

# Orthopedic Calibration Phantom for CT

CT scanners are used to generate cross-sectional images of peripheral skeletons. Dimensional data are used to size 3D bone models and custom implants.

Errors in CT measurement of bone dimensions have been documented. A sizing reference phantom, placed adjacent to patient anatomy during scanning permits correction of sizing extracted from images.



Model 006

## Approximate CTU at 120 keV :

Bone	1200
Marrow	65
Muscle	50
Fat	85

## Features

- Tissue equivalent
- Fat
- Muscle
- Cortical Bone (800 mg/cc)
- Cortical dimensions controlled to 2 decimals
- Marrow (80% red)

Designed by Douglas Robertson MD, Ph.D.  
US Patent # 4,873,707.

*Tissue Simulation &  
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# Model 006 Specifications:

