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Echo-Planar Imaging

National Cancer Institute

Source

National Cancer Institute. *Echo-Planar Imaging*. NCI Thesaurus. Code C17558.

A magnetic resonance imaging (MRI)-based technique in which multiple lines of imaging data are acquired after each radiofrequency excitation. This allows images to be obtained in 20-100 ms rather than over several minutes, resulting in increased temporal resolution compared to other MRI methods.