

AUTOMATIC HIP REPLACEMENT PLANNING

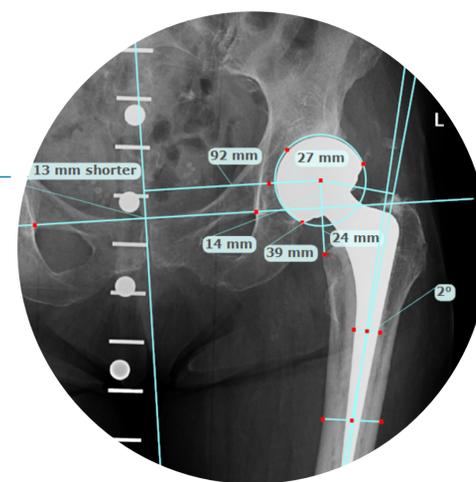
TraumaCad automatically aligns implants to their anatomic landmarks, performs a virtual resection and assembles components at their attachment points to calculate the resulting leg length and offset.

LEG LENGTH AND OFFSET OPTIMIZATION

The physician can vary the component size and position, and see the impact on leg length and offset on the reduced hip.

POST OPERATIVE EVALUATION

TraumaCad determines acetabular cup anteversion and inclination as well as femoral neck shaft version and inclination on the post-op AP x-ray.



DOUBLE MARKER CALIBRATION DEVICE FOR AP PELVIC IMAGES



In clinical testing, KingMark has been proven to be four times more accurate than conventional single-ball marker. TraumaCad automatically detects the anterior and posterior markers, and determines magnification at the hip joint more accurately across varying patient sizes.

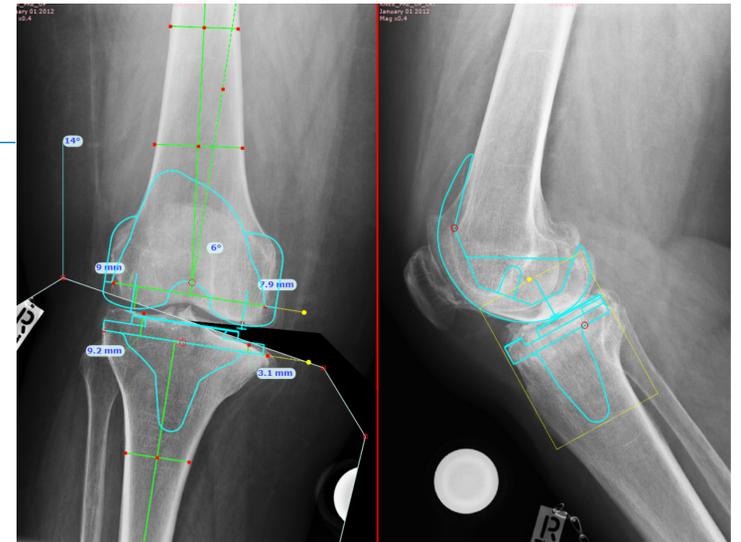
Click for
**HIP
DEMO**



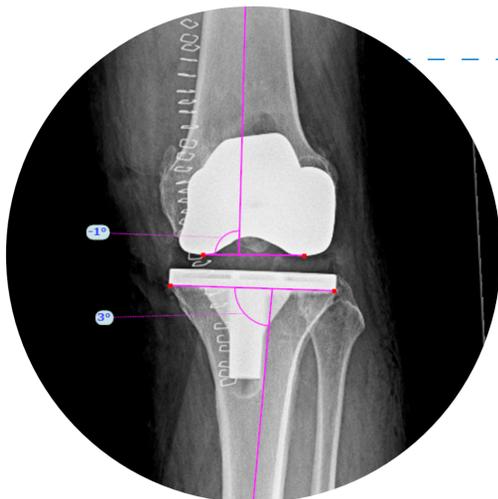
AUTOMATIC KNEE REPLACEMENT PLANNING

Auto Knee provides you with a quick method to perform TKR planning.

This feature automatically detects the anatomical regions in the image, positions resection lines to the AP view and determines the template position and sizing for both AP and LAT images. Finally, it allows you to automatically create fragments to visualize the expected knee alignment on the AP view.



KNEE POST-OPERATIVE OUTCOME



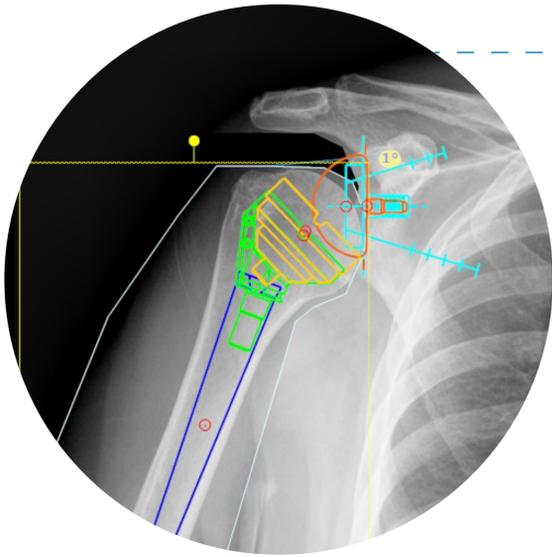
The post-operative Knee Outcome wizard is used to evaluate post-op alignment of femoral and tibial implants. In the AP view, varus/valgus alignment is determined.

In the lateral view, flexion/extension and posterior slope are shown. The outcome results are displayed in a table and saved to the report.





UPPER EXTREMITIES PLANNING



A complete database of shoulder, elbow, wrist, and finger prosthesis are available to plan various upper limb procedures, including standard and reverse shoulder replacement.

Pre-define surgical kits with your favorite implants, and place them on the image with a single click.

Save back to the PACS or Qentry cloud service. This short and intuitive workflow can save you valuable planning time and improve intraoperative workflows.

CONTACT US

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