Single-photon emission computed tomography (SPECT, or less commonly, SPET) is a nuclear medicine tomographic imaging technique using gamma rays. It is very similar to conventional nuclear medicine planar imaging using a gamma camera (that is, scintigraphy), but is able to provide true 3D information. This information is typically presented as cross-sectional slices through the patient, but ...

History of computed tomography - Wikipedia
The history of X-ray computed tomography goes back to at least 1917 with the mathematical theory of the Radon transform In October 1963, William H. Oldendorf received a U.S. patent for a "radiant energy apparatus for investigating selected areas of interior objects obscured by dense material". The first clinical CT scan was performed in 1971 using a scanner invented by Sir Godfrey Hounsfield.

Pediatric Computed Tomography and Associated Radiation
Aug 01, 2013 · INTRODUCTION. Pediatric computed
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Oct 27, 2021 · Objective. This study was aimed to explore the accuracy of multi-slice spiral computed tomography (CT) scan in preoperative staging diagnosis of bladder cancer based on hybrid iterative reconstruction algorithm, so as to provide a more reasonable supporting basis for guiding clinical work in the future. Methods. Retrospectively, 120 patients admitted to hospital from July 2019 to April 2021.

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large, as

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Delly. Delly is an integrated structural variant (SV) prediction method that can discover, genotype and visualize deletions, tandem duplications, inversions and translocations at single-nucleotide resolution in short-read massively parallel sequencing data.

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We prospectively assessed myocardial viability using single-photon-emission computed tomography, dobutamine echocardiography, or both. Patients were randomly assigned to undergo CABG and receive

**Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy**

MCI, mild cognitive impairment; MRI, magnetic resonance imaging; CT, computed tomography. 10 had PET scans, 3 had single-photon emission computerised tomography (SPECT) scans, 1 had cerebrospinal

**Differences in Care Between Younger and Older Patients in the 2019 English National Memory Service Audit**

Single Photon Emission Computed Tomography, a nuclear
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comparing spondylolysis in cricketers and soccer players
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dissociation between back pain and bone stress reaction as measured by ct scan in young cricket fast bowlers
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