

The Use of Somatosensory Evoked Potentials to Determine Patient Positioning and Impending Upper Extremity Nerve Injury: A Retrospective Analysis

Anesthesia and Analgesia

102, 1538-1542

DOI: [10.1213/01.ane.0000198666.11523.d6](https://doi.org/10.1213/01.ane.0000198666.11523.d6)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Soft Cervical Collar May Help Prevent Neck Sprain or Nerve Injury from Occurring After Surgery in the Lateral Decubitus Position. <i>Anesthesia and Analgesia</i> , 2006, 103, 1635-1636.	1.1	4
2	Neuroanesthesiology Review-2006. <i>Journal of Neurosurgical Anesthesiology</i> , 2007, 19, 70-92.	0.6	4
3	Transcranial electric motor evoked potential detection of compressional peroneal nerve injury in the lateral decubitus position. <i>Journal of Clinical Monitoring and Computing</i> , 2008, 22, 319-326.	0.7	9
4	Anaesthesia in the prone position. <i>British Journal of Anaesthesia</i> , 2008, 100, 165-183.	1.5	413
5	Superior Vena Cava Compression During Posterior Spinal Fusion for Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 696-700.	1.4	2
6	Evoked Potential Monitoring Identifies Possible Neurological Injury During Positioning for Craniotomy. <i>Anesthesia and Analgesia</i> , 2009, 109, 817-821.	1.1	22
7	Acute management of vascular air embolism. <i>Journal of Emergencies, Trauma and Shock</i> , 2009, 2, 180.	0.3	118
8	Upper-limb somatosensory evoked potential monitoring in lumbosacral spine surgery: a prognostic marker for position-related ulnar nerve injury. <i>Spine Journal</i> , 2009, 9, 287-295.	0.6	69
10	Complicanze delle posizioni intraoperatorie. <i>EMC - Anestesia-Rianimazione</i> , 2009, 14, 1-15.	0.1	0
12	Brachial plexus injury following spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 552-558.	0.9	77
13	Detection and Prevention of Impending Brachial Plexus Injury Secondary to Arm Positioning Using Ulnar Nerve Somatosensory Evoked Potentials During Transaxillary Approach for Thyroid Lobectomy. <i>American Journal of Electroneurodiagnostic Technology</i> , 2011, 51, 274-279.	0.3	32
14	Somatosensory Evoked Potential Monitoring During Endoscopic Endonasal Approach to Skull Base Surgery: Analysis of Observed Changes. <i>Operative Neurosurgery</i> , 2011, 69, ons64-ons76.	0.4	28
15	Intraoperative Use of Somatosensory-Evoked Potential in Monitoring Nerve Roots. <i>Journal of Clinical Neurophysiology</i> , 2012, 29, 110-117.	0.9	23
16	The Usefulness of Intraoperative Neurophysiological Monitoring in Cervical Spine Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 185-190.	0.6	50
19	Complications des postures en anesthésie. <i>Praticien En Anesthésie Réanimation</i> , 2013, 17, 8-19.	0.0	2
20	Preventing Perioperative Peripheral Nerve Injuries. <i>AORN Journal</i> , 2013, 97, 110-124.e9.	0.2	25
21	Somatosensory Evoked Potentials Help Prevent Positioning-Related Brachial Plexus Injury during Skull Base Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 149, 168-173.	1.1	20
22	Predictive Value of Somatosensory Evoked Potential Monitoring during Resection of Intraparenchymal and Intraventricular Tumors Using an Endoscopic Port. <i>Journal of Clinical</i>		

#	ARTICLE	IF	CITATIONS
23	Brachial Plexus Injuries During Shoulder Arthroplasty. Techniques in Shoulder and Elbow Surgery, 2014, 15, 109-114.	0.2	10
24	Self-positioning followed by induction of anaesthesia and insertion of a laryngeal mask airway versus endotracheal intubation and subsequent positioning for spinal surgery in the prone position. European Journal of Anaesthesiology, 2014, 31, 259-265.	0.7	25
25	Somatosensory-evoked potential monitoring during instrumented scoliosis corrective procedures: validity revisited. Spine Journal, 2014, 14, 1572-1580.	0.6	66
26	Minimally Invasive Spinal Deformity Surgery. , 2014, , .		2
28	Proper Patient Positioning and Complication Prevention in Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1135-1140.	1.4	26
29	Use of Somatosensory Evoked Potentials to Detect and Prevent Impending Brachial Plexus Injury during Surgical Positioning for the Treatment of Supratentorial Pathologies. Neurodiagnostic Journal,the, 2014, 54, 260-273.	0.1	6
30	Neurophysiological Monitoring During Spinal Cord Stimulator Placement Surgery. Neuromodulation, 2015, 18, 460-464.	0.4	21
31	Clinical Usefulness of Somatosensory Evoked Potentials for Detection of Peripheral Nerve and Brachial Plexus Injury Secondary to Malpositioning in Microvascular Decompression. Journal of Clinical Neurophysiology, 2015, 32, 512-515.	0.9	11
32	Modified robotic-assisted thyroidectomy: An initial experience with the retroauricular approach. Laryngoscope, 2015, 125, 767-771.	1.1	29
33	Detection of Position-Related Sciatic Nerve Dysfunction by Somatosensory Evoked Potentials During Spinal Surgery. Neurodiagnostic Journal,the, 2015, 55, 82-90.	0.1	3
34	Intraoperative Neurophysiological Monitoring for Endoscopic Endonasal Approaches to the Skull Base: A Technical Guide. Scientifica, 2016, 2016, 1-20.	0.6	16
35	The Use of Somatosensory Evoked Potentials to Determine the Relationship Between Intraoperative Arterial Blood Pressure and Intraoperative Upper Extremity Position-Related Neurapraxia in the Prone Surrender Position During Spine Surgery: A Retrospective Analysis. Anesthesia and Analgesia, 2016, 122, 1423-1433.	1.1	17
36	Causal factors for position-related SSEP changes in spinal surgery. European Spine Journal, 2016, 25, 3208-3213.	1.0	7
37	An update on the prone position: Continuing Professional Development. Canadian Journal of Anaesthesia, 2016, 63, 737-767.	0.7	42
38	Neuromonitoring for cervical disc surgery: Concepts and controversies. Seminars in Spine Surgery, 2016, 28, 90-96.	0.1	0
39	Contemporaneous Evaluation of Intraoperative Ulnar and Median Nerve Somatosensory Evoked Potentials for Patient Positioning: A Review of Four Cases. Neurodiagnostic Journal,the, 2016, 56, 67-82.	0.1	7
40	What Is the Frequency of Intraoperative Alerts During Pediatric Spinal Deformity Surgery Using Current Neuromonitoring Methodology? A Retrospective Study of 218 Surgical Procedures. Neurodiagnostic Journal,the, 2016, 56, 17-31.	0.1	16
41	Postoperative complications of spine surgery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2016, 30, 103-120.	1.7	44

#	ARTICLE	IF	CITATIONS
42	Brachialis syndrome: a rare consequence of patient positioning causing postoperative median neuropathy. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 797-801.	1.2	8
43	Prevention of perioperative limb neuropathies in abdominal free flap breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 48-54.	0.5	6
44	Is the lateral jack-knife position responsible for cases of transient neurapraxia?. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 189-196.	0.9	18
45	Neuroanesthesiology Update. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 97-131.	0.6	1
46	Use of motor evoked potentials during lateral lumbar interbody fusion reduces postoperative deficits. <i>Spine Journal</i> , 2018, 18, 1763-1778.	0.6	50
47	A Comprehensive Protocol to Prevent Brachial Plexus Injury During Ankylosing Spondylitis Surgery. <i>Journal of Perianesthesia Nursing</i> , 2018, 33, 908-914.	0.3	4
48	Intraoperative Neurophysiologic Monitoring for Degenerative Cervical Myelopathy. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 159-167.	0.8	13
49	The Significance of Upper Extremity Neuromonitoring Changes During Thoracolumbar Spine Surgery. <i>Clinical Spine Surgery</i> , 2018, 31, E422-E426.	0.7	3
50	Perioperative Anesthetic and ICU Considerations for Spinal Surgery. , 2018, , 35-48.		0
51	Risk factors for positioning-related somatosensory evoked potential changes in 3946 spinal surgeries. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 333-339.	0.7	1
52	The diagnostic accuracy of somatosensory evoked potentials in evaluating neurological deficits during 1057 lumbar interbody fusions. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 78-83.	0.8	8
53	Somatosensory evoked potential: Preventing brachial plexus injury in transaxillary robotic surgery. <i>Laryngoscope</i> , 2019, 129, 2663-2668.	1.1	13
54	Prone position surgery for a professional sumo wrestler with thoracic ossification of the posterior longitudinal ligament resulting in intraoperative brachial plexus injury by hypertrophic pectoral muscles. <i>Journal of Clinical Neuroscience</i> , 2019, 63, 227-230.	0.8	4
56	Complications of spine surgery for metastasis. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 37-56.	0.6	37
57	Effects of Surgical Positioning on L4-L5 Accessibility and Lumbar Lordosis in Lateral Transpoas Lumbar Interbody Fusion: A Comparison of Prone and Lateral Decubitus in Asymptomatic Adults. <i>World Neurosurgery</i> , 2021, 149, e705-e713.	0.7	20
58	Development of Sciatic Neuropraxia following Abdominal Surgery in 3 Giant Breed Dogs. <i>Case Reports in Veterinary Medicine</i> , 2021, 2021, 1-5.	0.2	0
59	Patient Positioning and Anesthesia. , 2010, , 1151-1170.		9
60	Patient Positioning and Associated Risks. , 2011, , 300-318.		1

#	ARTICLE	IF	CITATIONS
61	Evolving Compartment Syndrome Detected by Loss of Somatosensory- and Motor-evoked Potential Signals During Cervical Spine Surgery. <i>Orthopedics</i> , 2012, 35, e1453-6.	0.5	10
62	Positioning patients for spine surgery: Avoiding uncommon position-related complications. <i>World Journal of Orthopedics</i> , 2014, 5, 425.	0.8	86
64	Neurological Monitoring in Orthopedic Spine Surgery. , 2014, , 153-174.		0
65	Anaesthesiological provision for surgical interventions with the patient in a prone position (a review) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.0	0
67	Role of Neuromonitoring in Minimally Invasive Lateral Approaches to the Spine. , 2014, , 233-243.		0
68	Strengths and Limitations of Intraoperative Motor Evoked Potential Monitoring During Spinal Cord and Spine Surgery. <i>Spinal Surgery</i> , 2014, 28, 40-46.	0.0	2
69	Unanticipated Disturbance in Somatosensory Evoked Potentials in a Patient in Park-Bench Position. <i>Journal of the Turkish Anaesthesiology & Intensive Care Society - JTAICS</i> , 2015, 43, 202-204.	0.1	0
70	Spinal Procedures in the Lateral Position. , 2018, , 149-158.		0
71	Spinal Procedures in the Prone Position. , 2018, , 159-174.		0
72	Complications in Treatment of Spinal Cord Tumors and Prevention Surgical Strategies. , 2019, , 485-509.		1
73	Monitoring Procedures of the Spine. , 2020, , 181-193.		0
74	Evaluation of Safety of Overhead Upper Extremity Positioning During Fenestratedâ€“Branched Endovascular Repair of Thoracoabdominal Aortic Aneurysms. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1895-1902.	0.9	4
75	Single-port transaxillary robotic thyroidectomy (START): 200-cases with two-step retraction method. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 2688-2696.	1.3	10
76	Neuro-Anesthesiology Considerations in Spinal Cord Tumors. , 2019, , 127-146.		2
77	Isolated musculocutaneous neuropathy after posterior spine surgery for a patient with a subset of Marfan syndrome: A case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2022, 27, 101440.	0.2	0
78	Positioning-Related Peripheral Nerve Injury During Spine Surgery and the Role of Intraoperative Neuromonitoring. <i>Contemporary Spine Surgery</i> , 2021, 22, 1-5.	0.2	0
80	What Actions Can Be Used to Prevent Peripheral Nerve Injury?. , 2023, , 394-406.		0
81	Positioning-Related Peripheral Nerve Injury During Spine Surgery and the Role of Intraoperative Neuromonitoring. <i>Contemporary Neurosurgery</i> , 2022, 44, 1-5.	0.2	0

#	ARTICLE	IF	CITATIONS
82	Surgical Position of Lateral-Tilted Supine is Suitable for Proximal Humeral Fracture Operations in Geriatric Patients. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2022, 13, 215145932211367.	0.6	0
83	Intraoperative Monitoring During Neurosurgical Procedures and Patient Outcomes. <i>Current Anesthesiology Reports</i> , 0, , .	0.9	0
84	The value of intraoperative neurophysiological monitoring during positioning in pediatric scoliosis correction: a case report. <i>Clinical Neurophysiology Practice</i> , 2022, , .	0.6	0
89	Case Report: Acute common peroneal nerve injury after posterior lumbar decompression surgery. <i>Frontiers in Surgery</i> , 0, 11, .	0.6	0