



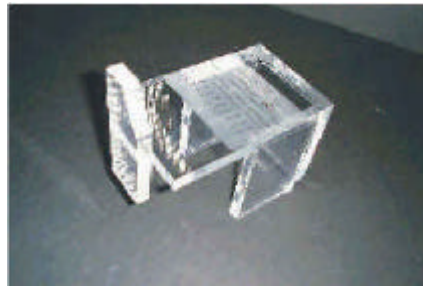
Quality Assurance at 3D CT scanners

Anthropomorphic Cardio CT Phantom



The phantom consists of two parts:
The anthropomorphic phantom
body and the calibration insert

Slice Sensitivity Phantom



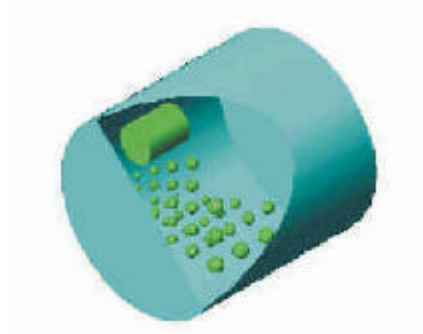
This phantom is used to evaluate the
resolution of CT scanners in x-y-plane
as well as in z-y plane:
1.25 lp/cm - 12.5 lp/cm in both planes

3D High Contrast Spatial Resolution Phantom



This phantom is used to measure to
sensitivity profile of spiral / helical CT
slices. It contains a 40 μm thick
plastic / metal foil in a 28 mm diameter rod

3D Low Contrast Resolution Phantom



This phantom is used to evaluate the
low contrast resolution in x-y plane as
well as in z-y plane. It consists of several
spheres of different diameter with a
low contrast to the surrounding water

