

# Gillian QA Phantom

Model 802



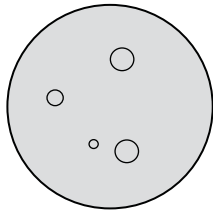
## ***EVALUATE IMAGE DISTORTION AND ALIGNMENT IN SPECT/CT, PET/CT & MRI***

Hybrid scanning systems such as SPECT/CT and PET/CT are increasingly being used to improve tumor identification, treatment delivery and monitor treatment effectiveness. By combining images from two different imaging modalities, hybrid scanning systems take advantage of the strengths of individual imaging modalities while minimizing their respective weaknesses. Proper alignment of the fused images is an ongoing concern.

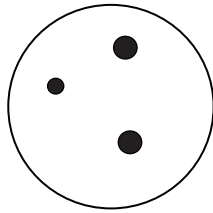
The Model 802 Gillian QA phantom provides a simple and cost effective solution to verify image alignment and distortion. The phantom consists of a water tight acrylic cylinder that can be filled with a variety of fluids. Four non-parallel rods of varying diameter run the entire length of the cylinder. Images produced with the phantom can quickly and clearly show if there is any mismatch in the fused images.

### ***Features***

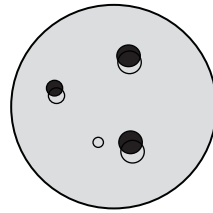
- Compatible with SPECT/CT, PET/CT and MRI
- Check alignment and distortion across the entire imaging field
- Easy to fill and drain
- Allows for independent assessment of equipment function
- Simple geometry allows for quick visual interpretation



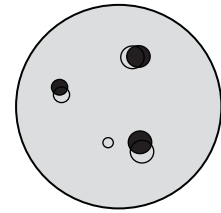
CT Image



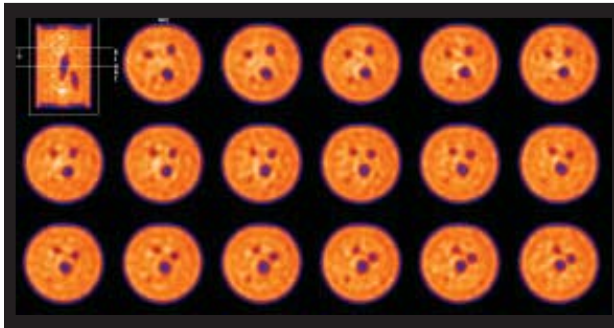
SPECT Image



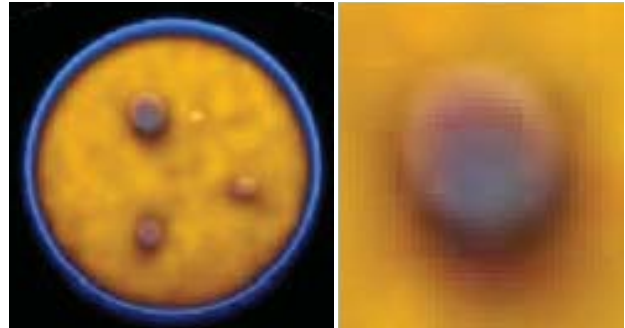
Combined Image showing vertical misalignment



Combined Image showing more serious alignment problem



Transverse SPECT of Phantom



Misalignment detail

**SPECIFICATIONS**

<b>OVERALL DIMENSIONS:</b>	25.4 cm x 27.3 cm x 40.7 cm (10" x 10.75" x 16")
<b>WEIGHT:</b>	6.4 kg (14 lb)
<b>MATERIALS:</b>	Acrylic
<b>ROD DIAMETERS:</b>	12.75 mm (0.5") 19 mm (0.75") 22 mm (0.87") 32 mm (1.26")

**MODEL 802 INCLUDES**

QTY	DESCRIPTION
1	Gillian QA Phantom
1	Fill Plug
1	Drain Adapter
1	Drain Hose
1	Vent Port
1	Carry Handle with Strap
1	User Guide
-	48-Month Warranty

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