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Filtered Backprojection

National Cancer Institute

Source

National Cancer Institute. *Filtered Backprojection*. NCI Thesaurus. Code C94896.

A method of reconstruction that sums individual contributions to a pixel (voxel) value from detected counts of all lines of response passing through this pixel (voxel). It is an alternative approach to iterative reconstruction. Associated with this process is also a filtering that removes undesirable artifacts.