



박 경 석

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Intraoperative Neurophysiologic Monitoring (INM) in Spine Surgery

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Spinal surgeries have potential risks to the neural structures such as spinal cord and nerve roots. However, most of them can be prevented or minimized by intraoperative neurophysiologic monitoring (INM) during surgeries. Current INM techniques including motor evoked potential, somatosensory evoked potential, and electromyography can assess the functional integrity of descending spinal motor tracts, ascending spinal dorsal tracts, and spinal roots.

This talk will be specifically focused on basic principles, application, and outcome of INM in various spine surgeries.

Key Words: Intraoperative neurophysiologic monitoring (INM); Spine surgery; Motor evoked potentials; Somatosensory evoked potentials; Electromyography

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