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Electronic Collimation

National Cancer Institute

Source

National Cancer Institute. *Electronic Collimation*. NCI Thesaurus. Code C94891.

The use of coincidence with a pair of gammas giving a coincidence event in detectors 180 degrees apart in a PET scanner to define a line of response along which lies the location of the radiation emitting tracer. This differs from the use of slab collimators whose many holes define lines of response from a single gamma emission.