Multiparametric MR Imaging in the Assessment of Brain Tumors.

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Abstract

Functional MR imaging methods make possible the quantification of dynamic physiologic processes that occur in the brain. Moreover, the use of these advanced imaging techniques in the setting of oncologic treatment of the brain is widely accepted and has found worldwide routine clinical use.

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KEYWORDS: BOLD; Brain tumor; Diffusion tensor imaging; Diffusion-weighted imaging; Perfusion; Permeability; Spectroscopy; Tractography

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