

Resource Summary Report

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Stroketool-CT

RRID:SCR_013611

Type: Tool

Proper Citation

Stroketool-CT (RRID:SCR_013611)

Resource Information

URL: <http://www.digitalimagesolutions.de>

Proper Citation: Stroketool-CT (RRID:SCR_013611)

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 [¹⁸F]-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.