

# Prehospital Use of Magnesium Sulfate as Neuroprotecti

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Calcium, Hypercalcemia, Magnesium, and Brain Ischemia. , 0, , 418-428.		0
3	Cerebral protection during neurosurgery and stroke. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 532-536.	2.0	21
4	Magnesium in Prevention and Therapy. <i>Nutrients</i> , 2015, 7, 8199-8226.	4.1	602
5	Combined neurothrombectomy or thrombolysis with adjunctive delivery of 3K3A-activated protein C in acute ischemic stroke. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 344.	3.7	20
6	The Good News, Bad News About Magnesium Sulfate. <i>Neurology Today: an Official Publication of the American Academy of Neurology</i> , 2015, 15, 1.	0.0	0
7	Timing of Blood Pressure Lowering in Acute Ischemic Stroke. <i>Current Atherosclerosis Reports</i> , 2015, 17, 42.	4.8	6
8	Effect of Blood Pressure Lowering in Early Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1883-1889.	2.0	96
9	Early Magnesium Treatment After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 3190-3193.	2.0	27
10	Response to Letter Regarding Article, "Art of Expertise in Stroke Telemedicine: Imaging and the Collaterome" <i>Stroke</i> , 2015, 46, e152.	2.0	0
11	Routing Ambulances to Designated Centers Increases Access to Stroke Center Care and Enrollment in Prehospital Research. <i>Stroke</i> , 2015, 46, 2886-2890.	2.0	20
12	From Delivering the Patient to the Hospital to Delivering the Hospital to the Patient: Acute Stroke Therapy in an Ambulance. <i>World Neurosurgery</i> , 2015, 84, 204-205.	1.3	2
13	Prehospital stroke care: telemedicine, thrombolysis and neuroprotection. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 753-761.	2.8	6
14	Thrombectomy within 8 Hours after Symptom Onset in Ischemic Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 2296-2306.	27.0	4,059
15	Endovascular Therapy for Stroke " It's about Time. <i>New England Journal of Medicine</i> , 2015, 372, 2347-2349.	27.0	93
16	The Role of Excitotoxic Programmed Necrosis in Acute Brain Injury. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 212-221.	4.1	89
17	Neuroprotection After Major Cardiovascular Surgery. <i>Current Treatment Options in Neurology</i> , 2015, 17, 357.	1.8	10
18	Stent-Retriever Thrombectomy for Stroke. <i>New England Journal of Medicine</i> , 2015, 373, 1076-1078.	27.0	63
19	Effect of Hyperacute Administration (Within 6 Hours) of Transdermal Glycerol Trinitrate, a Nitric Oxide Donor, on Outcome After Stroke. <i>Stroke</i> , 2015, 46, 3194-3201.	2.0	88

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22	Imaging of prehospital stroke therapeutics. Expert Review of Cardiovascular Therapy, 2015, 13, 1001-1015.	1.5	9
23	Hypomagnesemia in Intracerebral Hemorrhage. World Neurosurgery, 2015, 84, 1929-1932.	1.3	14
24	A primer of neurologic emergencies: summary from the American Thoracic Society Meeting 2016. Journal of Thoracic Disease, 2016, 8, S576-S578.	1.4	0
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38	Characteristics and Outcomes of Very Elderly Enrolled in a Prehospital Stroke Research Study. Stroke, 2016, 47, 2737-2741.	2.0	11
39	Inclusion of Older People in Trials. Stroke, 2016, 47, 2679-2680.	2.0	0
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41	Blood pressure management in acute stroke. Stroke and Vascular Neurology, 2016, 1, 72-82.	3.3	58

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43	Endovascular Interventional Cardiology: 2015 in Review. <i>Journal of Interventional Cardiology</i> , 2016, 29, 5-10.	1.2	2
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47	Gestione dell'infarto cerebrale acuto. <i>EMC - Neurologia</i> , 2016, 16, 1-22.	0.0	0
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49	Using animal models to improve care of neonatal encephalopathy. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2016, 101, 271-276.	0.5	9
50	Neurothrombectomy in acute ischaemic stroke: a prospective single-centre study and comparison with randomized controlled trials. <i>European Journal of Neurology</i> , 2016, 23, 807-816.	3.3	30
51	The effect of ethyl pyruvate and N-acetylcysteine on ischemia-reperfusion injury in an experimental model of ischemic stroke. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1804-1807.	1.6	24
52	IV thrombolysis for acute ischemic stroke. <i>Neurology</i> , 2016, 87, 132-133.	1.1	0
53	A low-cost, tablet-based option for prehospital neurologic assessment. <i>Neurology</i> , 2016, 87, 19-26.	1.1	56
54	Therapeutics targeting the inflammasome after central nervous system injury. <i>Translational Research</i> , 2016, 167, 35-45.	5.0	85
55	Vitamins and nutrients as primary treatments in experimental brain injury: Clinical implications for nutraceutical therapies. <i>Brain Research</i> , 2016, 1640, 114-129.	2.2	50
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61	Clinical diagnostic tools for screening of perioperative stroke in general surgery: a systematic review. <i>British Journal of Anaesthesia</i> , 2016, 116, 328-338.	3.4	29
62	Preclinical neuroprotective actions of xenon and possible implications for human therapeutics: a narrative review. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 212-226.	1.6	23
63	Enrollment Yield and Reasons for Screen Failure in a Large Prehospital Stroke Trial. <i>Stroke</i> , 2016, 47, 232-235.	2.0	11
64	Magnesium sulfate protects oligodendrocyte lineage cells in a rat cell-culture model of hypoxic-ischemic injury. <i>Neuroscience Research</i> , 2016, 106, 66-69.	1.9	19
65	Outcomes in neuroanesthesia: What matters most?. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 205-211.	1.6	22
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73	Acute Ischemic Stroke Therapy Overview. <i>Circulation Research</i> , 2017, 120, 541-558.	4.5	260
74	Mobile stroke units for prehospital thrombolysis, triage, and beyond: benefits and challenges. <i>Lancet Neurology</i> , The, 2017, 16, 227-237.	10.2	164
75	Current and future perspectives on the treatment of cerebral ischemia. <i>Expert Opinion on Pharmacotherapy</i> , 2017, 18, 573-580.	1.8	28
76	Admission Low Magnesium Level Is Associated with In-Hospital Mortality in Acute Ischemic Stroke Patients. <i>Cerebrovascular Diseases</i> , 2017, 44, 35-42.	1.7	24
77	Combining Neuroprotection With Endovascular Treatment of Acute Stroke. <i>Stroke</i> , 2017, 48, 1700-1705.	2.0	44

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79	Neuroprotection in the Treatment of Acute Ischemic Stroke. <i>Progress in Cardiovascular Diseases</i> , 2017, 59, 542-548.	3.1	126
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89	Maternal administration of magnesium sulfate promotes cell proliferation in hippocampus dentate gyrus in offspring mice after exposing to prenatal stress. <i>International Journal of Developmental Neuroscience</i> , 2017, 56, 52-57.	1.6	0
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96	Chinese herbal medicine Dengzhan Xixin injection for acute ischemic stroke: A systematic review and meta-analysis of randomised controlled trials. <i>Complementary Therapies in Medicine</i> , 2017, 34, 74-85.	2.7	25
97	Reconsidering Neuroprotection in the Reperfusion Era. <i>Stroke</i> , 2017, 48, 3413-3419.	2.0	125
98	Dodecafluoropentane Improves Neurological Function Following Anterior Ischemic Stroke. <i>Molecular Neurobiology</i> , 2017, 54, 4764-4770.	4.0	10
99	Vascular Neurology Board Review. , 2017, , .		1
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101	Magnesium Sulfate Provides Neuroprotection in Eclampsia-Like Seizure Model by Ameliorating Neuroinflammation and Brain Edema. <i>Molecular Neurobiology</i> , 2017, 54, 7938-7948.	4.0	32
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108	A 20-year Review: The Use of Exception From Informed Consent and Waiver of Informed Consent in Emergency Research. <i>Academic Emergency Medicine</i> , 2018, 25, 1169-1177.	1.8	40
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131	Implications for New Trials in Acute Ischemic Stroke in the New Era of Endovascular Therapy. , 2018, , 305-313.		0
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133	Specific Treatments for Major Acute Ischemic Stroke. , 2018, , 307-327.		0
134	Frequency, Predictors, and Outcomes of Prehospital and Early Postarrival Neurological Deterioration in Acute Stroke. <i>JAMA Neurology</i> , 2018, 75, 1364.	9.0	49



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136	Functional Assessment for Acute Stroke Trials: Properties, Analysis, and Application. <i>Frontiers in Neurology</i> , 2018, 9, 191.	2.4	49
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143	Subject Retention in Prehospital Stroke Research Using a Telephone-Based Physician-Investigator Driven Enrollment Method. <i>Cerebrovascular Diseases Extra</i> , 2019, 9, 72-76.	1.5	1
144	Multicentre Randomised trial of Acute Stroke treatment in the Ambulance with a nitroglycerin Patch (MR ASAP): study protocol for a randomised controlled trial. <i>Trials</i> , 2019, 20, 383.	1.6	20
145	Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2019, 50, e344-e418.	2.0	3,733
146	Central Nervous System Electrical Stimulation for Neuroprotection in Acute Cerebral Ischemia. <i>Stroke</i> , 2019, 50, 2892-2901.	2.0	10
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150	Serum magnesium level and hematoma expansion in patients with intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2019, 398, 39-44.	0.6	25
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154	Intravenous Magnesium Sulfate in Acute Stroke. <i>Stroke</i> , 2019, 50, 931-938.	2.0	17
155	Stroke Treatment Academic Industry Roundtable X. <i>Stroke</i> , 2019, 50, 1026-1031.	2.0	120
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160	&lt;p&gt;Treatment Of Magnesium-L-Threonate Elevates The Magnesium Level In The Cerebrospinal Fluid And Attenuates Motor Deficits And Dopamine Neuron Loss In A Mouse Model Of Parkinson&#x2019;s disease&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 3143-3153.	2.2	20
161	Dodecafluoropentane Emulsion in Acute Ischemic Stroke: A Phase Ib/II Randomized and Controlled Dose-Escalation Trial. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1244-1250.e1.	0.5	14
162	Neuroprotective agents in Acute Ischemic Stroke&#x201c;A Reality Check. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2539-2547.	5.6	24
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164	Ambulance-delivered transdermal glyceryl trinitrate versus sham for ultra-acute stroke: Rationale, design and protocol for the Rapid Intervention with Glyceryl trinitrate in Hypertensive stroke Trial-2 (RIGHT-2) trial (ISRCTN26986053). <i>International Journal of Stroke</i> , 2019, 14, 191-206.	5.9	20
165	Magnesium sulfate attenuates brain edema by lowering AQP4 expression and inhibits glia-mediated neuroinflammation in a rodent model of eclampsia. <i>Behavioural Brain Research</i> , 2019, 364, 403-412.	2.2	14
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169	The Hazard of Negative (Not Neutral) Trials on Treatment of Acute Stroke. <i>JAMA Neurology</i> , 2020, 77, 114.	9.0	4
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