

# Efficacy and Safety of Methylprednisolone Sodium Succinate Systematic Review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessment and management of acute spinal cord injury: From point of injury to rehabilitation. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 665-675.	0.7	214
3	Inosine â€“ a Multifunctional Treatment for Complications of Neurologic Injury. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2293-2303.	1.1	30
4	Schwann Cell Transplantation Subdues the Pro-Inflammatory Innate Immune Cell Response after Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2550.	1.8	32
5	Methylprednisolone treatment enhances early recovery following surgical decompression for degenerative cervical myelopathy without compromise to the systemic immune system. <i>Journal of Neuroinflammation</i> , 2018, 15, 222.	3.1	33
6	High-dose methylprednisolone for acute traumatic spinal cord injury. <i>Neurology</i> , 2019, 93, e841-e850.	1.5	124
7	The influence of head injury on olfactory and gustatory function. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019, 164, 409-429.	1.0	24
8	Glia in amyotrophic lateral sclerosis and spinal cord injury: common therapeutic targets. <i>Croatian Medical Journal</i> , 2019, 60, 109-120.	0.2	15
9	Functional Multipotency of Stem Cells and Recovery Neurobiology of Injured Spinal Cords. <i>Cell Transplantation</i> , 2019, 28, 451-459.	1.2	22
10	Association of Pneumonia, Wound Infection, and Sepsis with Clinical Outcomes after Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 3044-3050.	1.7	38
11	Current Developments in Antioxidant Therapies for Spinal Cord Injury. , 0, , .		0
12	Acute Adverse Events After Spinal Cord Injury and Their Relationship to Long-term Neurologic and Functional Outcomes: Analysis From the North American Clinical Trials Network for Spinal Cord Injury. <i>Critical Care Medicine</i> , 2019, 47, e854-e862.	0.4	18
13	Timing of Surgery in Thoracolumbar Spine Injury: Impact on Neurological Outcome. <i>Global Spine Journal</i> , 2020, 10, 826-831.	1.2	12
14	Neuroprotective Agents as an Adjuvant Treatment in Patients With Acute Spinal Cord Injuries. <i>Clinical Spine Surgery</i> , 2020, 33, 65-75.	0.7	10
15	The principles of the advanced trauma life support (ATLS) framework in spinal trauma. <i>Orthopaedics and Trauma</i> , 2020, 34, 305-314.	0.2	3
16	A novel CX3CR1 inhibitor AZD8797 facilitates early recovery of rat acute spinal cord injury by inhibiting inflammation and apoptosis. <i>International Journal of Molecular Medicine</i> , 2020, 45, 1373-1384.	1.8	21
17	Current Approaches to the Management of Acute Thoracolumbar Disc Extrusion in Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 610.	0.9	36
18	Emerging and Adjunctive Therapies for Spinal Cord Injury Following Acute Canine Intervertebral Disc Herniation. <i>Frontiers in Veterinary Science</i> , 2020, 7, 579933.	0.9	8
19	Methylprednisolone Reduces Persistent Post-ischemic Inflammation in a Rat Hypoxia-Ischemia Model of Perinatal Stroke. <i>Translational Stroke Research</i> , 2020, 11, 1117-1136.	2.3	21

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20	Fatty Acid Based Polyamide for Application in Drug Delivery System: Synthesis, Characterization, Drug Loading and In Vitro Drug Release Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2520-2532.	1.9	4
21	Guideline for diagnosis and treatment of spine trauma in the epidemic of COVID-19. <i>Chinese Journal of Traumatology - English Edition</i> , 2020, 23, 196-201.	0.7	11
22	Quality and Safety Improvement in Spine Surgery. <i>Global Spine Journal</i> , 2020, 10, 175-285.	1.2	9
23	Journal Club: High-dose methylprednisolone for acute traumatic spinal cord injury. <i>Neurology</i> , 2020, 95, 272-274.	1.5	8
24	Nonsteroidal Anti-Inflammatory Drugs and Their Neuroprotective Role After an Acute Spinal Cord Injury: A Systematic Review of Animal Models. <i>Global Spine Journal</i> , 2021, 11, 365-377.	1.2	15
25	Intravenous transplantation of olfactory ensheathing cells reduces neuroinflammation after spinal cord injury via interleukin-1 receptor antagonist. <i>Theranostics</i> , 2021, 11, 1147-1161.	4.6	24
26	Transplantation of tauroursodeoxycholic acid-inducing M2 phenotype macrophages promotes an anti-neuroinflammatory effect and functional recovery after spinal cord injury in rats. <i>Cell Proliferation</i> , 2021, 54, e13050.	2.4	29
27	Rationally Designed, Self-Assembling, Multifunctional Hydrogel Depot Repairs Severe Spinal Cord Injury. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100242.	3.9	22
28	A Systematic Review of Safety Reporting in Acute Spinal Cord Injury Clinical Trials: Challenges and Recommendations. <i>Journal of Neurotrauma</i> , 2021, 38, 2047-2054.	1.7	4
29	Biomaterial Strategies to Bolster Neural Stem Cell-Mediated Repair of the Central Nervous System. <i>Cells Tissues Organs</i> , 2022, 211, 655-669.	1.3	14
30	The Protein Kinase Inhibitor Midostaurin Improves Functional Neurological Recovery and Attenuates Inflammatory Changes Following Traumatic Cervical Spinal Cord Injury. <i>Biomolecules</i> , 2021, 11, 972.	1.8	5
31	Pathological changes and repair strategies for spinal cord injury. <i>Scientia Sinica Vitae</i> , 2022, 52, 1472-1483.	0.1	1
33	Comparison of systemic and localized carrier-mediated delivery of methylprednisolone succinate for treatment of acute spinal cord injury. <i>Experimental Brain Research</i> , 2021, 239, 627-638.	0.7	12
34	Subcutaneous granulocyte colony-stimulating factor administration for subacute traumatic spinal cord injuries, report of neurological and functional outcomes: a double-blind randomized controlled clinical trial. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 19-30.	0.9	14
35	Intensive Care Management of Traumatic Spine Injury. , 2019, , 167-173.		0
36	Letter to the Editor. Education and evidence-based medicine in neurosurgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 126-128.	0.9	2
37	The MAPK Signaling Pathway Presents Novel Molecular Targets for Therapeutic Intervention after Traumatic Spinal Cord Injury: A Comparative Cross-Species Transcriptional Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12934.	1.8	4
38	Methylprednisolone therapy in acute spinal cord injuries. <i>Srpski Medicinski Äasopis Lekarske Komore</i> , 2021, 2, 409-415.	0.1	0

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39	Controversies in cervical spine trauma: The role of timing of surgical decompression and the use of methylprednisolone sodium succinate in spinal cord injury. A narrative and updated systematic review. <i>Indian Spine Journal</i> , 2022, 5, 47.	0.2	2
40	Application of Modest Hypothermia in Patients with Acute Traumatic Cervical Spine Injury: A Pilot Study. <i>Spine Surgery and Related Research</i> , 2022, 6, 453-459.	0.4	1
41	Polymeric Fibers as Scaffolds for Spinal Cord Injury: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 807533.	2.0	6
45	Repair of the Injured Spinal Cord by Schwann Cell Transplantation. <i>Frontiers in Neuroscience</i> , 2022, 16, 800513.	1.4	6
46	Developing Novel Therapies for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 7]: Opportunities From Restorative Neurobiology. <i>Global Spine Journal</i> , 2022, 12, 109S-121S.	1.2	8
47	High drug-loaded microspheres enabled by controlled in-droplet precipitation promote functional recovery after spinal cord injury. <i>Nature Communications</i> , 2022, 13, 1262.	5.8	39
48	Spinal cord injury: a study protocol for a systematic review and meta-analysis of microRNA alterations. <i>Systematic Reviews</i> , 2022, 11, 61.	2.5	3
49	The Potential Therapeutic Effects of Agmatine, Methylprednisolone, and Rapamycin on Experimental Spinal Cord Injury. <i>Cell Journal</i> , 2021, 23, 701-707.	0.2	3
50	Neurovascular pathology following traumatic spinal cord injury. , 2022, , 119-132.		0
51	Mesenchymal Stromal Cell Therapy in Spinal Cord Injury: Mechanisms and Prospects. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	6
52	Pharmacologic and Acute Management of Spinal Cord Injury in Adults and Children. <i>Current Treatment Options in Neurology</i> , 2022, 24, 285-304.	0.7	9
53	Supplementation With Vitamin E, Zinc, Selenium, and Copper Re-Establishes T-Cell Function and Improves Motor Recovery in a Rat Model of Spinal Cord Injury. <i>Cell Transplantation</i> , 2022, 31, 096368972211098.	1.2	7
54	Main Cations and Cellular Biology of Traumatic Spinal Cord Injury. <i>Cells</i> , 2022, 11, 2503.	1.8	6
55	Is Graphene Shortening the Path toward Spinal Cord Regeneration?. <i>ACS Nano</i> , 2022, 16, 13430-13467.	7.3	16
56	Differences in the Practice of Traumatic Spinal Cord Injury Management Among Spine Surgeons in Saudi Arabia. <i>International Journal of Spine Surgery</i> , 0, , 8340.	0.7	0
57	Trehaloseâ€Carnosine Prevents the Effects of Spinal Cord Injury Through Regulating Acute Inflammation and Zinc(II) Ion Homeostasis. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1637-1659.	1.7	2
58	Therapeutic Effect of Biomimetic Scaffold Loaded with Human Amniotic Epithelial Cell-Derived Neural-like Cells for Spinal Cord Injury. <i>Bioengineering</i> , 2022, 9, 535.	1.6	4
59	The role of immune cells and associated immunological factors in the immune response to spinal cord injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4

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60	Regulation of axonal regeneration after mammalian spinal cord injury. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 396-413.	16.1	40
61	Trends in the Use of Corticosteroids in the Management of Acute Spinal Cord Injury in North American Clinical Trials Network Sites. <i>Journal of Neurotrauma</i> , 2023, 40, 1938-1947.	1.7	3
62	Methylprednisolone in acute traumatic spinal cord injury: case-matched outcomes from the NASCIS2 and Sygen historical spinal cord injury studies with contemporary statistical analysis. <i>Journal of Neurosurgery: Spine</i> , 2023, , 1-12.	0.9	1
63	Moonlighting chromatin: when DNA escapes nuclear control. <i>Cell Death and Differentiation</i> , 2023, 30, 861-875.	5.0	8
64	Clinical Trials Targeting Secondary Damage after Traumatic Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3824.	1.8	9
67	Spinal cord injury: molecular mechanisms and therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	31
69	RÄ¼ckenmarkverletzung und QuerschnittlÄ¼hmung. , 2023, , 839-845.		0