Resource Summary Report

Generated by RRID on Aug 5, 2026

Stroketool-CT

RRID:SCR_013611
Type: Tool

Proper Citation

Stroketool-CT (RRID:SCR_013611)

Resource Information

URL: http://www.digitalimagesolutions.de

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Description: Stroketool-CT is a user friendly MS-Windows based software system for calculation and visualization of enhanced CT perfusion imaging data sets of the brain. It contains features such as quantitative perfusion using SVD algorithms; DICOM compatibility; rapid calculations of rCBF, MTT, rCBV, TTP,Tmax; and interactive and automatic AIF-detection.

Synonyms: Stroketool-CT

Resource Type: data processing software, data visualization software, software application, software resource

Keywords: stroke, software, system, calculation, visualization, imaging, brain, functional, perfusion, PWI, diffusion, DWI, magnetic resonance, MRI, tool

Availability: Available to the research community

Resource Name: Stroketool-CT

Resource ID: SCR_013611

Alternate IDs: nif-0000-00345

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260805T044315+0000

Ratings and Alerts

No rating or validation information has been found for Stroketool-CT.

No alerts have been found for Stroketool-CT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Winkler J, et al. (2023) Cerebral perfusion changes in acute subdural hematoma. Acta neurochirurgica, 165(9), 2381.

Hofmann BB, et al. (2023) Blood Pressure Affects the Early CT Perfusion Imaging in Patients with aSAH Reflecting Early Disturbed Autoregulation. Neurocritical care, 39(1), 125.

Abrar DB, et al. (2020) Cartilage Degradation in Psoriatic Arthritis Is Associated With Increased Synovial Perfusion as Detected by Magnetic Resonance Imaging. Frontiers in medicine, 7, 539870.

Heusch P, et al. (2013) Hybrid [^{1}?F]-FDG PET/MRI including non-Gaussian diffusion-weighted imaging (DWI): preliminary results in non-small cell lung cancer (NSCLC). European journal of radiology, 82(11), 2055.

Galinovic I, et al. (2012) Automated vs manual delineations of regions of interest- a comparison in commercially available perfusion MRI software. BMC medical imaging, 12, 16.

Miese F, et al. (2011) Motion correction improves image quality of dGEMRIC in finger joints. European journal of radiology, 80(3), e427.

Eicker SO, et al. (2011) A comparative study of perfusion CT and 99m Tc-HMPAO SPECT measurement to assess cerebrovascular reserve capacity in patients with internal carotid artery occlusion. European journal of medical research, 16(11), 484.

Luckhaus C, et al. (2008) Detection of changed regional cerebral blood flow in mild cognitive impairment and early Alzheimer's dementia by perfusion-weighted magnetic resonance imaging. NeuroImage, 40(2), 495.

Kleiser R, et al. (2005) Functional activation within the PI-DWI mismatch region in recovery from ischemic stroke: preliminary observations. NeuroImage, 24(2), 515.