Welcome to TracInsights!

September 2026

2nd Edition

Welcome to the 2nd edition of TracInsights! We bring you the latest updates on TracInnovations, including some exciting news to come at the upcoming RSNA 2026. Thank you for joining us on this journey to make patient motion a barrier of the past.

Upcoming Conferences 2026 and 2027

RSNA 2026
AT THE CENTER OF CARE
Nov. 29 – Dec. 3

RSNA 2026 – Visit us at Booth 3255

Chicago, IL USA | November 2026

TracInnovations is busy preparing for the RSNA 2026 in Chicago (November 29 – December 2), and we're bringing something new! Visit us at Booth 3255 in the South Hall, for a first look at our exciting new chapter. We will unveil new products to help radiology teams capture cleaner scans, reduce costly rescans, and promote more intelligent motion-based decision-making. More details to come – save the date and stop by the booth.

Book an In-Person Meeting

ASPNR27
JANUARY 21-24, 2027
MIAMI BEACH, FLORIDA
FONTAINEBLEAU MIAMI BEACH

ASPNR 2027

Miami, FL USA | January 2027

TracInnovations is exhibiting at ASPNR 2027, come visit our booth and see how we help support teams capture cleaner scans, for the patients who need it most.

ECR 27 the blue edition
HEALTHCARE REIMAGINED
UPDATING THE ROLE OF RADIOLOGY
VIENNA / MARCH 3 - 7, 2027

ECR 2027

Vienna, Austria | March 2027

TracInnovations is excited to exhibit for the first time at ECR 2027, showcasing our unique technology in neuro MRI and brand-new product line aimed at bringing motion monitoring and insights to the clinical MRI community.

Conference Recap: ISMRM 2026 – Cape Town, South Africa | May 2026

TracInnovations was well represented at ISMRM 2026 in Cape Town, with two abstracts highlighting research with our unique optical motion tracking device Tracoline.



ISMRM 2026 oral presentation by Bassem Hiba from the CERMEP group in Lyon: the first study to quantify active prospective motion correction in naturally sleeping infants found that Tracoline TCL3 significantly improved high-resolution T2-weighted brain MRI quality and reduced motion-related bias in cortical-thickness measurements.

Using non-contact, markerless real-time tracking and selective reacquisition, the work supports more reliable and consistent imaging in infant brain MRI – even where subtle respiratory motion is present.

ISMRM 2026 Research Highlights

Open Innovation for Retrospective Motion Correction

ISMRM 2026 Digital Poster

Splitthoff, Hucker, Slipsager, Glimberg et al.
(Siemens Healthineers / University of Freiburg / TracInnovations)

Read the Abstract

First-of-Its-Kind: PMC in Naturally Sleeping Infants

ISMRM 2026 Oral

Zariry, Hiba et al.
(CNRS Lyon / Harvard Medical School / MGH)

Read the Abstract

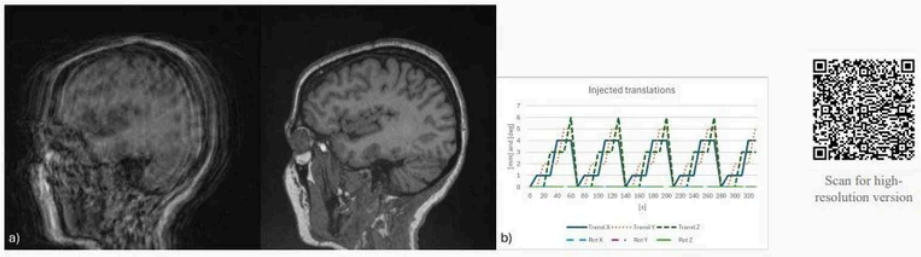


Figure 2: *Figure 2: a) The case with injected pure translation before (left) and after (right) motion correction. b) The injected motion information. This case demonstrates that k-space and motion information are well synchronized*

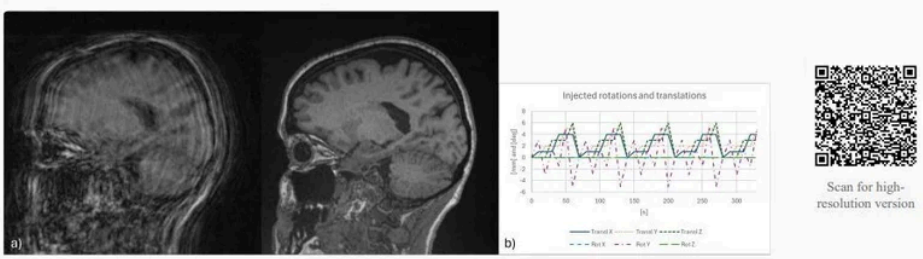


Figure 3: *Figure 3: a) Reconstructions of the volunteer acquisition with injected combined translations and rotations, before (left) and after (right) motion correction. b) The injected motion information (translations and rotation). This example demonstrates that the suggested approach is suited for complete rigid body motion correction use cases.*

Conference Recap: ASPNR 2026 – Tampa, FL | January 2026



TracInnovations attended the American Society of Paediatric Neuroradiology (ASPNR) 8th Annual Scientific Meeting in Tampa, Florida in January 2026 as Sunset Cruise Sponsor. **Michelle Stock** (Director of Business Development and Sales, North America) led a dedicated Small Group Meet-Up in collaboration with the team at **Phoenix Children's Hospital** — a focused session on the real-world clinical burden of motion in paediatric neuroimaging and the practical role of markerless tracking in reducing reliance on sedation and anaesthesia.

The session was extremely well received, generating strong interest from attending paediatric neuroradiologists and reinforcing the momentum around Tracoline in this community. We are grateful to our colleagues at Phoenix Children's Hospital for their support.

A Warm Welcome to Our New Tracoline Sites

Kennedy Krieger Institute | Baltimore, MD, USA

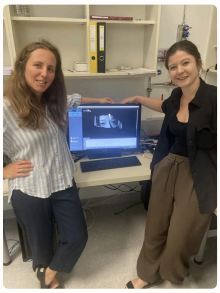
We are delighted to welcome **Kennedy Krieger Institute** to the TracInnovations family as they add their second Tracoline system. We look forward to supporting their team and building a strong partnership as they continue their important work in care, research and innovation.

Hvidovre Hospital – DRCMR | Copenhagen, Denmark

We welcome the **Danish Research Centre for Magnetic Resonance (DRCMR)** at Hvidovre Hospital to the TracInnovations family. The DRCMR is one of Scandinavia's leading neuroimaging research centres and we look forward to a productive collaboration. This Tracoline-assisted research at Hvidovre is spearheaded by Associate Professor in Pediatric Neuroradiology **Kathrine Skak Madsen**.



Read About the Research Project



Medical University of Graz | Graz, Austria

The **Medical University of Graz** is a well-established centre for clinical and translational neuroimaging in central Europe. Their brand-new Tracoline installation further strengthens our growing network across the region, and we are excited to support their brain imaging research programme.

Hear From Our Sites!

We are pleased to share testimonial content from researchers working with Tracoline in the field. Hear from the teams at the **Toronto Neuroimaging Facility (ToNI)** at the **University of Toronto** and the **Trinity College Dublin Institute of Neuroscience (TCIN)** in Ireland on their experience with the TCL3 in their 3T research environments.

Watch the Testimonials

TracInnovations Receives EUROSTARS 2026 Funding

Our Journey to Clinical Motion Correction Continues

We are pleased to announce that the **CALM-MRI consortium** has received a Eurostars grant of more than €1 million to advance motion correction for paediatric neuro MRI into routine clinical use. Building on **GyroTools** and TracInnovations' established collaboration, the consortium – also including **Rigshospitalet** in Copenhagen and the **Psychiatric University Hospital Zurich (PUK/UZH)** – will generate clinical evidence and integrate the technology into workflow, validating it across a broad range of MRI protocols at both partner hospitals.

New Research Spotlight

Tracoline vs. Fat-Navigators: In-Vivo Tracking Accuracy (Preprint)

Zariry, Hiba et al. (CNRS Lyon / Harvard Medical School / MGH / TracInnovations)

A new CNRS Lyon, Harvard Medical School, MGH, and TracInnovations preprint introduces an in-vivo framework for comparing MRI motion-tracking methods, benchmarking markerless Tracoline against FatNav across defined head positions. Tracoline showed greater accuracy for translations and clinically relevant 2–4° rotations, with motion-corrected images also achieving higher SSIM, PSNR, and sharpness scores.

Read the Preprint

Closing Note

Thank you for being part of our mission: to remove patient motion as a barrier to accurate and efficient MRI. We look forward to sharing more with you in the next edition of **TracInsights!**

Get a Quote



TracInnovations A/S, Brydehusvej 13, Ballerup, DK-2750, Denmark

www.tracinnovations.com