procedure. Our algorithm scans the pathology and detects the greater deformity, to then recommend either HTO, DFO or Double Level osteotomies.

- **mediCAD proves its high quality for osteotomy procedures and enables the surgeon to individually adjust the mMPPTA/mL DFA, while all dimensions update dynamically. Enjoy the new automatic dimensioning of open and closed wedge heights to easily perform your osteotomy.**

Radiology

As radiology is intrinsically linked with surgical workflow, this tool offers time saving benefits. With this new module, mediCAD offers radiologists a way to quickly perform all relevant radiologic measurements. Due to workflows and measurements, you will get high-quality results in an even shorter period of time.



“ mediCAD top clinic offer

Order mediCAD 7.0 and get our bestseller software 3D Hip

Please contact sales@medicad.eu ”





Hip

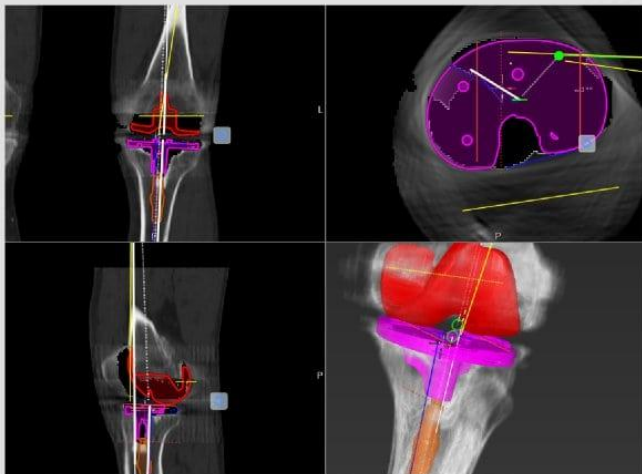
Best-selling Module

Enjoy the benefits of our 3D Hip module which promises the best visualization of the patient's anatomy. Use our implant simulation to determine the best cup position in 3D. Plan precisely the version and inclination to avoid postoperative luxation by considering both anterior pelvic plane and the functional plane.

“ Complete mediCAD with the following 3D modules knee, shoulder, spine and foot (additionally available for mediCAD 7.0)

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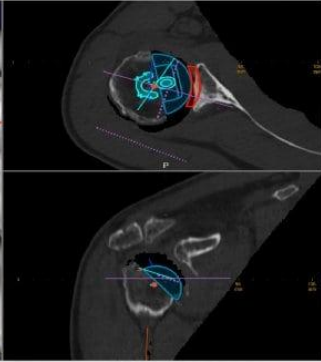
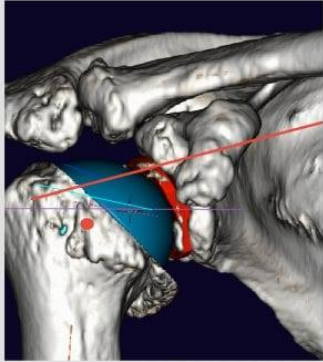
mediCAD 3D



Knee

Flexible planning for tibial slope, complex osteotomies and joint replacement

Use the automatic planning workflow of the Knee module to plan even complex osteotomies with a single cut on a 3D model. Whether you need patella instability measurements (torsion, TT -TG, patellar height, patellochlear index etc.), tibial slope measurements, TKA or unicompartmental knee replacement on 3D images, or even a hybrid-plan with whole leg x-ray and (CB)CT of the knee - mediCAD 3D Knee offers all imaginable possibilities.



Shoulder

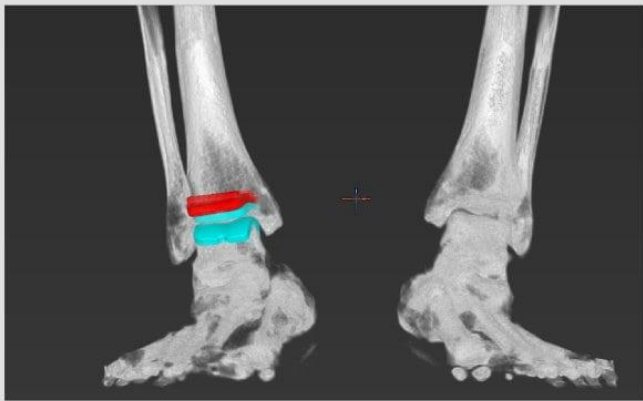
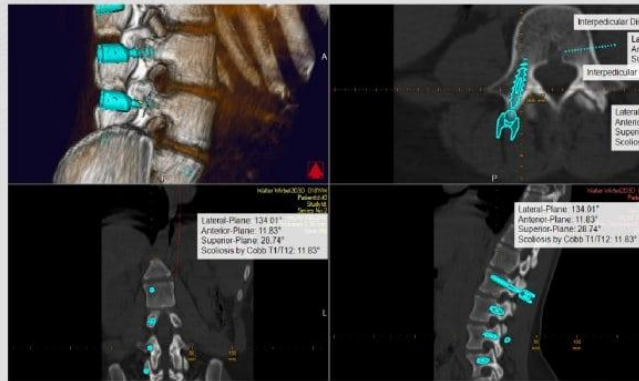
Easy plan for humeral and glenoid components

With this powerful tool you can easily plan your cases with machine learning based landmark detection and automatic implant insertion or immerse into the world of detailed planning with full control and traceability of all measurements as inclination and version of the glenoid or the glenoid implant components.

Spine

From sagittal alignment on 2D to automatic screw insertion on 3D

The software provides you with the possibility to assess the patient's sagittal alignment, simulate a correction and choose the best fitting screws and implants. Benefit from guided workflows, automatic insertions and measurements and be entirely prepared for the patient's best treatment.



Foot

Flexible planning for tibial slope, complex osteotomies and TKA

With our 3D Foot module, you can easily plan your foot surgeries. The automatic workflow assistant leads through all necessary measurements for osteotomies on the hind-foot, forefoot or around the ankle. Plan your surgery for hallux valgus, flat foot or ankle joint and finalize it with fitting ankle prostheses and osteosynthesis plates which are visualized in all layers and views.

mediCAD Web

Easy access to the planning software via the browser

>> Available modules in mediCAD Web:
Knee, Hip, Long leg and Radiology <<



Efficient

The simplified workflow reduces the required time to plan the necessary components. Speed up your planning with automatic measurements and help functions.



Flexible

Use mediCAD in your whole clinical network without separate installations. The integrated DICOM standard enables an easy connection to your PACS.



Time-saving

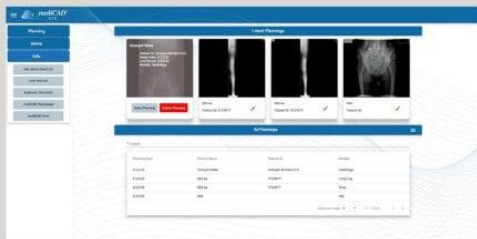
Save administration costs with our central usermanagement. Standardized password-reset via e-mail does not require any administration.



Certified

Receive high quality training by our certified medical device consultants.

✓ Get these functions in mediCAD Web version 2.5:



UI Dashboard

- Full text search to retrieve completed plans
- Easy to get started with the new defined demo section
- Advanced dashboard
- Improved usability



UI Landmarks Hip

- Automatic landmark detection for a faster planning
- Intuitive user interface with all information at a glance
- Adapted toolbar for an easier planning
- Workflow, tutorials and measurement results can be displayed/hidden individually



3D Printing

Feel it, Touch it, Try it

Be well prepared for your next operation

Print exact 3D reconstructions by using the easy export directly from mediCAD software. The different materials enable visualization of the pathology, as well as simulation and training of procedures.



Customized Implants

Quick and direct transfer

Share all information about implants

Use mediCAD for an efficient data transfer to implant manufacturers and submit important data and measurements needed for the design of PSI without unnecessary transferring steps.



Mixed Reality

Take your plan

Straight into the operation room

Place your plan right next to the patient as a hologram. Visualize it, comprehend the steps and discuss it with other experts via video live-streaming. Intuitive gesture- and voice-control enable easy handling during the surgery.



chatMED

Safe messenger for clinics

Smart communication with colleagues

With chatMED you can easily send DICOM images and planning reports to your orthopedic colleagues and discuss special cases. No more worries about data security, you will use an encoded medical messenger tool compliant to European data protection laws (GDPR).



Endobase (in German only)

Get some advices

Professional doctors are waiting for you

Endobase contains all information about processes, planning, medical terminology and endoprosthesis. Designed for medical students, this platform offers an excellent overview of orthopedic issues and practical procedures.

mediCAD Services