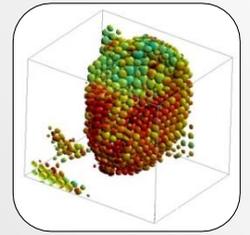*GyroTools*

www.gyrotools.com

Add-on Software
for Research Applications

3D Tagging

The 3D Tagging acquisition software enables optimized 3D CSPAMM acquisitions for rapid and easy whole heart myocardial tagging acquisition.
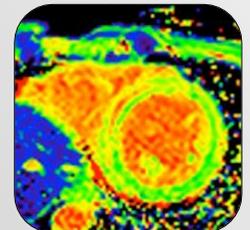
In just 3 breath holds, three volumetric datasets with line tagging preparation in three orthogonal directions are acquired. Scan time reduction is achieved by using fast EPI sequences and a reduced field-of-view method.

Cardiac T1 Mapping (MOLLI)

Fast cardiac T1 mapping within one breath hold, based on a look-locker acquisition scheme.

Enables acquisition and reconstruction of cardiac T1 maps using smart sampling and data processing schemes. Reconstruct T1 maps directly on the scanner and store them into the database with our post processing software.
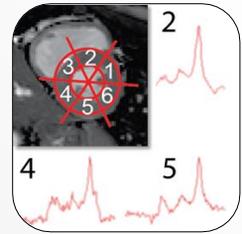
All Add-on Software is for research use only. It is not intended for use in diagnostic procedures.

Echo-Planar Spectroscopic Imaging (EPSI)

Enables fast spectroscopic imaging on the Philips scanner by using simultaneous spatial and spectral encoding.
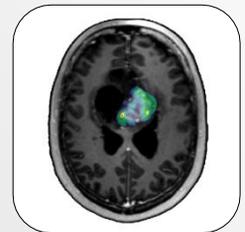
Acquire spectroscopic images in the resolution of a conventional anatomical scan by using a fast optimized sequence together with a dedicated reconstruction.

Double Echo GRE-SE EPI (dualEPI)

Enables the simultaneous acquisition of gradient- and spin-echo EPI images within the same scan, allowing to create images with different contrast and susceptibility effects.
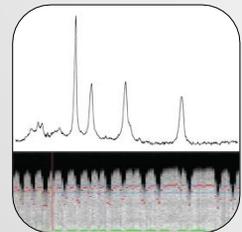
This novel sequence has been shown to deliver promising results in vessel caliber measurements and tumor detection in the brain, offering new insights into the complex nature of tumor vascularity.

Respiratory Navigator for Spectroscopy

Enables the use of a respiratory navigator in spectroscopic acquisitions.

Respiratory navigators are an invaluable tool for the acquisition of moving tissues, such as the heart, spine or even the brain structures. Make use of this technique for spectroscopy as well using this software patch.

Patches On Demand

Do you have an idea for a MRI/MRS sequence, but not the time or the know-how to implement it on the scanner yourself?

Contact us and we will bring your ideas to life!
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