

MR Correction

„Did you know...?“ MR Correction Booklet

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The simultaneous acquisition of EEG and fMRI data, once thought exotic and difficult if not impossible has gained immense popularity among Neuroscientists over the last decade and particularly rapidly over the course of the last four or five years.

Not only has the number of scientists performing such measurements exploded, there are also some distinct changes noticeable in the field that clearly show that the once exotic has now reached the scientific main stream in the most positive sense of the word.

This can easily be seen during symposia and poster sessions at scientific meetings with a strong EEG/fMRI focus such as the ISMRM. The questions to be answered with the combination of EEG and fMRI no longer regard the feasibility of doing such measurements or on issues of artifact correction. Instead, these issues and questions are obviously largely considered solved and answered and the field seems ready to move forward towards gaining true scientific benefit from combined measurements.

However, no matter how great a scientific idea one pursues with combined recordings, the quality of the results and insights to be gained still largely depend on the quality of the gradient and ballistocardiogram corrections performed. It is therefore fundamental that every user undertaking combined recordings has a profound understanding of the correction procedures and their prerequisites.

Furthering and deepening this understanding by exemplary explanation and illustration is the goal of this “Did you know...?“ booklet on EEG/fMRI Correction and I sincerely hope it serves its purpose well...

Make sure to reserve your copy of the „Did you know...?“ Booklet which we'll distribute during the ISMRM at our booth N° 468. ●

