Clinical microCT

XtremeCT and XtremeCT II provide a unique, fully-integrated evaluation for assessing bone density and micro-structure of distal radius and tibia in vivo of subjects to monitor changes due to conditions such as osteoporosis. Examples of some interesting projects using our devices can be found in our collection of Application Notes.

Clinical Measurements (XtremeCT & XtremeCT II)

XtremeCT II Forearm
XtremeCT II Tibia cortical pores
XtremeCT II Cortical pores
XtremeCT II leg

Arm cross section
Leg cross section
Leg: muscle - fat separation
Radius and Ulna, segmented

Tibia segmentation
Tibia segmentation exploded view
Thickness map of bone