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Three-Dimensional Echo-Planar Spectroscopic Imaging

National Cancer Institute

Source

National Cancer Institute. *Three-Dimensional Echo-Planar Spectroscopic Imaging*. NCI Thesaurus. Code C127837.

A three-dimensional application of magnetic resonance spectroscopic imaging that uses an alternating gradient applied along one of the spatial readout directions to simultaneously encode the space and chemical shift, thereby reducing the phase-encoding dimension by one and increasing speed.