CT-MRI for Extracting Internal Landmarks

- Automatically
  - locate landmarks;
  - define coordinate systems and joint centers;
  - identify ligament insertion points.

- Track bone interaction during dynamic movements in-vitro or in-vivo.

- Augment standard kinematic data with subject specific bone files and geometry.

By making the pre-operative CT scan of the bone transparent it was possible to view the component attachment and monitor component and leg alignment and range of motion post procedure.

Real time data acquisition, analysis, and 3D visualization. Turnkey hardware solutions. Upgradeable as your needs change. Research Design & System Engineering consultation.