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## Combining inhomogenous Magnetization Transfer (ihMT) with multi-point Dixon (mDixon) for myelin imaging with efficient fat suppression

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## Anisotropy of inhomogeneous Magnetization Transfer (ihMT) in White Matter

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## Toward Dynamic 3D Cardiac Perfusion Imaging Using bSSFP and Hyperpolarized tert-Butanol

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## Combined flip angle and echo scaling modulation for optimal fast spin echo

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## Modeling the increased inhomogeneous magnetization transfer (ihMT) signal from high amplitude, low duty cycle irradiation

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## Comparison of inhomogeneous magnetization transfer imaging with myelin water imaging (MWI) and diffusion tensor imaging (DTI)

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## Inhomogeneous Magnetization Transfer (ihMT) in normal-appearing tissue correlates with clinical EDSS score of MS patients.

Elise Van Obberghen<sup>1</sup>, Samira Mchinda<sup>1</sup>, Arnaud le Troter<sup>1</sup>, Valentin H. Prevost<sup>1</sup>, Patrick Viout<sup>1</sup>, Elisabeth Soulier<sup>1</sup>, Maxime Guye<sup>1</sup>, Gopal Varma<sup>2</sup>, David C. Alsop<sup>2</sup>, Jean-Philippe Ranjeva<sup>1</sup>, Jean Pelletier<sup>3</sup>, Olivier M. Girard<sup>1</sup>, and Guillaume Duhamel<sup>1</sup>

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## In-vivo evaluation of pCASL labeling scheme and position

Marta Vidorreta<sup>1,2</sup>, Li Zhao<sup>3</sup>, Sheila Shankar<sup>4</sup>, Daniel H Wolf<sup>4</sup>, David C Alsop<sup>3</sup>, and John A Detre<sup>1,2</sup>

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## Optimization of Flip Angle Design for Reduced T2 Blurring of 3D Arterial Spin Labeling

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## The inhomogeneous MT (ihMT) technique: Achievements and perspectives

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## Characterization of the power dependency regimes of inhomogeneous Magnetization Transfer (ihMT)

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## On the boost effect of inhomogeneous Magnetization Transfer (ihMT)

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## High Resolution Magic Angle Spinning (HR-MAS) NMR characterization of inhomogeneous magnetization transfer (ihMT) responsive samples

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## Validation of inhomogeneous Magnetization Transfer (ihMT) as a myelin biomarker

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