

Advanced CasePlan™

Orthopaedic Pre-Operative Planning

Expect more from orthopaedic pre-operative planning

- Overnight Seamless Deployment
- Optimize Surgical Performance
- Network-Wide Availability





A valuable tool for orthopaedic surgeons

The introduction of PACS allows for advantages over film-based pre-operative templating. Advanced CasePlan enables surgeons to plan operations on-screen, execute complex measurements in a click, and facilitate the filmless orthopaedic practice. Easily integrated into all PACS systems, Advanced CasePlan can be deployed overnight in clinics or hospitals.

A complete pre-operative digital workflow solution

Import
and
Calibrate



Apply
Templates



Save
and
Archive

Import and Calibrate

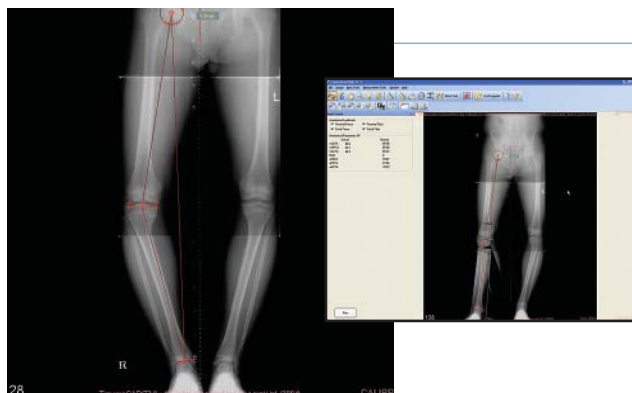
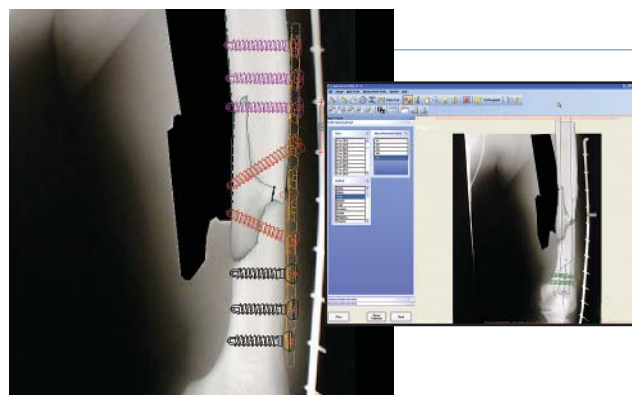
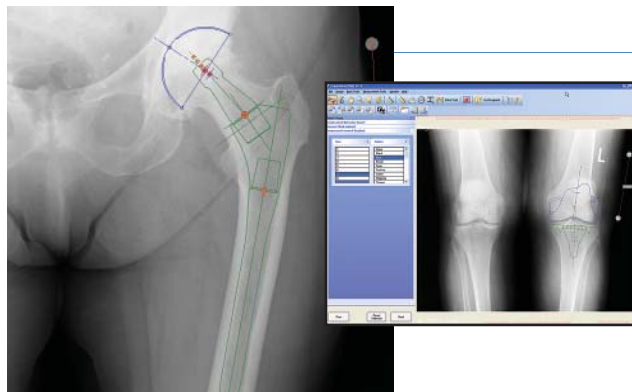
Advanced CasePlan supports import and export of DICOM files (X-ray, CT, MR) from local workstations or central PACS systems. JPG files, scanner and digital camera images can also be imported. Advanced CasePlan's automatic calibration tool provides instant calibration of images to facilitate accurate templating.

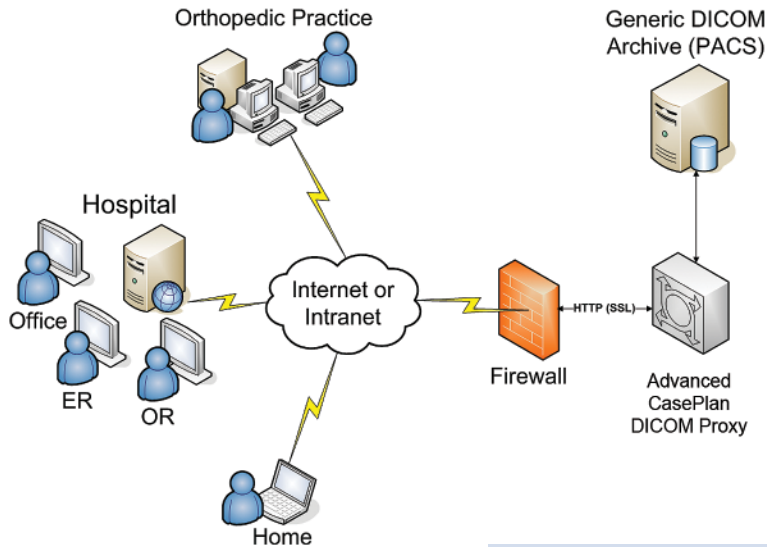
Apply Templates

By automatically providing calibrated on-screen implant images, Advanced CasePlan dramatically expedites the implant evaluation and selection process. Several scenarios can be recorded and compared to find the optimal implant. Once a template is chosen, it can be easily scaled and manipulated.

Save and Archive

Once the planning of a procedure is completed, a full report is saved and sent to the patient's PACS file, ensuring convenient access.





Benefits of Advanced CasePlan

Web Based

Easy to Use

Clinically Proven

Fully Integrated With OfficePACS®

Joint Replacement

Optimization of standard primary joint replacement, complex reconstructions and osteotomies.

Trauma Planning

Advanced CasePlan can define, rotate, relocate, and copy fracture fragments and implants.

Pediatric & Deformity Planning

Easy-to-use wizards help surgeons produce a wide range of anatomical measurements such as malalignment & deformity correction, acetabular index, growth multiplier, spinal deformity and more.

Expect more from pre-operative planning

Manufacturer	Procedure	Family Name
Stryker	Total Knee R	Series 7000 Total Knee System
Stryker	Total Knee R	TrialMin Knee System
Synthes	Trauma	4.5mm LCP Condylar Plates
Synthes	Trauma	Angled Blade Plates
Synthes	Trauma	Cancellous Bone Screws
Synthes	Trauma	Cortex Screws
Synthes	Trauma	DHS/DCS Screws
Synthes	Trauma	DHS Plates
Synthes	Trauma	Distal Femoral Nails
Synthes	Trauma	Femoral Neck Screws
Synthes	Trauma	Hip Pins
Synthes	Trauma	LC-LCP 4.5/5.0 Narrow

Automatically Updated Template Library

Allows users instant access to top quality digital implant templates from leading manufacturers—updated automatically via the Advanced CasePlan proxy server.

Automatic Calibration

Advanced CasePlan automatically detects the 1" diameter metal sphere and calibrates the image accordingly for accurate templating.



Hip Replacement Research Tools

Allows for pre & post-operative analysis of cup inclination, femoral stem ante-retroversion, offset and leg-length discrepancy data.



Sub-Specialty Specific Measurement Tools

Utilize Advanced CasePlan measurement tools for spine, pediatric, foot & ankle, knee, pelvis and more.

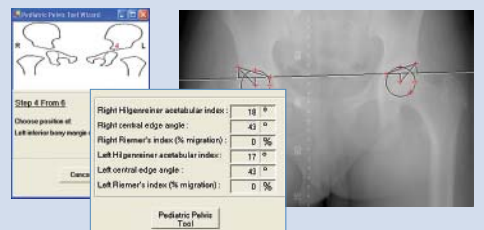
Growth Calculator

Based on Paley's Multiplier Method for reliable calculation of the predicted limb-length discrepancy at skeletal maturity, femoral, tibial, total-limb lengths and timing of epiphysiodesis.



Pediatric Pelvis Tool

Provides accurate measurements of acetabular index, central edge angle and Riemer's index.





Joint Replacements

Trauma, Extremities & Deformities

Craniomaxillofacial

Spine

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Surgical Products

Neuro & ENT

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