Digital Planning and Templating for Orthopaedics

Embracing digital imaging and improving efficiency

OrthoView™

OrthoView Key Features

- One-click image scaling

- Intuitive planning wizards

- Specialist tools for Joint Replacement, Trauma, Pediatrics and Spine

- A comprehensive digital template library

- Compatibility with all PACS

- PACS integrated and standalone options

- Image transfer solutions with

ImageShare™

Smart Templates

Providing our customers with easy to select, high quality prosthesis templates has been a consistent objective throughout the development of the OrthoView solution. To aid selection, our unique Smart Templates are grouped in logical families, by size and characteristics. They also have intelligence built in, so that:

- Switching between alternative options is quick and easy

- Modular systems move as one on the screen

- Only viable, real-world component matches are permitted

- Size adjustments in one image are replicated in all projections

SmartHelp

A click-on-click-off integral panel providing a tracking contextual guide, index and links to reminders and tips for each step of the planning process.

"Our study demonstrated that templating accuracy is improved with OrthoView. The digital templates are readily available and the software allows greater control over the contrast and magnification of x-ray images. It is also more cost effective than templating with analogue film."
Dr. Fernando Ashanti Zenteno Arteaga
Universidad de Guanajuato, Mexico

"OrthoView provides versatile tools that enable surgeons to readily see numerous options for a specific case, especially in complex or revision situations. I have noticed an improvement in templating accuracy and time is saved by having access to a wide range of templates in one place."
Krishna Tripuraneni MD
New Mexico Orthopaedic Associates

"I find OrthoView is helpful with pre-operative planning for my hip replacements. It is accurate in determining the position & size of my implants."
Dr Thomas Mulvey
Midwest Orthopaedic
Center

"Our research showed that we achieved greater templating accuracy with the Orthoview digital system than we did previously with analogue film and acetate."
A/Prof. Andrew Bucknill
Head of Orthopaedics
The Royal Melbourne Hospital

The Essential Pre-operative Planning Solution

OrthoView is a digital pre-operative planning solution that is easy to use and compatible with all PACS. Developed with input from orthopaedic surgeons and prosthesis manufacturers, OrthoView provides surgeons worldwide with the facility to plan their procedures and communicate the plan to their team, when traditional x-ray film is no longer available.

The OrthoView solution provides access to a comprehensive library of digital prosthesis templates, including our unique Smart Templates, as well as specialist planning toolsets for each procedure and patented wizards that automate key steps in the planning process.

Using OrthoView can improve workflow efficiency, saving time and money for the surgeons and the hospital. It is available with a range of deployment and purchase options to suit all types of hospitals and orthopaedic practices.

Joint Replacement
- Total hip, resurfacing and hemiarthroplasty
- Total knee, partial knee and HTO
- Complex revision hip and knee implants supported
- Total shoulder (including reverse) and resurfacing
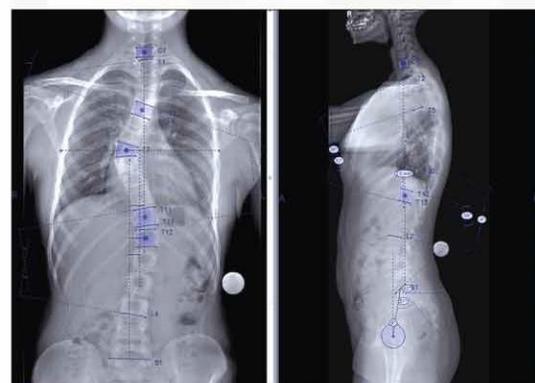- All small joints – elbow, ankle etc.

Trauma
- Identify and reduce multiple fragments
- Template nails, plates, DHS, etc.
- Smart Templates with correct screws in place automatically
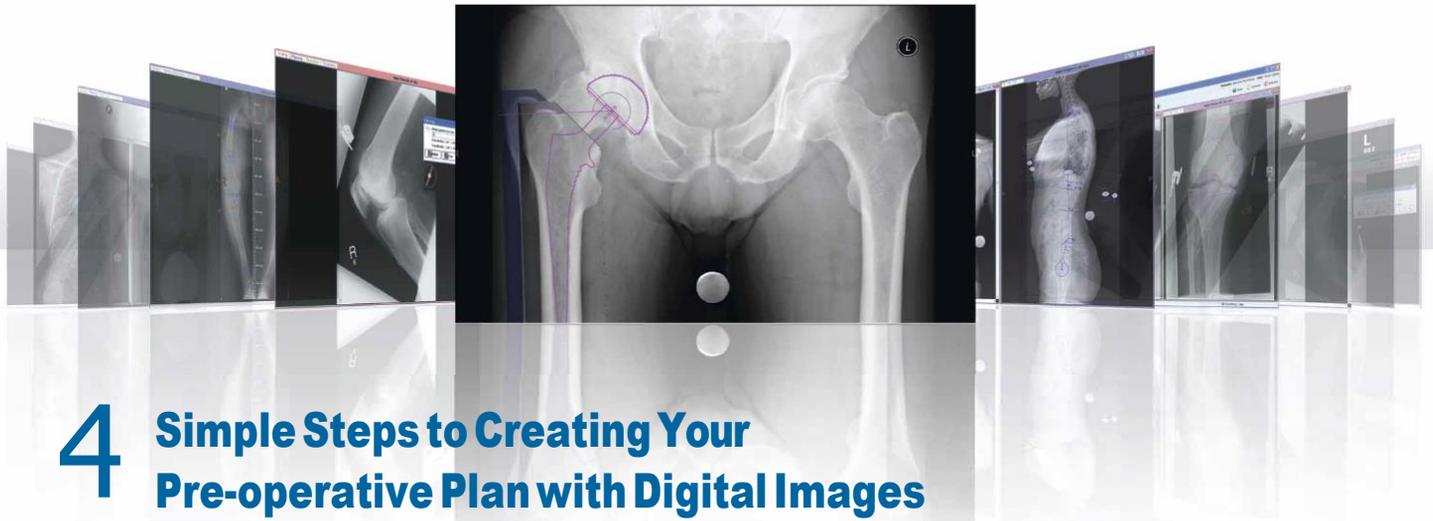- Plate bending to assess screw positioning

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

Spine
- Deformity assessment for scoliosis, kyphosis and lordosis
- Vertebra labelling and pedicle hook annotation
- Vertebral rotation measurement

4 Simple Steps to Creating Your Pre-operative Plan with Digital Images

Planning your surgery with OrthoView is a simple 4 step process, designed for ease of use and efficiency:

1. Scaling

For increased accuracy, measure the image magnification with one click on an appropriately placed calibration object.

2. Planning

Measuring tools and automated assistants, specific to your chosen procedure, are provided in the software.

3. Templating

The OrthoView online library of digital prosthesis templates is grouped in families, for quick and easy selection of the appropriate components. The unique Smart Templates allow you to easily adjust the size and characteristics of each component on screen and plan for the optimum fit.

4. Reporting

Your completed plan, including template images, can be saved to the PACS or locally and is available for reworking or referencing during surgery.

OrthoView™

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