

Motion Tracking System

GE Signa Premier



TracInnovations' markerless motion tracking system is compatible with



GE Signa Premier 3T



- configured with the *GE 48 Channel Head Coil*

Prospective motion correction sequences available for

- ✓ T1w 3D GRE
- ✓ T2w propeller
- ✓ T1 FLAIR, propeller
- ✓ Diffusion Weighted EPI

(for research only)

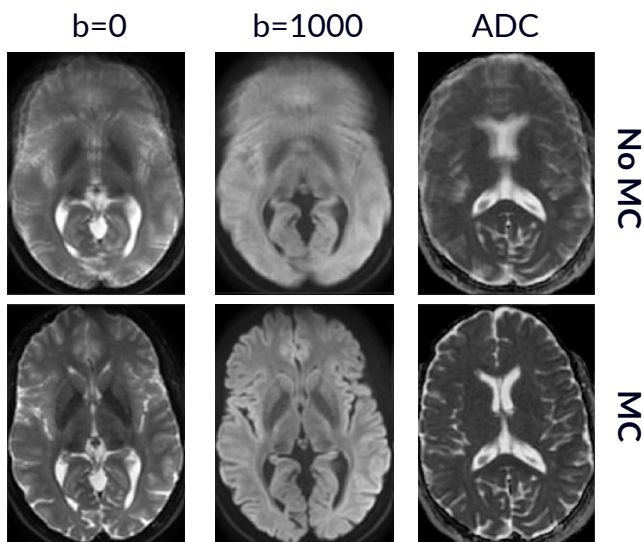
Tracoline and TracSuite are the ideal tools for

- ✓ Motion tracking
- ✓ Prospective motion correction



Motion correction (for research only)

TracInnovations' markerless motion tracking system has been successfully demonstrated for motion correction (MC) on the 3T GE Signa Premier scanner



Motion correction (MC) of EPI-based DWI sequences. By Johan Berglund, Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden (Berglund et al, MRM, 2020)

MC sequence features

- ✓ No alteration of sequence timing
- ✓ Compatible with wide range of brain imaging sequences
- ✓ Easy setup, single additional exam parameter: MC On/Off

in collaboration with 

TracInnovations presents a unique solution that potentially provides



Better diagnosis and treatments
Improved images and no need for sedation



Lower cost
Fewer rescans and shorter scan times



Simple and automated workflow
No added scan time and no patient preparation