

Neuromonitoring

Khajavi K, Youssef J, Eastlack RK, Niznik G, Smith W. Safety and Feasibility of Transabdominal Muscle Action Potential Monitoring (TMAP) in Lateral Lumbar Surgery. *World Neurosurgery* (2025) 197:123878; <https://doi.org/10.1016/j.wneu.2025.123878>

Uribe JS, Isaacs RE, Youssef JA, **Khajavi K**, Balzer JR, Kanter AS, Kuelling FA, Peterson MD. Can triggered electromyography monitoring throughout retraction predict postoperative symptomatic neuropraxia after XLIF? Results from a prospective multicenter trial. *Eur Spine J* 2015;24 Suppl 3:378-85.

Dann K, Mihir C, Moskovic T, Budil L, Bayaton A, McDermott M, Boyett J, Jakoi A, **Khajavi K**, Thomas A, Szczepaniak M, Patel A.. Multicenter Validation of Transabdominal Muscle Action Potentials (TMAP): Refining Alarm Criteria for Detecting Nerve Injury. Submitted to 2026 Society to Minimally Invasive Spine Surgery Annual Forum, Las Vegas NV, Sept 10-12, 2026

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