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# Partial Volume Effect

National Cancer Institute

## Source

National Cancer Institute. *Partial Volume Effect*. NCI Thesaurus. Code C94947.

The smearing out of a scanned object's true activity concentration that should appear at each pixel (voxel) into a wider displayed pattern because of the lack of perfect scanner resolution for small objects (i.e. having a dimension near or less than the scanner's full width at half maximum of its point spread function).