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Dual-Energy Computed Tomography

National Cancer Institute

Source

National Cancer Institute. *Dual-Energy Computed Tomography*. NCI Thesaurus. Code C121378.

An application of computed tomography that uses different x-ray spectra to acquire two image sets at the same anatomic location. This technique allows for the analysis of energy-dependent changes in the attenuation of different materials and facilitates the differentiation, characterization, isolation, and distinction of the imaged tissue and material.