



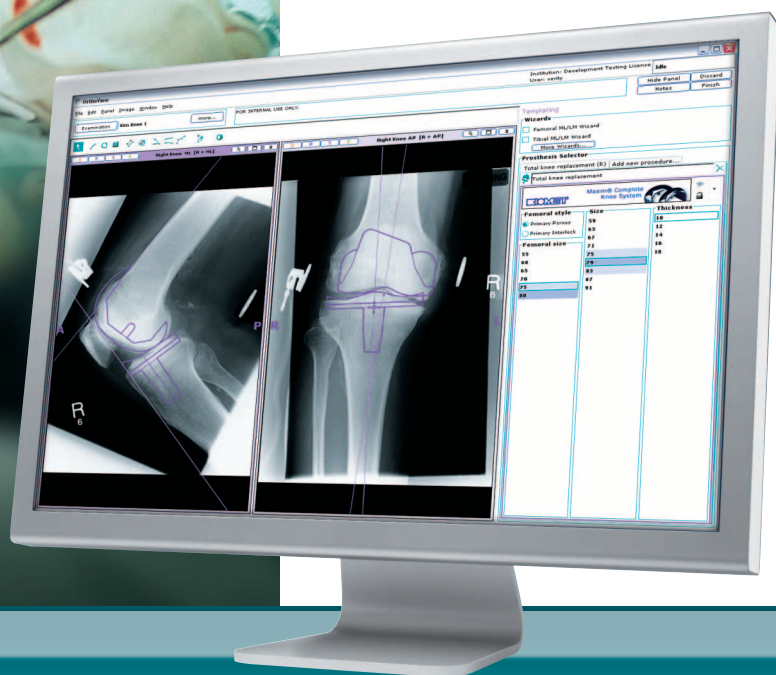
leading the way in digital orthopaedics

# OrthoView™





**OrthoView™**, the world's leading orthopaedic digital planning solution offers pre-operative planning and templating for joint replacement and trauma procedures as well as a comprehensive set of tools for general and paediatric assessment.



By following a traditional pre-operative planning methodology, OrthoView allows the surgeon to quickly and accurately template in a 'filmless' environment. It allows rapid retrieval of digital images, however they are stored, and access to an extensive library of digital templates.

OrthoView's one click scaling and patented wizards for joint replacement, automate the templating procedure, simplifying the process and improving accuracy. The fracture reduction tools and unique trauma Wizplates™ enable rapid planning for trauma cases.

**OrthoView is now being successfully used in more hospitals throughout the world than any other digital planning solution.**

OrthoView is available in a number of formats and with flexible licensing options, to best suit the needs of a particular trust, group, hospital or clinic:

### **OrthoView Enterprise**

OrthoView is seamlessly integrated into many PACS, combining the powerful imaging tools available via the PACS viewer with easy and immediate access to planning and templating

### **OrthoView Server**

Offering ultimate flexibility for larger sites, OrthoView can be deployed on a dedicated server which is connected to a PACS and allows access to patient studies via a web browser

### **OrthoView Workstation**

Specifically designed for the smaller hospital or Orthopaedic Clinic, the stand alone edition of OrthoView can be installed on any suitable PC. It can be connected to any PACS or read images from CD

# OrthoView joint replacement planning consists of a simple four step process.

All, or a combination of, the four steps may be employed depending on the procedure to be planned.

## 1. Scaling

OrthoView's one-click scaling allows for quick and accurate calibration of the image when using a radiographic marker. Alternatively, an estimated oversize percentage can be entered.

## 2. Planning

OrthoView contains a number of unique wizards. These are digital frameworks which can be positioned over key bony landmarks. Assessments made by the wizards are used to size and position the digital templates.

OrthoView's toolset enables a wide variety of anatomical measurements and assessments to be carried out including osteotomy planning. The Paediatric Assessment Module (PAM) contains specialist tools for evaluation of DDH and other congenital deformities.

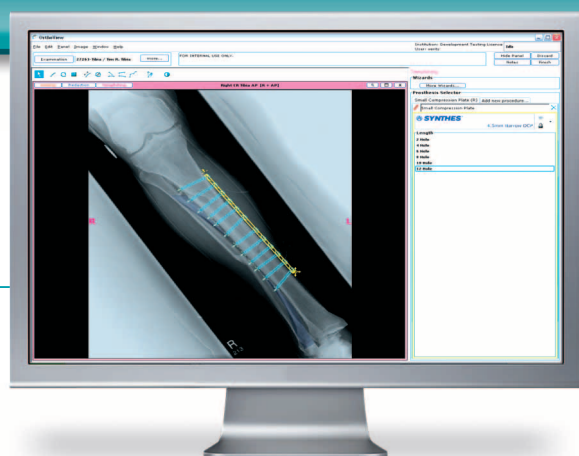
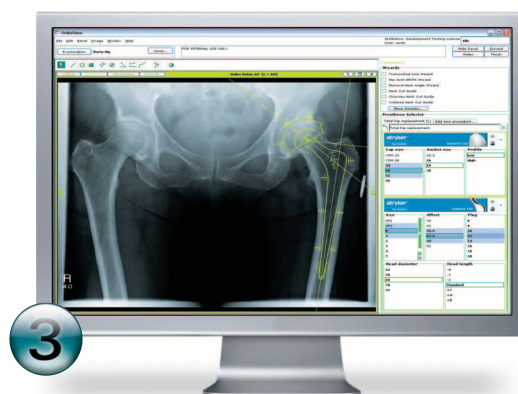
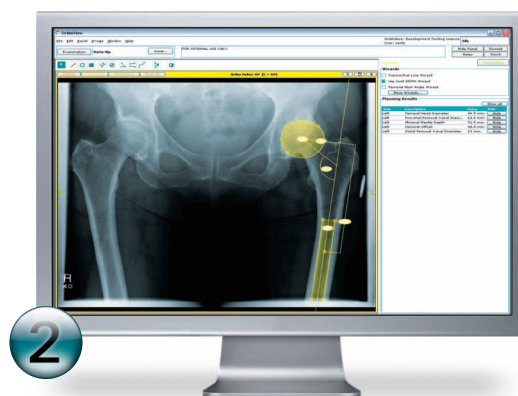
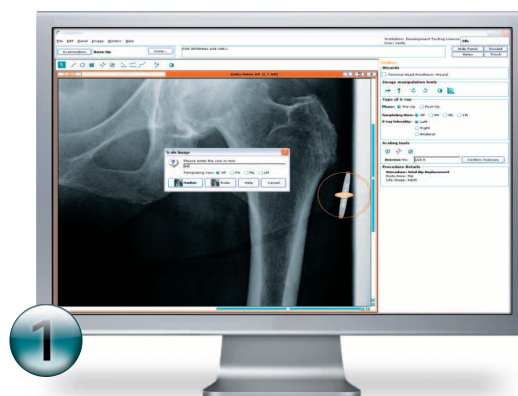
## 3. Templating

OrthoView recommends positions and sizes of templates if the planning wizards have been used. Adjustments can easily be made by clicking through the sets of template options or by moving them manually.

Alternatively, manual sizing and positioning of the digital template can be carried out, as if it were an acetate.

## 4. Reporting

A comprehensive report, including templated images is produced. This can be printed, saved back to the PACS, saved to CD or saved locally.



## Trauma Module

OrthoView's user friendly trauma module has been designed with the busy trauma surgeon in mind.

Features include:

- On-screen fracture reduction
- Intuitive trauma templates - Wizplates™ - enabling rapid sizing and placement
- Customisable notepad for documentation of the surgical plan
- Annotation of screw insertion orders
- Comprehensive report generated, detailing all elements of the procedure



## Key Features of OrthoView

- Supports joint replacement, trauma, osteotomy, paediatrics
- Quick to learn and easy to use, even for those with limited IT skills
- QuickScale™, one click scaling for improved quality of measurements and increased accuracy
- Contains a unique set of planning wizards which guide the user through the templating process
- Provides access to an unrivalled library of high quality digital templates developed in conjunction with the orthopaedic implant manufacturers. This library is managed and updated by OrthoView
- Integrated into PACS, network and web deployed, or stand alone
- Flexible licensing options - concurrent or floating licenses, workstation, named user
- Comprehensive reports can be generated. Part numbers for the planned prostheses are recorded and can be used to help with ordering and inventory
- Reports can be saved for storing and viewing at any location
- German, Dutch, Spanish and French versions available

### System Requirements:

- Windows XP or 2000
- 512Mb Ram (1Gb RAM recommended for larger images)
- 100Mb free disk space
- 1024 x 768 colour graphics display

For more information or to download a demonstration version, please visit

[www.orthoview.com](http://www.orthoview.com)

# OrthoView™

Orthopaedic Digital Templating

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*'I now template all joint replacements on-screen using OrthoView. Using the OrthoView wizards makes it quick, easy and accurate.'*

Jonathan W. Surdam, MD  
Orthopedics of Southern Indiana



OrthoView is a Class 1 Medical device according to 93/42/EEC  
FDA 510(k):K032401

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