

Resource Summary Report

Generated by PRECISE-TBI on Aug 3, 2026

medInria

RRID:SCR_001462

Type: Tool

Proper Citation

medInria (RRID:SCR_001462)

Resource Information

URL: <https://med.inria.fr/>

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Description: Software tool as multi platform medical image processing and visualization software. Functionalities include 2D/3D/4D image visualization, image registration, diffusion MR processing and tractography, filtering.

Resource Type: software toolkit, registration software, image processing software, software resource, software library, data visualization software, data processing software, software application, image analysis software

Keywords: Magnetic resonance, image visualization, image registration, diffusion mr processing, tractography, diffusion tensor mri, fmri, mri, clinical

Availability: Free, Available for download, Freely available

Resource Name: medInria

Resource ID: SCR_001462

Alternate IDs: nif-0000-00292

Alternate URLs: <http://www.nitrc.org/projects/medinria>

License URLs: <Http://med.inria.fr/about/license>

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260803T040303+0000

Ratings and Alerts

No rating or validation information has been found for medInria.

No alerts have been found for medInria.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 77 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Toba MN, et al. (2025) Analysis of clinical anatomical correlates of motor deficits in stroke by multivariate lesion inference based on game theory. *Frontiers in neuroscience*, 19, 1409107.

Laamoumi M, et al. (2025) A taxonomic guide to diffusion MRI tractography visualization tools. *NMR in biomedicine*, 38(1), e5267.

Butet S, et al. (2025) EEG-fMRI neurofeedback versus motor imagery after stroke, a randomized controlled trial. *Journal of neuroengineering and rehabilitation*, 22(1), 67.

Amla Z, et al. (2024) Review of the Free Research Software for Computer-Assisted Interventions. *Journal of imaging informatics in medicine*, 37(1), 386.

Harris-Blum L, et al. (2024) Developmental changes in brain structure and function following exposure to oral LSD during adolescence. *Scientific reports*, 14(1), 18632.

Rao JS, et al. (2022) MRI metrics at the epicenter of spinal cord injury are correlated with the stepping process in rhesus monkeys. *Experimental animals*, 71(2), 139.

Rao JS, et al. (2022) Neural regeneration therapy after spinal cord injury induces unique brain functional reorganizations in rhesus monkeys. *Annals of medicine*, 54(1), 1867.

Ambrosino S, et al. (2022) In-depth characterization of neuroradiological findings in a large sample of individuals with autism spectrum disorder and controls. *NeuroImage. Clinical*, 35, 103118.

Hamzaoui D, et al. (2022) Prostate volume prediction on MRI: tools, accuracy and variability. *European radiology*, 32(7), 4931.

Iliescu BF, et al. (2021) Traumatic subaxial cervical spine injury - Improving initial evaluation through correlation of diffusion tensor imaging and subaxial cervical spine injury classification SLIC score. *Surgical neurology international*, 12, 10.

Montagne S, et al. (2021) Challenge of prostate MRI segmentation on T2-weighted images: inter-observer variability and impact of prostate morphology. *Insights into imaging*, 12(1), 71.

Nassir CMNCM, et al. (2021) Elevated Circulating Microparticle Subpopulations in Incidental Cerebral White Matter Hyperintensities: A Multimodal Study. *Brain sciences*, 11(2).

Ibrahim I, et al. (2021) Magnetic resonance tractography of the lumbosacral plexus: Step-by-step. *Medicine*, 100(6), e24646.

Austin T, et al. (2021) N-Acetylaspartate Biomarker of Stroke Recovery: A Case Series Study. *Frontiers in neurology and neuroscience research*, 2.

Bao SS, et al. (2021) Effect of b Value on Imaging Quality for Diffusion Tensor Imaging of the Spinal Cord at Ultrahigh Field Strength. *BioMed research international*, 2021, 4836804.

Kulkarni P, et al. (2021) Whole brain in vivo neuropathology: Imaging site-specific changes in brain structure over time following trimethyltin exposure in rats. *Toxicology letters*, 352, 54.

Kulkarni P, et al. (2020) Characterizing the human APOE epsilon 4 knock-in transgene in female and male rats with multimodal magnetic resonance imaging. *Brain research*, 1747, 147030.

Charles JP, et al. (2020) Subject-specific muscle properties from diffusion tensor imaging significantly improve the accuracy of musculoskeletal models. *Journal of anatomy*, 237(5), 941.

Min YS, et al. (2020) Prediction of Motor Recovery in Patients with Basal Ganglia Hemorrhage Using Diffusion Tensor Imaging. *Journal of clinical medicine*, 9(5).

Fang X, et al. (2020) Perinatal Docosahexaenoic Acid Supplementation Improves Cognition and Alters Brain Functional Organization in Piglets. *Nutrients*, 12(7).