CHECK THE EUROSAFE IMAGING SURVEY FINDINGS

A series of surveys entitled ‘Is your Imaging EuroSafe?’ has been launched as part of the ESR’s EuroSafe Imaging campaign to improve radiation protection in Europe. The surveys contain questions on CT dose exposure values for different clinical indications. The preliminary results of the first survey on Acute Stroke are now available*. The core aim of ‘Is your Imaging EuroSafe?’ is to build a European repository based on dose exposures for specific clinical indications that would be most helpful for self-benchmarking and for future establishment of diagnostic reference levels (DRLs). In addition, this repository would provide insights into the influence of the age of the equipment on dose exposure, which may be helpful at the local level to stimulate a policy of upgrading or replacing equipment. Our aim is to collect information relating to specific adult CT clinical indications from as many CT centres as possible, using samples of five patients for each indication from each centre.

(*Status: 27 January 2015. As the survey is still open, the data displayed in this poster is preliminary.)

Head CT for Acute Stroke

General Information

- Does your department regularly check the dose your patients are getting for common examinations?
  - Yes: 75%
  - No: 20%
  - I don’t know: 4%

- Are periodic computed tomography index (CTDI) measurements taken?
  - Yes: 81%
  - No: 12%
  - I don’t know: 8%

- Is dose modulation used?
  - Yes: 77%
  - No: 23%
  - I don’t know: 0%

- Is iterative reconstruction used?
  - Yes: 54%
  - No: 46%
  - I don’t know: 0%

Exposure Values

- $\text{CTDI}_{\text{vol}}$ (mGy)
  - <50: 38%
  - 50-100: 30%
  - 100-200: 8%
  - 500-1000: 30%
  - >1000: 24%

- DLP (mGy.cm)
  - <500: 19%
  - 500-1000: 38%
  - 1000-1500: 11%
  - >1500: 19%

Is your data still missing?
Then submit it here
www.eurosafeimaging.org/survey