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# FLT-Positron Emission Tomography

National Cancer Institute

## Source

National Cancer Institute. *FLT-Positron Emission Tomography*. NCI Thesaurus. Code C103401.

An imaging technique that utilizes positron emission tomography to produce a three-dimensional image of functional processes in the body. The system detects pairs of gamma rays emitted indirectly by a positron-emitting radionuclide (tracer), which is introduced into the body on the biologically active molecule fluoro-L-thymidine (FLT). FLT when imaged will give tissue metabolic activity, in terms of cell proliferation.