

CT Abdomen Phantom

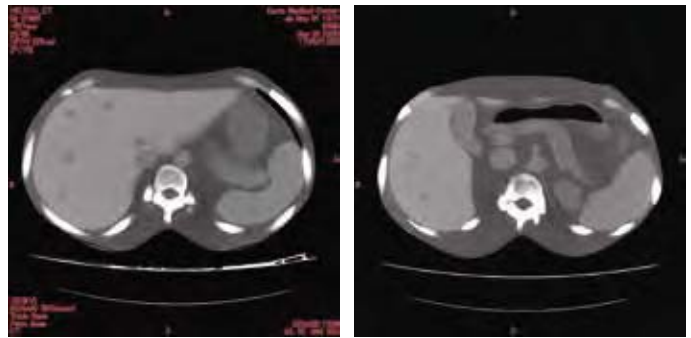
CT and ultrasound fusion experiments are possible with the combination of the US-1 Echozy.

This unique anthropomorphic upper abdomen phantom allows obtaining CT images approximate to clinical data. The elaborate anatomy of organs allows a multi-dimensional approach. Liver, portal vein, gallbladder, hepatic vein, hepatic artery, kidneys, pancreas, spleen, aorta, IVC are embedded along with synthetic bones. Each individual organ has a particular Hounsfield number close to human.



sagittal

coronal



axial

Anatomies

lungs (no internal structure)
heart (no internal structure)
liver,
portal vein
gallbladder
hepatic vein
hepatic artery

kidneys
pancreas
spleen
aorta
IVC
spinal column
ribs



CT phantom is the same size and anatomy of Ultrasound Examination Phantom ECHOZY. The combination of two phantoms facilitates evaluation of location systems that uses two modalities.

