

QUALITY CONTROL OF GAMMA CAMERAS
UPDATED: JULY 2007

FORMER QA POLICY

To assure optimum gamma camera performance, each gamma camera has a scheduled routine performance test which will be carried out on a daily and monthly basis unless otherwise specified.

All QC is reviewed daily by supervisor or designee. Equipment QC is signed off by Medical Physics. In the event that the equipment does not function properly, service is requested.

Camera

Philips & GE:

SPECT Quality Control

- Infinia A (Room A, E1/392)
- Infinia II (Room E, E1/385)
- Phillips (Room D, E1/387)
- VG (Room C, E1/396a)

CT Quality Control - Daily

- Hawkeye Infinia & VG cameras

Camera

GE:

Planar Quality Control

- MPS (Room B, E1/394)

SPECT Quality Control

- Daily: 4M count floods
- Monthly: 10M count floods
3M count bar phantoms of each detector
Center of rotation

Non-SPECT Camera QC (MPS)

- Daily: 4M count flood
- Monthly: 10M count flood
3M count bar phantom

Reviewed By: S. Perlman, D. Fuerbringer

Scott B. Perlman, MD, MS
Chief, Nuclear Medicine

Derek Fuerbringer, CNMT
Manager, Nuclear Medicine