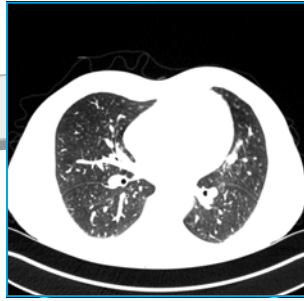
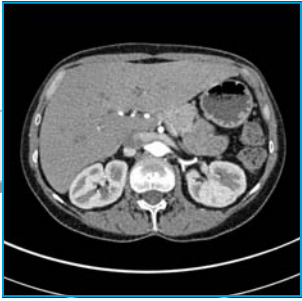


NRAD RADIATION SAFETY UPDATE

LOW DOSE COMPUTED TOMOGRAPHY (CT-Scan)



Recent media attention has raised questions about the safety of radiation for medical imaging.

The potential risks of x-ray radiation are estimated from Atomic Bomb survivors. However, these individuals received much larger doses of x-ray radiation than typically used in medical imaging and also received other types of radiation not used in medical imaging which raises questions about the validity of these estimates.

NRAD's approach to x-ray radiation safety is proactive and we have always been dedicated to the ALARA "as low as reasonably achievable" principle.

We continue to develop new CT protocols to lower radiation dose while preserving image quality. This has been a goal at NRAD even prior to the recent radiation safety concerns presented by the media.

SPECIFIC NRAD LOW DOSE CT SCAN UPDATES

CHEST CT

- New "low dose" protocol reduces radiation dose by approximately 50%.
- Breast shields for female patients lower the dose to the breast (radiosensitive organ) by an additional 50%.
- The "low dose protocol" and breast shields are utilized for patients requiring follow-up CT scans for lung nodules, pneumonia and other benign conditions.
- May be performed on all NRAD CT scanners.

ABDOMINAL AND PELVIC CT

- Radiation dose is better tailored to patient body habitus.
- Patients 150 lbs or less will receive 25-50% reduction in radiation dose.

VIRTUAL COLONOSCOPY

- NRAD employs protocols for virtual colonoscopy which result in 67% less radiation for each position than for a comparable CT scan of the abdomen and pelvis.

Our comfortable and convenient state-of-the-art facilities that perform CT Scans are available in
Garden City ❖ Jamaica Estates ❖ Lake Success ❖ Woodbury



516-222-2022

718-380-6010