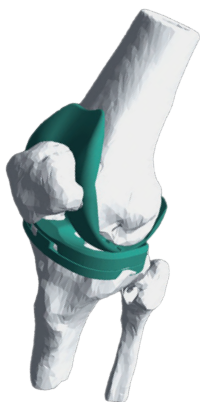
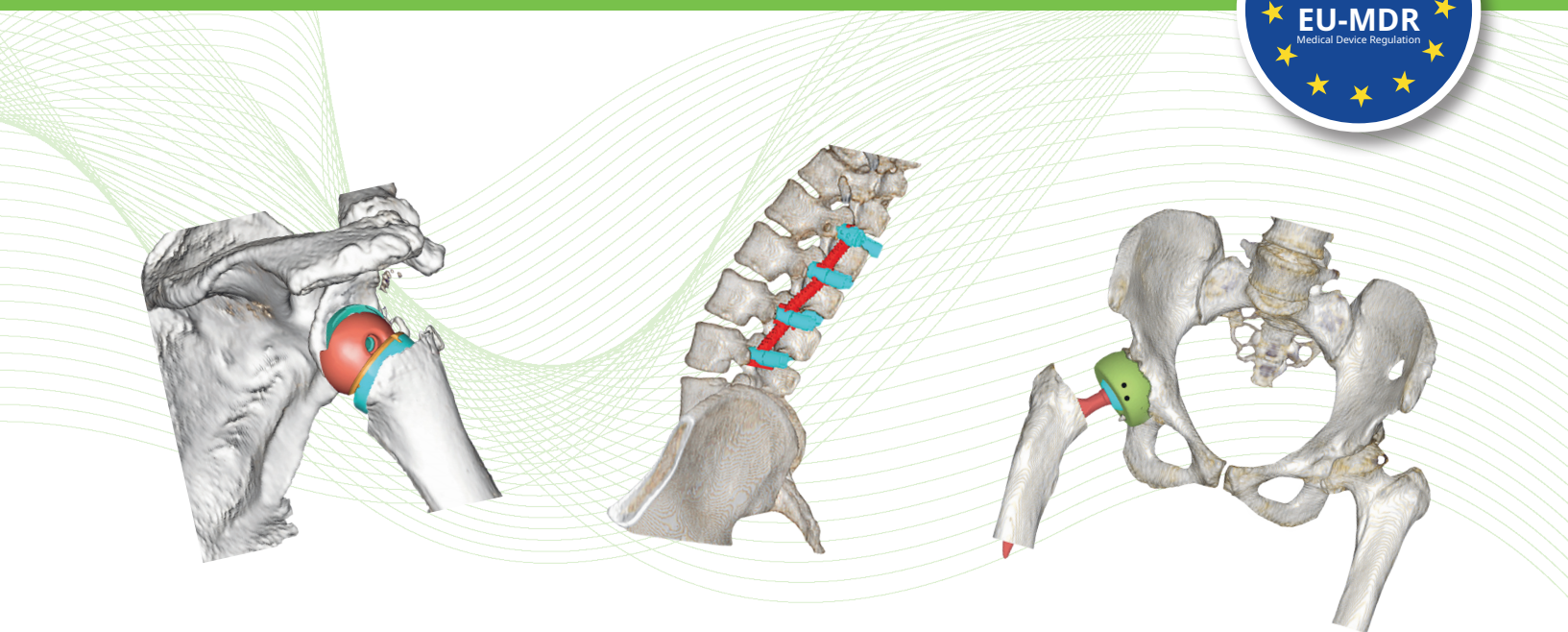


mediCAD[®]

Premium Solution for Orthopedics

VERSION 7

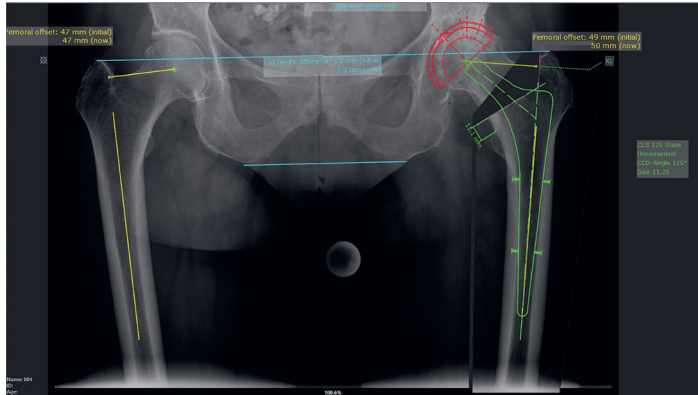


IMPORTANT FOR YOUR
MDR/FDA CONFORMITY



www.medicad.eu





mediCAD® 2D

With more than 74 optimizations since the last version, the new version 7 offers even more efficient and safer planning for your patients:

- ✓ **MDR/FDA conformity 2024**
- ✓ **Personalized software:** Individual workflows for Hip, Knee and Osteotomy
- ✓ **Regular security updates and GDPR conform**
- ✓ **New SQL database with fulltext-search**
- ✓ **Tibial Slope dimensioning and correction***
- ✓ **AO approved Osteotomy module***
- ✓ **mediCAD® special offer: mediCAD® 7 + 3D Hip****
- ✓ **The new Radiology module:** Making orthopaedic planning even more efficient***
- ✓ **Improvement in double-level osteotomies**
- ✓ **Improvement in planning shafts**

* Available in the additional module 3D Knee

** When purchasing mediCAD V 7

*** In case of purchase

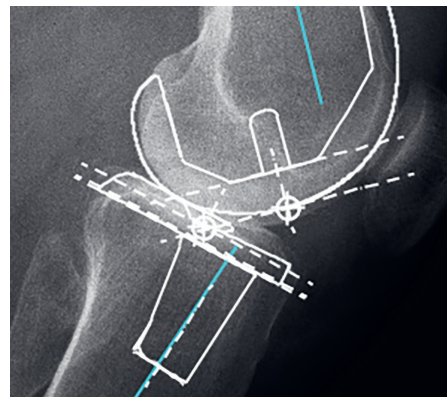


“ **mediCAD® top clinic offer**
Order mediCAD® 7 and get our
bestseller software 3D Hip for free

Please contact sales@medicad.eu

Knee

The AI improves with every case planned and supports the surgeon with quick automatic measurements and suggestions such as 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 an image of only the knee joint and get the resection heights displayed in the software. Our clients will now be able to plan the TKA in AP and ML simultaneously.



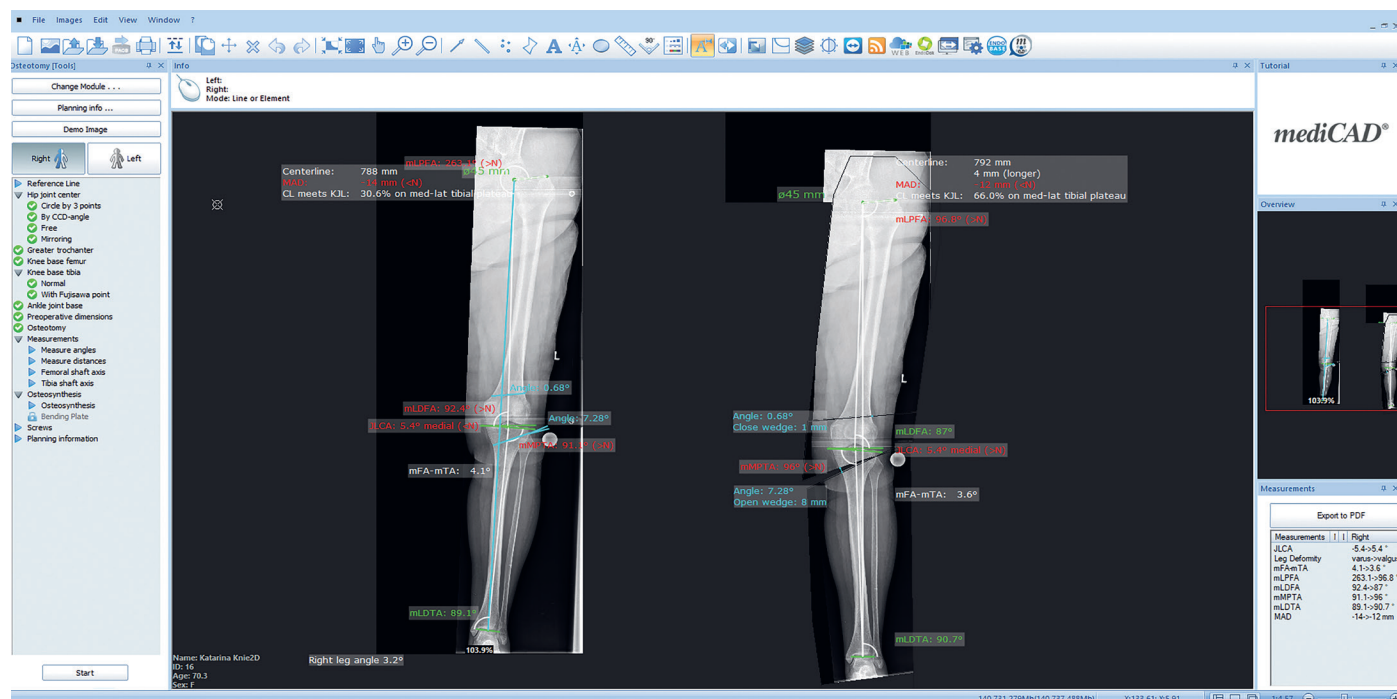
The new 7 update

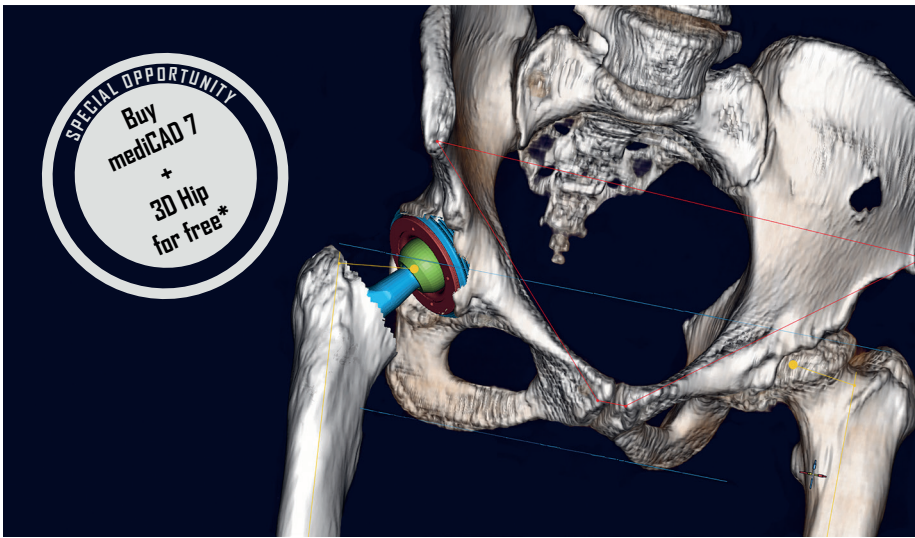
With a focus on user-friendliness, this update brings:

- Improved handling of implant templates and complex implants
- New features in the Osteotomy module for even easier procedure planning
- Streamlined workflow for selected measurements like Tibial Slope

Fulfill your MDR/FDA conformity.

The law requires you as a medical device operator to keep your medical device up to date.





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.

mediCAD®

3D

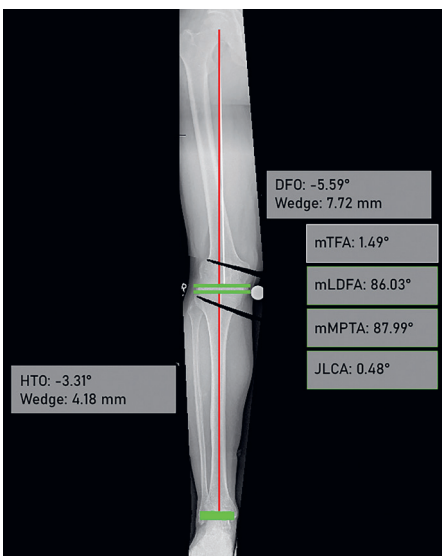
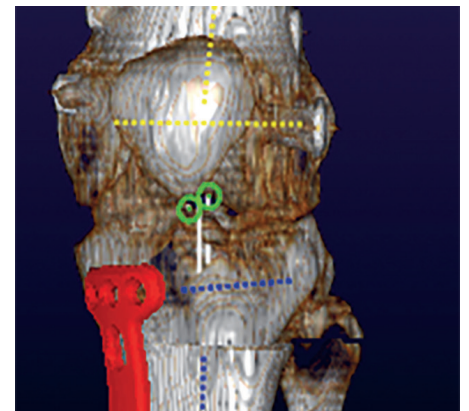


Complete mediCAD®
with the following 3D modules:
Knee, Shoulder, Spine and Foot
(additionally available for mediCAD® 7)

Knee

Flexible planning of slope corrections, HTOs, DFOs, double-level osteotomies, joint replacements, patellofemoral measurements, derotation osteotomies and torsion measurements

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 unicondylar 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.

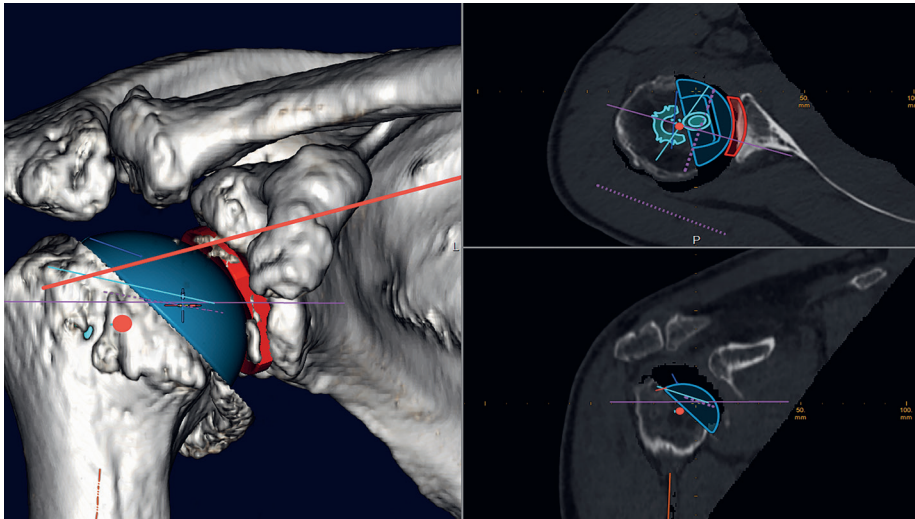


AO approved

Osteotomy

AO Approved planning for osteotomies near the knee joint, which makes osteotomies quicker and easier than ever before. Now even with correction of the JLCA and according to Fujisawa

Together with the AO Task force 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 mMPTA/mL DFA, while all dimensions update dynamically. Enjoy the new automatic dimensioning of open and closed wedge heights to easily perform your osteotomy.



Shoulder

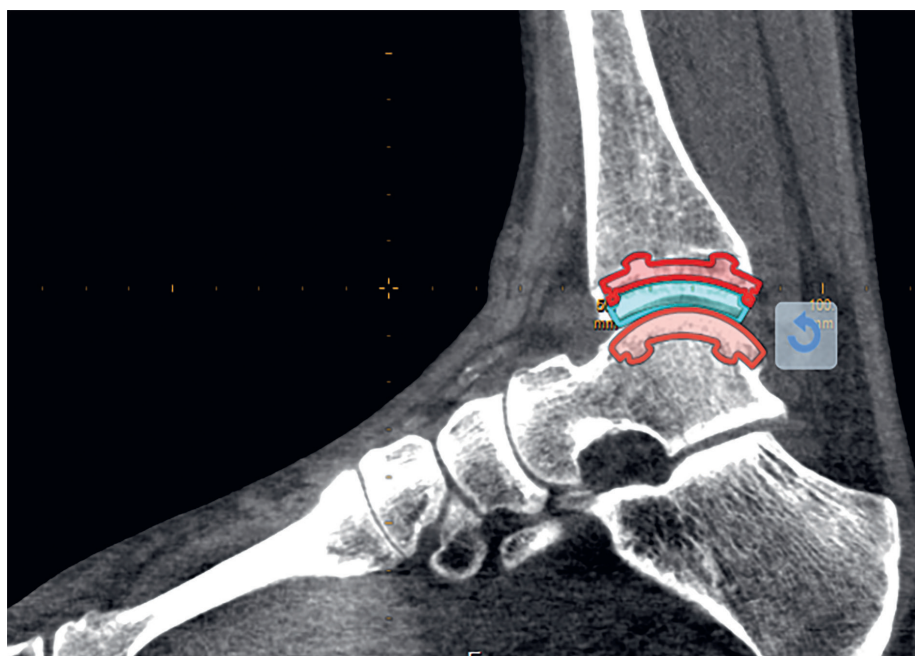
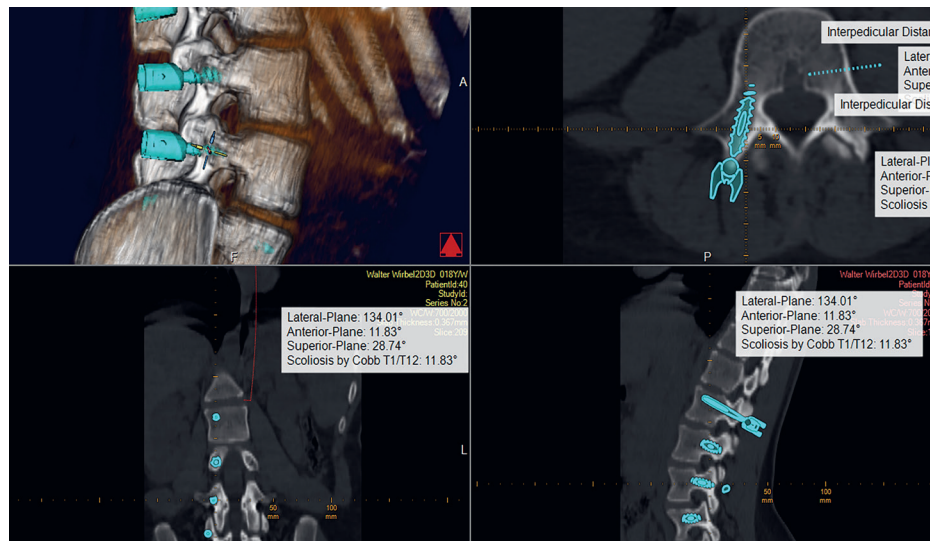
Easily plan for humeral and glenoid components

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

Spine

From sagittal alignment in 2D to automatic screw insertion in 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 to be entirely prepared for the patient's best treatment.



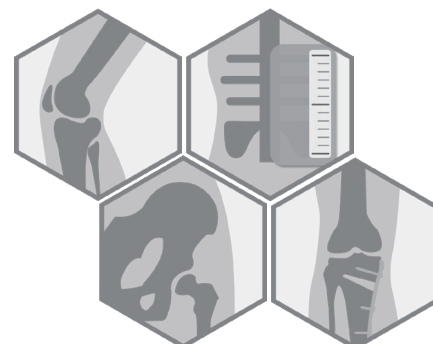
Foot

Automatic workflow assistant for osteotomies around the ankle joint

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



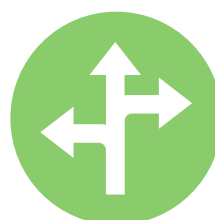
New Features

The new version offers you further practical features such as Endodok export or FAI modules. Other new features include pediatric measurements and intertrochanteric osteotomy.



Efficient

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



Flexible

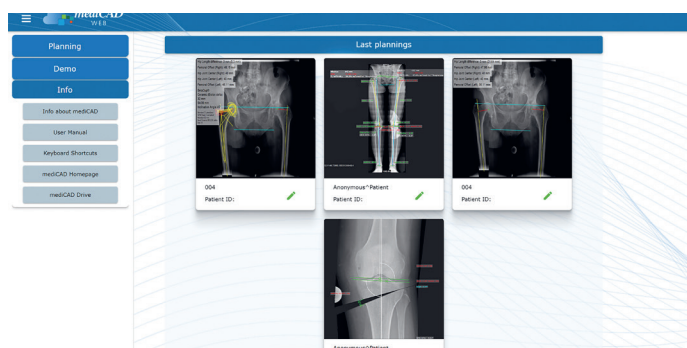
Use mediCAD® in your whole clinical network without separate installations. The integrated DICOM standard enables an easy connection to your PACS.



Time-saving

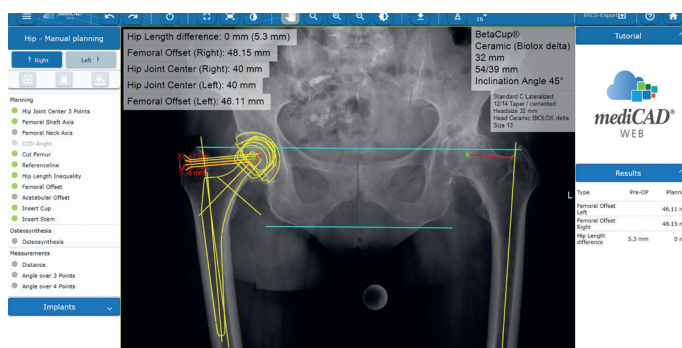
Save administration costs with our central usermanagement. Standardized password-reset via e-mail does not require any administration.

Get these functions in mediCAD® Web version 2.7:



UI Dashboard

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



Landmarks for Hip, Knee, Long Leg

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

mediCAD® Services

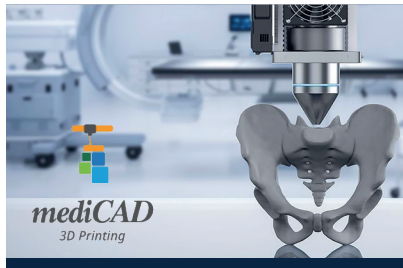


Query Client

For more independence

The future for Orbis/AOT users

With our own DICOM Interface called Query Client, mediCAD® is able to connect to any PACS with no additional cost.



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

All information about implants

Quick and direct transfer

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

Your planning as a hologram

For even more safety in the operating 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 clinical communication

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

By doctors for doctors

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[®]

Premium Solution for Orthopedics



Print-Nr. 1000/062024/R00 

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As a medical device operator, make sure
you are MDR/FDA compliant.

Update today!

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ISO 13485

