

Genesis OmniOrtho

Orthopedic Digital Pre-Operative Planning & Templating Software

Omni-Ortho's one-click scaling and patented wizards for joint replacement automate the templating procedure, simplify the process and improve accuracy. Omni-Ortho is now being successfully used in more hospitals throughout the world than any other digital planning solution.



Scaling

Omni-Ortho'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.

Planning

Omni-Ortho 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. Omni-Ortho's toolset enables a wide variety of anatomical measurements and assessments to be carried out including osteotomy planning.



Templating

Omni-Ortho 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.



Reporting

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



GENESIS
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