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Perfusion CT: is it clinically useful?

DOI: 10.1111/j.1747-4949.2008.00175.x

International Journal of Stroke, 2008, 3, 41-50.

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Version: 2024-04-27

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#	Paper	IF	Citations
75	The independent predictive utility of computed tomography angiographic collateral status in acute ischaemic stroke. <i>Brain</i> , 2009 , 132, 2231-8	11.2	353
74	Computed tomography perfusion source images assessment of infarct core and penumbra in acute stroke. <i>Neurological Research</i> , 2009 , 31, 351-4	2.7	2
73	Clinical value of computed tomography perfusion source images in acute stroke. <i>Neurological Research</i> , 2009 , 31, 1079-83	2.7	8
72	Simultaneous acquisition of CT angiography and whole brain CT perfusion images by using multiphase dynamic helical scan on 16 MDCT. <i>Frontiers of Medicine in China</i> , 2009 , 3, 230-235		
71	[Neurologic emergencies and multislice computed tomography]. <i>Der Radiologe</i> , 2009 , 49, 501-9	1.5	
70	Acute stroke imaging. Part II: The ischemic penumbra. <i>Canadian Journal of Neurological Sciences</i> , 2010 , 37, 17-27	1	11
69	Stroke treatment and prevention: five new things. <i>Neurology</i> , 2010 , 75, S16-21	6.5	8
68	Evaluation of CT perfusion in the setting of cerebral ischemia: patterns and pitfalls. <i>American Journal of Neuroradiology</i> , 2010 , 31, 1552-63	4.4	84
67	Assessment of perihematomal hypoperfusion injury in subacute and chronic intracerebral hemorrhage by CT perfusion imaging. <i>Neurological Research</i> , 2010 , 32, 642-9	2.7	12
66	Identification of infarct core and penumbra in acute stroke using CT perfusion source images. <i>American Journal of Neuroradiology</i> , 2010 , 31, 34-9	4.4	26
65	Imaging of acute stroke. <i>Nature Reviews Neurology</i> , 2010 , 6, 560-71	15	102
64	Extent of hypoattenuation on CT angiography source images in basilar artery occlusion: prognostic value in the Basilar Artery International Cooperation Study. <i>Stroke</i> , 2011 , 42, 3454-9	6.7	62
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62	Computed tomography perfusion prognostic maps do not predict reversible and irreversible neurological dysfunction following reperfusion therapies. <i>International Journal of Stroke</i> , 2011 , 6, 544-6	6.3	8
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59	Perfusion computer tomography: imaging and clinical validation in acute ischaemic stroke. <i>Brain</i> , 2011 , 134, 3408-16	11.2	127

58	Computed tomography perfusion-based selection of patients for endovascular recanalization. <i>Neurosurgical Focus</i> , 2011 , 30, E6	4.2	11
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56	Acute stroke thrombolysis: time to dispense with the clock and move to tissue-based decision making?. <i>Expert Review of Cardiovascular Therapy</i> , 2011 , 9, 451-61	2.5	17
55	Sudden limb weakness. <i>Medical Journal of Australia</i> , 2012 , 196, 572-7	4	
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52	Multimodal CT assessment of acute ischemic stroke. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2013 , 44, 71-81	1.4	3
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50	Perfusion CT in acute stroke: a comprehensive analysis of infarct and penumbra. <i>Radiology</i> , 2013 , 267, 543-50	20.5	196
49	Persistent benign oligemia causes CT perfusion mismatch in patients with intracranial large artery occlusive disease during subacute stroke. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 635-7	6.8	8
48	Perfusion patterns of ischemic stroke on computed tomography perfusion. <i>Journal of Stroke</i> , 2013 , 15, 164-73	5.6	33
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44	Derivation and evaluation of thresholds for core and tissue at risk of infarction using CT perfusion. <i>Journal of Neuroimaging</i> , 2014 , 24, 562-568	2.8	14
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32	Evaluation of efficacy of transcatheter arterial chemoembolization combined with computed tomography-guided radiofrequency ablation for hepatocellular carcinoma using magnetic resonance diffusion weighted imaging and computed tomography perfusion imaging: A prospective study. <i>Medicine (United States)</i> 2017 , 96, e5518	1.8	5
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20	Thrombolysis safety and effectiveness in acute ischemic stroke patients with pre-morbid disability. <i>Journal of Clinical Neuroscience</i> , 2020 , 72, 180-184	2.2	4
19	Computed Tomography Perfusion Identifies Patients With Stroke With Impaired Cardiac Function. <i>Stroke</i> , 2020 , 51, 498-503	6.7	7
18	Novel quantitative approach for crossed cerebellar diaschisis detection in acute ischemic stroke using CT perfusion. <i>Journal of the Neurological Sciences</i> , 2020 , 416, 117008	3.2	4
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