

A multicenter randomized controlled trial of endovascular  
evaluation for ischemic stroke (DEFUSE 3)

International Journal of Stroke

12, 896-905

DOI: [10.1177/1747493017701147](https://doi.org/10.1177/1747493017701147)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Early management of acute cerebrovascular accident. <i>Current Opinion in Critical Care</i> , 2017, 23, 556-560.	1.6	10
2	White Matter Hyperintensity Volume and Outcome of Mechanical Thrombectomy With Stentriever in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2892-2894.	1.0	34
3	Controversies in Thrombolysis. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 60.	2.0	11
4	Penumbra freeze: travel distance and delays provide an opportunity to study prerecanalization therapy neuroprotection. <i>Future Neurology</i> , 2017, 12, 185-188.	0.9	1
5	Recent advances in the management of acute ischemic stroke. <i>F1000Research</i> , 2017, 6, 484.	0.8	22
6	Protecting the ischaemic penumbra as an adjunct to thrombectomy for acute stroke. <i>Nature Reviews Neurology</i> , 2018, 14, 325-337.	4.9	123
7	Application of the <scp>DAWN</scp> clinical imaging mismatch and <scp>DEFUSE</scp> 3 selection criteria: benefit seems similar but restrictive volume cut-offs might omit potential responders. <i>European Journal of Neurology</i> , 2018, 25, 1093-1099.	1.7	23
8	Advances in Stroke 2017. <i>Stroke</i> , 2018, 49, e174-e199.	1.0	21
9	ELVO: an operational definition. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 507-509.	2.0	74
10	Endovascular Thrombectomy in Wake-Up Stroke and Stroke with Unknown Symptom Onset. <i>American Journal of Neuroradiology</i> , 2018, 39, 494-499.	1.2	14
11	Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. <i>New England Journal of Medicine</i> , 2018, 378, 708-718.	13.9	3,433
12	Endovascular Thrombectomy in Acute Ischemic Stroke. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e005362.	1.4	59
13	Uncovering the Rosetta Stone: Report from the First Annual Conference on Key Elements in Translating Stroke Therapeutics from Pre-Clinical to Clinical. <i>Translational Stroke Research</i> , 2018, 9, 258-266.	2.3	10
14	Time Is Brain: The Stroke Theory of Relativity. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2214-2227.	0.7	29
16	Eligibility for Endovascular Trial Enrollment in the 6- to 24-Hour Time Window. <i>Stroke</i> , 2018, 49, 1015-1017.	1.0	110
17	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018, 378, 11-21.	13.9	3,936
18	Efficacy of perfusion imaging in acute ischemic stroke. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2018, 30, 29-33.	0.1	0
19	Door-in-Door-Out Time at Primary Stroke Centers May Predict Outcome for Emergent Large Vessel Occlusion Patients. <i>Stroke</i> , 2018, 49, 2969-2974.	1.0	68

#	ARTICLE	IF	CITATIONS
20	A randomized pragmatic care trial on endovascular acute stroke interventions (EASI): criticisms, responses, and ethics of integrating research and clinical care. <i>Trials</i> , 2018, 19, 508.	0.7	12
21	Diffusion Tensor-Derived Properties of Benign Oligemia, True "at Risk" Penumbra, and Infarct Core during the First Three Hours of Stroke Onset: A Rat Model. <i>Korean Journal of Radiology</i> , 2018, 19, 1161.	1.5	8
22	Patients With Ischemic Core >70 ml Within 6 h of Symptom Onset May Still Benefit From Endovascular Treatment. <i>Frontiers in Neurology</i> , 2018, 9, 933.	1.1	22
23	Computed Tomography, Computed Tomography Angiography, and Perfusion Computed Tomography Evaluation of Acute Ischemic Stroke. <i>Neuroimaging Clinics of North America</i> , 2018, 28, 565-572.	0.5	18
24	Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2018, 39, E61-E76.	1.2	39
25	Multimodal magnetic resonance imaging to identify stroke onset within 6h in patients with large vessel occlusions. <i>European Stroke Journal</i> , 2018, 3, 185-192.	2.7	4
26	Fibrinolysis: strategies to enhance the treatment of acute ischemic stroke. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1932-1940.	1.9	53
27	Antiplatelet Agents in Secondary Stroke Prevention: Selection, Timing, and Dose. <i>Current Treatment Options in Neurology</i> , 2018, 20, 32.	0.7	4
28	Innovation in Systems of Care in Acute Phase of Ischemic Stroke. The Experience of the Catalan Stroke Programme. <i>Frontiers in Neurology</i> , 2018, 9, 427.	1.1	12
29	Is Perfusion MRI without Deconvolution Reliable for Mismatch Detection in Acute Stroke? Validation with 15O-Positron Emission Tomography. <i>Cerebrovascular Diseases</i> , 2018, 46, 16-23.	0.8	8
30	Endovascular Treatment in the DEFUSE 3 Study. <i>Stroke</i> , 2018, 49, 2000-2003.	1.0	23
31	Reperfusion therapy in acute ischemic stroke: dawn of a new era?. <i>BMC Neurology</i> , 2018, 18, 8.	0.8	154
33	Association between age and outcomes following thrombectomy for anterior circulation emergent large vessel occlusion is determined by degree of recanalisation. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 114-118.	2.0	13
34	Inter- and intraobserver reliability for angiographic leptomeningeal collateral flow assessment by the American Society of Interventional and Therapeutic Neuroradiology/Society of Interventional Radiology (ASITN/SIR) scale. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 338-341.	2.0	43
35	Imaging vascular and hemodynamic features of the brain using dynamic susceptibility contrast and dynamic contrast enhanced MRI. <i>NeuroImage</i> , 2019, 187, 32-55.	2.1	45
36	Management of Acute Ischemic Stroke. <i>Journal of Neuroanaesthesiology and Critical Care</i> , 2019, 06, 105-118.	0.1	0
37	Misleading CT perfusion in subacute ischemic stroke. <i>Emergency Radiology</i> , 2019, 26, 581-586.	1.0	5
39	Comparison Between Perfusion- and Collateral-Based Triage for Endovascular Thrombectomy in a Late Time Window. <i>Stroke</i> , 2019, 50, 3465-3470.	1.0	19

#	ARTICLE	IF	CITATIONS
40	Computer-aided imaging analysis in acute ischemic stroke – background and clinical applications. <i>Neurological Research and Practice</i> , 2019, 1, 23.	1.0	51
41	Neural Network–derived Perfusion Maps for the Assessment of Lesions in Patients with Acute Ischemic Stroke. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e190019.	3.0	13
42	Cone beam-computed tomography angiography by intravenous contrast injection is reliable to evaluate patients with large vessel occlusion. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 67-71.	0.8	1
43	Review of external referrals to a regional stroke centre: it is not just about thrombectomy. <i>Clinical Radiology</i> , 2019, 74, 950-955.	0.5	1
44	Effectiveness of an Interdisciplinary, Nurse Driven In-Hospital Code Stroke Protocol on In-Patient Ischemic Stroke Recognition and Management. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104398.	0.7	14
45	Re: Evaluation of the Statewide Variability in the Current Role of Different Specialties in Lower Extremity Endovascular Revascularization for Medicare Beneficiaries. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1716-1717.	0.2	0
46	Association of Thrombectomy With Stroke Outcomes Among Patient Subgroups. <i>JAMA Neurology</i> , 2019, 76, 447.	4.5	23
47	Visual assessment of diffusion weighted imaging infarct volume lacks accuracy and reliability. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 947-954.	2.0	5
48	Cutting Edge Acute Ischemic Stroke Management. <i>Emergency Medicine Clinics of North America</i> , 2019, 37, 365-379.	0.5	10
49	Understanding Atrial Cardiopathy: an Under-Recognized Contributor to Cardioembolic Stroke. <i>Current Treatment Options in Neurology</i> , 2019, 21, 32.	0.7	7
50	Clinical potential of pre-reperfusion hypothermia in ischemic injury. <i>Neurological Research</i> , 2019, 41, 697-703.	0.6	11
51	Thrombectomy of Ventricular Assist Device–Originated Embolic Stroke: A Clinical Decision Model. <i>Journal of Neuroimaging</i> , 2019, 29, 423-430.	1.0	4
52	European Stroke Organisation (ESO) - European Society for Minimally Invasive Neurological Therapy (ESMINT) Guidelines on Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, e8-e8.	2.0	158
53	Rapid Neurologic Improvement Predicts Favorable Outcome 90 Days After Thrombectomy in the DEFUSE 3 Study. <i>Stroke</i> , 2019, 50, 1172-1177.	1.0	35
54	Functional Outcomes at 90 Days in Octogenarians Undergoing Thrombectomy for Acute Ischemic Stroke: A Prospective Cohort Study and Meta-Analysis. <i>Frontiers in Neurology</i> , 2019, 10, 254.	1.1	37
55	Dismantling the ability of CT and MRI to identify the target mismatch profile in patients with anterior circulation large vessel occlusion beyond six hours from symptom onset. <i>Emergency Radiology</i> , 2019, 26, 401-408.	1.0	10
56	How should we treat patients who wake up with a stroke? A review of recent advances in management of acute ischemic stroke. <i>American Journal of Emergency Medicine</i> , 2019, 37, 954-959.	0.7	11
57	Results From DEFUSE 3. <i>Stroke</i> , 2019, 50, 632-638.	1.0	86

#	ARTICLE	IF	CITATIONS
58	Outcomes of Thrombectomy in Transferred Patients With Ischemic Stroke in the Late Window. <i>JAMA Neurology</i> , 2019, 76, 682.	4.5	24
59	Ischemic Core and Hypoperfusion Volumes Correlate With Infarct Size 24 Hours After Randomization in DEFUSE 3. <i>Stroke</i> , 2019, 50, 626-631.	1.0	43
60	Editorial: Reperfusion Therapy for Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 1139.	1.1	0
61	Endovascular Thrombectomy Improves Patient Outcomes Across Different Conditions. <i>Neurology Today: an Official Publication of the American Academy of Neurology</i> , 2019, 19, 40-41.	0.0	0
62	Six Months Later: Final Helistroke Pilot Time Analysis. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1714-1716.	0.2	2
63	Neuroendovascular surgery. <i>Journal of Neurosurgery</i> , 2019, 131, 1690-1701.	0.9	10
64	Adaptive enrichment designs for confirmatory trials. <i>Statistics in Medicine</i> , 2019, 38, 613-624.	0.8	18
65	Worldwide Analysis of Radiology Access and Education for Stroke Care: View From Abroad From 14 Countries. <i>Journal of the American College of Radiology</i> , 2019, 16, 89-95.	0.9	0
66	Automated CT Perfusion Imaging Versus Non-contrast CT for Ischemic Core Assessment in Large Vessel Occlusion. <i>Clinical Neuroradiology</i> , 2020, 30, 109-114.	1.0	16
67	Impact of Leukoaraiosis Severity on the Association of Time to Successful Reperfusion with 90-Day Functional Outcome After Large Vessel Occlusion Stroke. <i>Translational Stroke Research</i> , 2020, 11, 39-49.	2.3	18
68	Effect of definition and methods on estimates of prevalence of large vessel occlusion in acute ischemic stroke: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 260-265.	2.0	44
69	Technical note on endovascular treatment of concomitant carotid occlusion in large vessel occlusion stroke: The "single-cross" technique. <i>Interventional Neuroradiology</i> , 2020, 26, 10-18.	0.7	2
70	Intracranial bailout stenting with the Acclino (Flex) Stent/NeuroSpeed Balloon Catheter after failed thrombectomy in acute ischemic stroke: a multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 43-47.	2.0	18
71	Comparison of MRI IVIM and MR perfusion imaging in acute ischemic stroke due to large vessel occlusion. <i>International Journal of Stroke</i> , 2020, 15, 332-342.	2.9	20
72	Mortality reduction after thrombectomy for acute intracranial large vessel occlusion: meta-analysis of randomized trials. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 568-573.	2.0	15
73	Association between time to treatment and functional outcomes according to the Diffusion-Weighted Imaging Alberta Stroke Program Early Computed Tomography Score in endovascular stroke therapy. <i>European Journal of Neurology</i> , 2020, 27, 343-351.	1.7	2
74	What Is Stroke Certification and Does It Matter?. <i>Critical Care Nursing Clinics of North America</i> , 2020, 32, 109-119.	0.4	0
75	Eligibility for late endovascular treatment using DAWN, DEFUSE-3, and more liberal selection criteria in a stroke center. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 842-847.	2.0	28

#	ARTICLE	IF	CITATIONS
76	Is limited-coverage CT perfusion helpful in treatment decision-making in patients with acute ischemic stroke?. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1908-1916.	1.1	5
77	Found Down at Home. <i>Journal of Emergency Medicine</i> , 2020, 59, 705-709.	0.3	0
78	Patients Transferred for Endovascular Stroke Therapy Do Worse. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2167-2169.	1.1	0
79	Recent Administration of Iodinated Contrast Renders Core Infarct Estimation Inaccurate Using RAPID Software. <i>American Journal of Neuroradiology</i> , 2020, 41, 2235-2242.	1.2	12
80	Management of Cervico-Cranial Arterial Dissections. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2020, 22, 1.	0.4	1
81	Outcomes following endovascular therapy for acute stroke by interventional cardiologists. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1296-1303.	0.7	3
82	Improved collateral flow and reduced damage after remote ischemic preconditioning during distal middle cerebral artery occlusion in aged rats. <i>Scientific Reports</i> , 2020, 10, 12392.	1.6	21
83	Real-World Comparison of Human and Software Image Assessment in Acute Ischemic Stroke Patients' Qualification for Reperfusion Treatment. <i>Journal of Clinical Medicine</i> , 2020, 9, 3383.	1.0	4
84	Evolution of the stroke paradigm: A review of delayed recanalization. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 945-957.	2.4	8
85	Collateral status contributes to differences between observed and predicted 24-h infarct volumes in DEFUSE 3. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1966-1974.	2.4	53
86	Health Utility Weighting of the Modified Rankin Scale. <i>JAMA Network Open</i> , 2020, 3, e203767.	2.8	24
87	Chinese Stroke Association guidelines for clinical management of cerebrovascular disorders: executive summary and 2019 update of clinical management of ischaemic cerebrovascular diseases. <i>Stroke and Vascular Neurology</i> , 2020, 5, 159-176.	1.5	151
88	Letter: COVID-19 Pandemic' The Bystander Effect on Stroke Care in Michigan. <i>Neurosurgery</i> , 2020, 87, E397-E399.	0.6	22
89	Acute Neuro Care. , 2020, , .		0
90	Recent advances in devices for mechanical thrombectomy. <i>Expert Review of Medical Devices</i> , 2020, 17, 697-706.	1.4	18
91	Disabling stroke in persons already with a disability. <i>Neurology</i> , 2020, 94, 306-310.	1.5	37
92	Pediatric Acute Stroke Protocol Implementation and Utilization Over 7 Years. <i>Journal of Pediatrics</i> , 2020, 220, 214-220.e1.	0.9	16
93	Emergency Intracranial Stenting in Acute Stroke: Predictors for Poor Outcome and for Complications. <i>Journal of the American Heart Association</i> , 2020, 9, e012795.	1.6	31

#	ARTICLE	IF	CITATIONS
94	Effect of computed tomography perfusion post-processing algorithms on optimal threshold selection for final infarct volume prediction. <i>Neuroradiology Journal</i> , 2020, 33, 273-285.	0.6	9
95	Assessment of a Bayesian Vitrea CT Perfusion Analysis to Predict Final Infarct and Penumbra Volumes in Patients with Acute Ischemic Stroke: A Comparison with RAPID. <i>American Journal of Neuroradiology</i> , 2020, 41, 206-212.	1.2	38
96	Expression of Cytokines and Chemokines as Predictors of Stroke Outcomes in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 1391.	1.1	25
97	The Hyperdense Middle Cerebral Artery Sign in Drip-and-Ship Models of Acute Stroke Management. <i>Cerebrovascular Diseases Extra</i> , 2020, 10, 36-43.	0.5	7
98	Optimal, Two-Stage, Adaptive Enrichment Designs for Randomized Trials, using Sparse Linear Programming. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2020, 82, 749-772.	1.1	8
99	Use of Deep Learning to Predict Final Ischemic Stroke Lesions From Initial Magnetic Resonance Imaging. <i>JAMA Network Open</i> , 2020, 3, e200772.	2.8	98
100	CT perfusion core and ASPECT score prediction of outcomes in DEFUSE 3. <i>International Journal of Stroke</i> , 2021, 16, 288-294.	2.9	19
101	Assessment of computed tomography perfusion software in predicting spatial location and volume of infarct in acute ischemic stroke patients: a comparison of Sphere, Vitrea, and RAPID. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 130-135.	2.0	47
102	Delayed Recanalization—How Late Is Not Too Late?. <i>Translational Stroke Research</i> , 2021, 12, 382-393.	2.3	12
103	Imaging triage of acute stroke patients for endovascular clot retrieval: Effect of increased therapeutic window on the utilization of CT perfusion. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 152-159.	0.9	0
104	Radiographic horizontal gaze deviation in the setting of acute PICA territory ischemia: A potential mimic of large vessel occlusion. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117226.	0.3	2
105	Endovascular Therapy for Childhood Ischemic Stroke. <i>American Journal of Case Reports</i> , 2021, 22, e926529.	0.3	3
106	Enhancing performance of a computed tomography perfusion software for improved prediction of final infarct volume in acute ischemic stroke patients. <i>Neuroradiology Journal</i> , 2021, 34, 222-237.	0.6	9
107	Advances in imaging acute ischemic stroke: evaluation before thrombectomy. <i>Reviews in the Neurosciences</i> , 2021, 32, 495-512.	1.4	4
108	Prompt surgery is effective for acute type A aortic dissection with cerebral ischemia. <i>Journal of Thoracic Disease</i> , 2021, 13, 1403-1412.	0.6	3
109	Tissue at Risk and Ischemic Core Estimation Using Deep Learning in Acute Stroke. <i>American Journal of Neuroradiology</i> , 2021, 42, 1030-1037.	1.2	20
110	Clinical Outcomes and Identification of Patients With Persistent Penumbra Profiles Beyond 24 Hours From Last Known Well. <i>Stroke</i> , 2021, 52, 838-849.	1.0	12
111	A Novel Fast CT Perfusion Core-Penumbra Mismatch Score. <i>Neurologist</i> , 2021, 26, 41-46.	0.4	0

#	ARTICLE	IF	CITATIONS
112	Moving Toward a New Horizon of Pediatric Stroke Intervention. <i>Stroke</i> , 2021, 52, 789-791.	1.0	2
113	Decomposing Acute Symptom Severity in Large Vessel Occlusion Stroke: Association With Multiparametric CT Imaging and Clinical Parameters. <i>Frontiers in Neurology</i> , 2021, 12, 651387.	1.1	2
114	Diagnosis and Management of Transient Ischemic Attack and Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1088.	3.8	277
115	Pediatric Thrombectomy. <i>Stroke</i> , 2021, 52, 1511-1519.	1.0	9
116	Late Pediatric Mechanical Thrombectomy for Embolic Stroke as Bridge Reinforcement From LVAD to Heart Transplantation. <i>JACC: Case Reports</i> , 2021, 3, 686-689.	0.3	2
117	Quality of Life in Physical, Social, and Cognitive Domains Improves With Endovascular Therapy in the DEFUSE 3 Trial. <i>Stroke</i> , 2021, 52, 1185-1191.	1.0	7
118	Current perspectives on neuroimaging techniques used to identify stroke mimics in clinical practice. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 517-531.	1.4	2
119	Differences between proximal and distal M1 occlusions after mechanical thrombectomy. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 1-7.	0.8	3
120	Care of the Patient With Acute Ischemic Stroke (Endovascular/Intensive Care Unit-Postinterventional) From the American Heart Association. <i>Stroke</i> , 2021, 52, e198-e210.	1.0	11
121	Early diagnosis of mortality using admission CT perfusion in severe traumatic brain injury patients (ACT-TBI): protocol for a prospective cohort study. <i>BMJ Open</i> , 2021, 11, e047305.	0.8	8
122	Favorable outcome of repeat mechanical thrombectomy in a geriatric patient: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 1, .	0.1	0
123	Mechanical thrombectomy is efficacious in patients with pre-stroke moderate disability. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 858-863.	0.9	5
124	Inadvertent hypothermia after endovascular therapy is not associated with improved outcome in stroke due to anterior circulation large vessel occlusion. <i>European Journal of Neurology</i> , 2021, 28, 2479-2487.	1.7	1
125	Re-Evaluating Stroke Systems of Care: Association of Transfer Status With Thrombectomy Outcomes at an Urban Comprehensive Stroke Center. <i>Cureus</i> , 2021, 13, e16732.	0.2	1
126	Emerging role of white matter lesions in cerebrovascular disease. <i>European Journal of Neuroscience</i> , 2021, 54, 5531-5559.	1.2	20
127	Restart TICrH: An Adaptive Randomized Trial of Time Intervals to Restart Direct Oral Anticoagulants after Traumatic Intracranial Hemorrhage. <i>Journal of Neurotrauma</i> , 2021, 38, 1791-1798.	1.7	10
128	Two-way comparison of brain perfusion image processing software for patients with acute ischemic strokes in real-world. <i>Neuroradiology</i> , 2021, , 1.	1.1	5
129	Delayed Neurological Improvement After Full Endovascular Reperfusion in Acute Anterior Circulation Ischemic Stroke. <i>Stroke</i> , 2021, 52, 2210-2217.	1.0	9



#	ARTICLE	IF	CITATIONS
130	Artificial Intelligence shaping the future of neurology practice. Medical Journal Armed Forces India, 2021, 77, 276-282.	0.3	9
131	Leukoaraiosis severity and postâ€reperfusion outcomes in acute ischaemic stroke: A metaâ€analysis. Acta Neurologica Scandinavica, 2021, , .	1.0	17
132	Treatment Challenges in Acute Minor Ischemic Stroke. Frontiers in Neurology, 2021, 12, 723637.	1.1	7
133	Precise segmentation of non-enhanced computed tomography in patients with ischemic stroke based on multi-scale U-Net deep network model. Computer Methods and Programs in Biomedicine, 2021, 208, 106278.	2.6	11
134	Repaso anatÃ³mico de la arteria cerebral media en la era de la trombectomÃa: una herramienta radiolÃ³gica basada en la angio-TC y la TC perfusiÃ³n. Radiologia, 2021, 63, 505-511.	0.3	0
135	Automated Brain Perfusion Imaging in Acute Ischemic Stroke: Interpretation Pearls and Pitfalls. Stroke, 2021, 52, 3728-3738.	1.0	14
136	Design of Stroke-Related Clinical Trials. , 2022, , 944-955.e3.		0
137	Clinical Translation of Cell Therapies in Stroke (CT2S) Checklistâ€a pragmatic tool to accelerate development of cell therapy products. Stem Cell Research and Therapy, 2021, 12, 93.	2.4	1
138	Telerobotic stroke intervention: a novel solution to the care dissemination dilemma. Journal of Neurosurgery, 2020, 132, 971-978.	0.9	20
139	Assessment of the value of 3Dâ€™DSA combined with neurointerventional thrombolysis in the treatment of senile cerebrovascular occlusion. Experimental and Therapeutic Medicine, 2020, 19, 891-896.	0.8	2
140	Rapid processing of perfusion and diffusion for ischemic strokes in the extended time window: An Indian experience. Annals of Indian Academy of Neurology, 2019, 22, 96.	0.2	3
141	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Neurointervention, 2019, 14, 71-81.	0.5	14
142	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Journal of Stroke, 2019, 21, 231-240.	1.4	44
143	Spasm, stenosis and shelves: balloon-assisted tracking techniques in endovascular interventions. Journal of Cerebrovascular and Endovascular Neurosurgery, 2020, 22, 26-30.	0.2	3
144	Interaction between stroke severity and quality indicators of acute stroke care: a single-center retrospective analysis. Acta Neurologica Belgica, 2022, 122, 173-180.	0.5	4
146	Delayed reperfusion therapy for ischemic stroke tandem occlusion with subsequent secondary prophylaxis of cerebral ischemic events: A case report and literature review. Radiology Case Reports, 2021, 16, 3708-3720.	0.2	0
147	Acute CT/MRI perfusion imaging in reperfusion therapy. Nosotchu, 2019, 41, 52-57.	0.0	2
148	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Journal of the Korean Neurological Association, 2020, 38, 77-87.	0.0	3

#	ARTICLE	IF	CITATIONS
149	Precision Medicine in Acute Brain Injury: A Narrative Review. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, e14-e23.	0.6	1
150	Preprocedural Imaging. <i>Clinical Neuroradiology</i> , 2022, 32, 13-24.	1.0	4
151	Time-Based Decision Making for Reperfusion in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 728012.	1.1	2
152	Previous Disability and Benefit of Acute Phase Therapy in Functional Prognosis of Selected Patients with Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106183.	0.7	1
153	Applications of artificial intelligence for DWI and PWI data processing in acute ischemic stroke: Current practices and future directions. <i>Clinical Imaging</i> , 2022, 81, 79-86.	0.8	11
154	Acute Ischemic Stroke. , 2020, , 209-237.		1
155	Perfusion Imaging Collateral Scores Predict Infarct Growth in Non-Reperused DEFUSE 3 Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106208.	0.7	14
156	A review of the anatomy of the middle cerebral artery for the era of thrombectomy: A radiologic tool based on CT angiography and perfusion CT. <i>Radiologia</i> , 2021, 63, 505-511.	0.3	1
157	Status of Treatment of Ischemic Stroke Caused by Intracranial Arterial Degeneration. <i>Advances in Clinical Medicine</i> , 2021, 11, 5860-5865.	0.0	0
158	Lean six sigma and stroke in rural hospital – The case of Baruch Padeh Medical Center. <i>International Journal of Health Care Quality Assurance</i> , 2022, 35, 21-37.	0.2	4
159	The impact of brain atrophy on the outcomes of mechanical thrombectomy. <i>British Journal of Radiology</i> , 2022, 95, 20210494.	1.0	2
160	Mechanical Thrombectomy Access for All? Challenges in Increasing Endovascular Treatment for Acute Ischemic Stroke in the United States. <i>Journal of Stroke</i> , 2022, 24, 41-48.	1.4	13
162	è,,³ç¥žçµŒĒ–ç\$‘ă•è,,³ă¾⁴ªç’ò»£è-ĸ”ç©¶. <i>Japanese Journal of Neurosurgery</i> , 2022, 31, 39-41.	0.0	0
163	General Anesthesia <i>versus</i> Sedation, Both with Hemodynamic Control, during Intraarterial Treatment for Stroke: The GASS Randomized Trial. <i>Anesthesiology</i> , 2022, 136, 567-576.	1.3	37
164	Basilar artery on computed tomography angiography score and clinical outcomes in acute basilar artery occlusion. <i>Journal of Neurology</i> , 2022, 269, 3810-3820.	1.8	2
165	Incidence and Natural History of Pediatric Large Vessel Occlusion Stroke. <i>JAMA Neurology</i> , 2022, 79, 488.	4.5	18
166	Clinical and radiological factors predicting stroke outcome after successful mechanical intervention in anterior circulation. <i>European Heart Journal Supplements</i> , 2022, 24, B48-B52.	0.0	6
167	Deep learning-based detection and segmentation of diffusion abnormalities in acute ischemic stroke. <i>Communications Medicine</i> , 2021, 1, .	1.9	24

#	ARTICLE	IF	CITATIONS
169	Utilization of Telestroke Prior to and Following the COVID-19 Pandemic. <i>Seminars in Neurology</i> , 2022, 42, 003-011.	0.5	3
170	Traumatic brain injury and in-hospital mortality- CT perfusion and beyond. , 2022, , 3-13.		0
171	Navigating Supply Chain Disruptions of Iodinated Contrast Agent for Neuroimaging and How Business Intelligence Can Help the Decision Process. <i>American Journal of Neuroradiology</i> , 2022, 43, 944-950.	1.2	14
172	Results of mechanical thrombectomy in acuted ischemic stroke patients due to large vessel occlusionsat Bach Mai Hospital: Sharing experiences from 227 cases. <i>Tap Chi Nghien Cuu Y Hoc</i> , 2022, 154, 28-36.	0.0	0
173	Diagnosis of Ischemic Stroke: As Simple as Possible. <i>Diagnostics</i> , 2022, 12, 1452.	1.3	2
174	INFLUENCE of Revascularization Attempts on Clinical Outcomes of Mechanical Thrombectomy Patients and its Economic BURDEN. , 2022, 2, .		0
175	Prediction of hemorrhagic cerebral hyperperfusion syndrome after direct bypass surgery in adult nonhemorrhagic moyamoya disease: combining quantitative parameters on RAPID perfusion CT with clinically related factors. <i>Journal of Neurosurgery</i> , 2023, 138, 683-692.	0.9	3
176	Novel imaging markers for altered cerebrovascular morphology in aging, stroke, and Alzheimer's disease. <i>Journal of Neuroimaging</i> , 2022, 32, 956-967.	1.0	4
177	Prediction of 90 day home time among patients with low baseline ASPECTS undergoing endovascular thrombectomy: results from Alberta's Provincial Stroke Registry (QulCR). <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 801-807.	2.0	3
178	Multicenter investigation of technical and clinical outcomes after thrombectomy for distal vessel occlusion by frontline technique. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, e93-e101.	2.0	7
179	Lung perfusion disturbances in nonhospitalized post-COVID with dyspnea—A magnetic resonance imaging feasibility study. <i>Journal of Internal Medicine</i> , 2022, 292, 941-956.	2.7	12
180	Pediatric Stroke and Cardiac Disease: Challenges in Recognition and Management. <i>Seminars in Pediatric Neurology</i> , 2022, , 100992.	1.0	2
181	CT Brain Perfusion in the Prediction of Final Infarct Volume: A Prospective Study of Different Software Settings for Acute Ischemic Core Calculation. <i>Diagnostics</i> , 2022, 12, 2290.	1.3	3
182	Prehospital Stroke Detection Devices: A Bibliometric Analysis of Current Trends. <i>World Neurosurgery</i> , 2022, 167, e1360-e1375.	0.7	1
183	Potential mechanisms of acupuncture in enhancing cerebral perfusion of ischemic stroke. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
184	A New Paradigm for Neuroprotection Clinical Trials for Acute Ischemic Stroke. <i>Translational Stroke Research</i> , 0, , .	2.3	0
185	The Application of Software "Rapid Processing of Perfusion and Diffusion" in Acute Ischemic Stroke. <i>Brain Sciences</i> , 2022, 12, 1451.	1.1	3
186	Multicenter investigation of technical and clinical outcomes after thrombectomy for Proximal Medium Vessel Occlusion (pMeVO) by frontline technique. <i>Interventional Neuroradiology</i> , 0, , 15910192211381.	0.7	1

#	ARTICLE	IF	CITATIONS
187	Impact of the Alberta Stroke Program CT Score subregions on long-term functional outcomes in acute ischemic stroke: Results from two multicenter studies in China. <i>Journal of Translational Internal Medicine</i> , 2022, .	1.0	0
188	Stroke Outcomes and Hyperacute Treatment Utilization in Multiple Sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2023, 69, 104444.	0.9	0
189	Factors Predicting Misidentification of Acute Ischemic Stroke and Large Vessel Occlusion by Paramedics. <i>Critical Pathways in Cardiology</i> , 2022, 21, 172-175.	0.2	0
190	Multicentric validation of a reduced features case-mix set for predicting functional outcome after ischemic stroke in Belgium. <i>Acta Neurologica Belgica</i> , 0, , .	0.5	1
191	Periprocedure Management of Blood Pressure After Acute Ischemic Stroke. <i>Journal of Neurosurgical Anesthesiology</i> , 2023, 35, 4-9.	0.6	3
192	Recombinant Human Perlecan DV and Its LG3 Subdomain Are Neuroprotective and Acutely Functionally Restorative in Severe Experimental Ischemic Stroke. <i>Translational Stroke Research</i> , 2023, 14, 941-954.	2.3	3
193	Mothership vs. drip-and-ship: evaluation of initial treatment strategies for acute ischemic stroke in a well-developed network of specialized hospitals. <i>Neurological Research</i> , 0, , 1-7.	0.6	1
194	Predicting Hypoperfusion Lesion and Target Mismatch in Stroke from Diffusion-weighted MRI Using Deep Learning. <i>Radiology</i> , 2023, 307, .	3.6	10
195	Activin A alleviates neuronal injury through inhibiting cGAS-STING-mediated autophagy in mice with ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 736-748.	2.4	6
196	Pictorial Review on Imaging Findings in Cerebral CTP in Patients with Acute Stroke and Its Mimics: A Primer for General Radiologists. <i>Diagnostics</i> , 2023, 13, 447.	1.3	3
197	FLAIR vascular hyperintensity-DWI mismatch and DWI-FLAIR mismatch ASPECTS for prediction of good outcome after recanalization in anterior circulation stroke; multicenter observational study. <i>European Journal of Radiology</i> , 2023, 163, 110837.	1.2	0
198	Postoperative stroke assessment inconsistencies in cardiac surgery: Contributors to higher stroke-related mortality?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 107057.	0.7	0
199	Prediction of Poor Outcome after Successful Thrombectomy in Patients with Severe Acute Ischemic Stroke: A Pilot Retrospective Study. <i>Neurology International</i> , 2023, 15, 225-237.	1.3	1
200	Efficacy of recanalization therapy for ischemic stroke: multicenter hospital network experience. <i>Radiologia Medica</i> , 2023, 128, 357-361.	4.7	0
201	CT Perfusion as a Predictor of the Final Infarct Volume in Patients with Tandem Occlusion. <i>Journal of Personalized Medicine</i> , 2023, 13, 342.	1.1	3
202	Identifying patients with acute ischemic stroke within a 6-h window for the treatment of endovascular thrombectomy using deep learning and perfusion imaging. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	3
203	Effect of Alteplase on Ischemic Stroke Mortality Is Dependent on Stroke Severity. <i>Annals of Neurology</i> , 2023, 93, 1106-1116.	2.8	0
204	Transferring Patients From a Primary Stroke Center to Higher Levels of Care: A Qualitative Study of Stroke Coordinators's Experiences. , 0, , .		0

#	ARTICLE	IF	CITATIONS
205	A retrospect and outlook on the neuroprotective effects of anesthetics in the era of endovascular therapy. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
206	The Relationship Between Neuron-Specific Enolase and Clinical Outcomes in Patients Undergoing Mechanical Thrombectomy. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 19, 709-719.	1.0	1
207	A RAPID Checklist: Understanding Pitfalls and Artifacts in Stroke. <i>Neurographics</i> , 2023, 13, 27-34.	0.0	1
236	Acute Ischemic Stroke. , 2024, , 71-78.		0