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Magnetization Transfer Magnetic Resonance Imaging

National Cancer Institute

Source

National Cancer Institute. *Magnetization Transfer Magnetic Resonance Imaging*. NCI Thesaurus. Code C116457.

A type of magnetic resonance imaging that involves the transfer of longitudinal magnetization of hydrogen nuclei between restricted motion water and free motion water, allowing for the calculation of the magnetization transfer ratio (MTR), an indicator of the structural integrity of the imaged tissue.