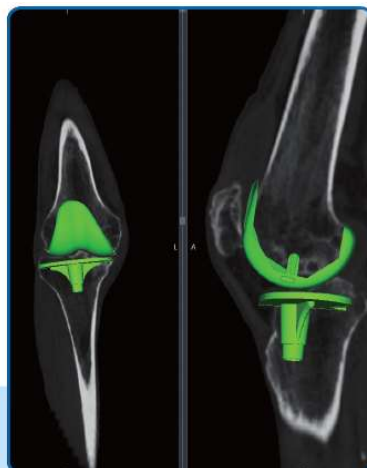
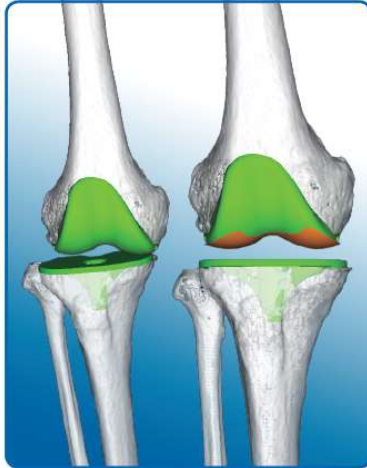




ZedKnee 3D

3D Pre-Op. Planning for TKA and UKA



ZedKnee 3D is 3-dimensional (3D) pre-operative planning software for Total Knee Arthroplasty (TKA) and Unicompartamental Knee Arthroplasty (UKA) utilizing CT images. The surgeon can plan the implant models/sizes and positions in a very short time to have a clear idea of the surgery. Watching 3D images generated by the software the surgeon can visually and numerically control the medial/lateral and anterior/posterior positions and varus/valgus, flexion/extension and rotation angles of the implants, and simulate their placement at preferable positions.

Features and Functions

- A wide variety of implant selection
- Easy and simple computer operations
- Easy-to-read MPR (Multi-Planar Reconstruction) images based on CT
- Automatic creation and segmentation of 3D bone models
- Metal artifact reduction function for planning revision cases
- 3D simulation of implant selection and positioning
- Useful 3D parameters including:
 - Femoral implant: Angles of varus/valgus, flexion/extension, rotation, etc.
 - Tibial implant: Angles of varus/valgus, anterior/posterior tilt, rotation, etc.
 - Reposition simulation: Amount of Femoral-Tibial Angle (FTA) change, etc.
- Simulation and surface view of distal femoral and proximal tibial resection
- Femoral and tibial implant reposition simulation

