

Motion Tracking System

Markerless system for MRI



Motion during MRI results in repeated sequences in ~20% of all scans*

Motion causes image degradation that impairs the basis for diagnosis. Therefore, children and patients with involuntary motion are often not considered for scanning or scanned with sedation resulting in costs of ~€260k a year per scanner**

A major problem is to track motion correctly without compromising scanner workflow and patient comfort

TracInnovations presents a unique FDA cleared Motion Tracking System to overcome this issue

*Jalal B. Andre et al., JACR 2015
**Jakob Slipsager et al., JMRI 2020



Tracoline

Unique motion tracking system

- ✓ MRI functional
- ✓ Markerless tracking
- ✓ Real-time motion feedback
- ✓ Invisible infrared light
- ✓ In-bore 3D surface camera
- ✓ Support operational workflow and patient comfort



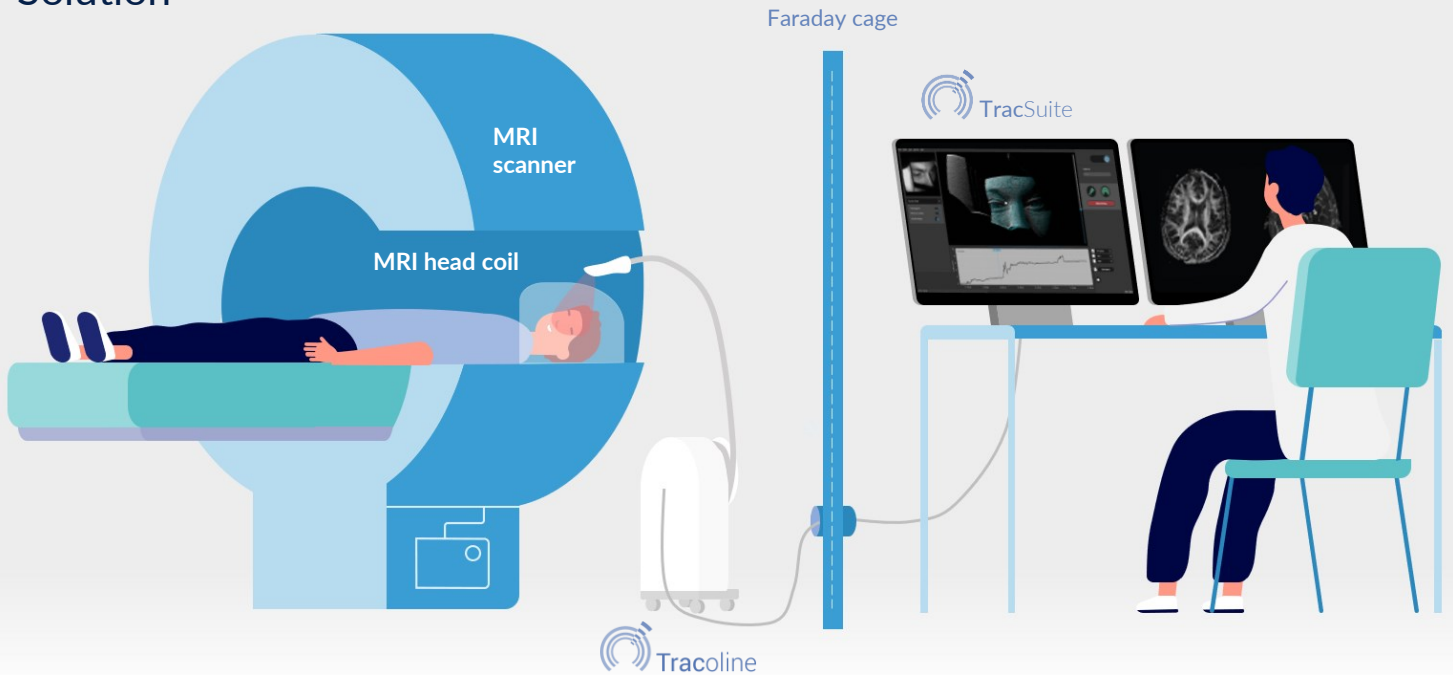
TracSuite

Complete software suite

- ✓ High quality 3D surfaces
- ✓ Online view of patient
- ✓ Real-time motion feedback
- ✓ Valid tracking
- ✓ Simple to use graphical user interface



Solution



TracInnovations delivers motion tracking and motion correction (for research only) for 3T MRI scanners from Siemens, GE, and Philips



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