

# Interventional 3D Abdominal Phantom

*Multi-modality (CT, MRI, US)*

The Model 057 is an anthropomorphic abdominal phantom made from proprietary materials which accurately mimic human tissues under MRI, ultrasound and CT.

The phantom contains simulated lungs, liver, hepatic vessels, ribs, vertebra, kidneys, abdominal aorta, inferior vena cava, muscle, fat and interstitial tissues. Embedded within the liver are simulated lesions available in a range of sizes and relative contrasts.

Each phantom is protected by a fat equivalent urethane membrane and ABS end caps making it durable enough for extended scanning sessions yet enabling insertion of various surgical instruments as needed.



**Model 057**

## Features

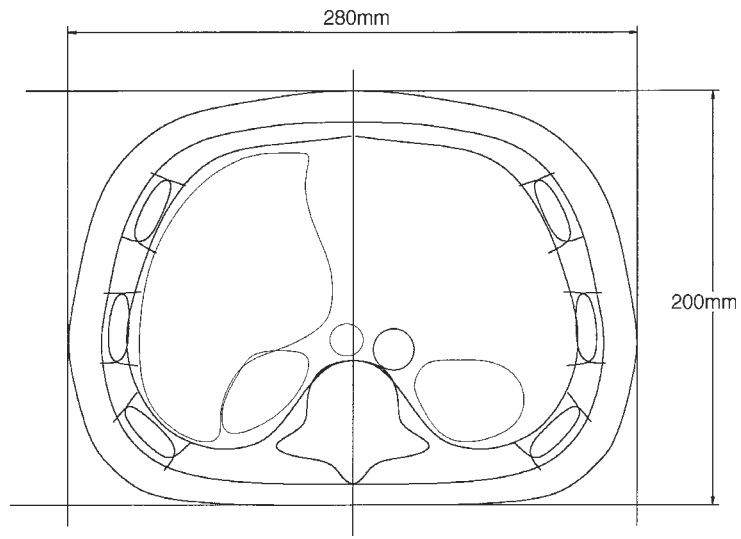
- Improve performance of freehand abdominal biopsies
- Test new equipment
- Validate automated biopsy systems
- Demonstrate CT, ultrasound and MRI scan techniques
- Optimize imaging protocols

# Model 057 Specifications

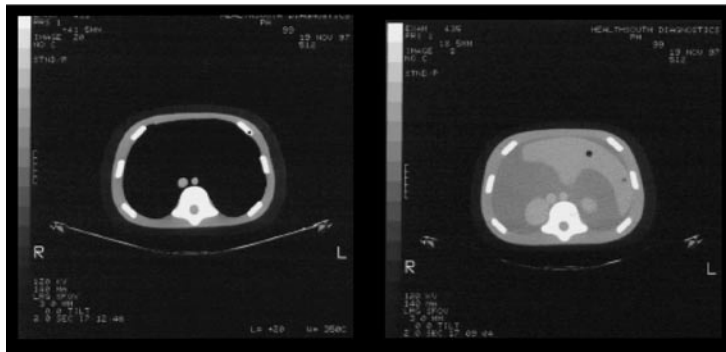
Length: 125 mm  
 Width: 280 mm  
 Height: 200 mm  
 Weight: 5500grams

Materials: Zerdine®  
 Urethane  
 Epoxy  
 ABS

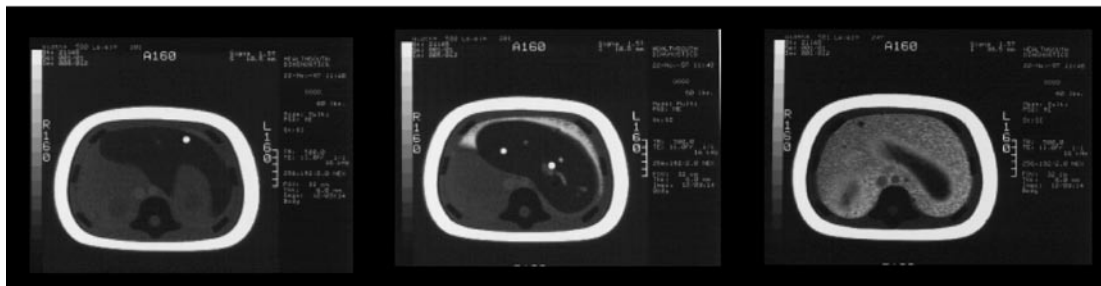
US PATENT#5196343



## CT



## MRI



## ULTRASOUND

