

# Digital Planning and Templating for Orthopaedics

Embracing digital imaging and improving efficiency



# OrthoView

# OrthoView enables...

... orthopaedics to be entirely filmless

... the orthopaedic surgeon to create and store pre-operative plans online

... the surgeon to choose where to access plans and images to suit their workflow

... improved workflow efficiency and cost savings for the hospital



OrthoView is an essential orthopaedic pre-operative planning solution for surgeons using digital images.

With a comprehensive library of digital prosthesis templates, specialist planning toolsets and patented wizards, OrthoView is easy to use, can improve efficiency and save time and money for the surgeons and the hospital.

OrthoView can be integrated with any PACS and has a range of deployment options to suit specific workflow requirements.

## Clinical Workflow Solutions

OrthoView is able to adapt to your clinical workflow so that images can be transferred to where you want to plan and template or view the finished report. ImageShare is one of the products available with OrthoView V6 and allows the secure transfer of images and plans via the internet without the need for additional hardware or software.



**ImageShare** - Sample Workflow

# Key features of OrthoView



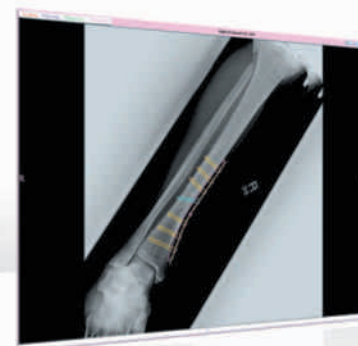
## Scaling Digital Images

- Permits the surgeon to measure image magnification
- One click automatic image scaling with QuickScale
- Either circular or spherical markers or a ruler can be used
- Estimated oversize can be used when no marker is present



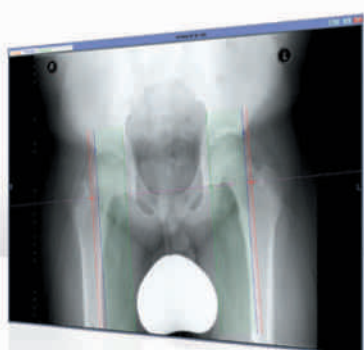
## Joint Replacement

- Planning for all joint replacement procedures
- Visualize and correct leg length difference on-screen
- Total hips, hemi-arthroplasty and hip resurfacing
- Total and unicompartmental knees
- Smart Templates assist prosthesis selection and adjustment



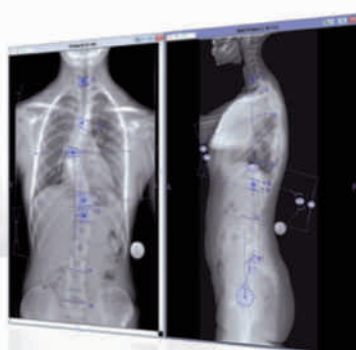
## Trauma

- Comprehensive fracture management planning
- Simple click and drag fragment reduction
- Intuitive Wizplates enable rapid plate and screw selection
- Plate bending and visualization of screw positions



## Pediatrics

- DDH Assessment
- Spine Deformity Assessment
- Limb Deformity Correction Planning



## Spine

- A suite of tools for assessing spinal deformities in both PA and LAT
- Permits measurement of Scoliosis, Kyphosis and Lordosis
- Based on the requirements of HARMS and the Spinal Deformity Study Group



## And more...

- Osteotomy tools with on-screen reduction
- OrthoStitch joins up to 5 images for planning
- SmartHip for 60 second total hip planning
- Smart Templates
- SmartHelp hints and prompts

# Why Orthoview?

- Pre-operative planning and templating for orthopaedic procedures
- A comprehensive online library of digital prosthesis templates
- Full integration with the PACS or standalone options available
- Flexible licensing and deployment options to suit the hospital and surgical team
- Image transfer solutions adapt to suit the surgeon's workflow
- Specialist toolsets and planning wizards make OrthoView quick and easy to use

## Customer quotes

*"There is no sense in trying to fight the digital evolution in the world of radiology. It is better to join in and use a reliable and complete system like OrthoView which is easy to use and integrate into one's normal workflow."*

**Dr Brett Levine**  
**Orthopaedic Surgeon**

*"OrthoView allows me to template my patients x-rays in one location and then reopen the templating at the time of surgery for review or reworking."*

**Grant Shaw**  
**Orthopaedic Surgeon**

*"The accuracy of OrthoView is amazing. When using a scaling marker we are able to predict the correct implant size consistently and have been able to reduce the inventory brought into the OR as a result."*

**Chad Moser**  
**PACS Administrator**

*"In an ongoing study using OrthoView, not a single intramedullary nail was wasted in the OR and we avoided having to postpone two procedures by being able to anticipate (and template) the less common nail sizes that were needed..."*

**Samir Mehta MD**  
**Orthopaedic Trauma Specialist**



# SmartHip

Plan a total hip in 60 seconds or less

- Predict implant size
- One-click reduction
- Visualize leg length difference



*i* SmartHip is supported by **SmartHelp** for instant hints and prompts, specific to each stage of the templating process.





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**OrthoView**<sup>TM</sup>  
Orthopaedic Digital Planning

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