



박진석

한양대학교 의과대학 신경과학교실

Updates and new developments of intraoperative neurophysiologic monitoring (IONM)

Jinseok Park, MD

Department of Neurology, Hanyang University College of Medicine, Seoul, Korea

The development of intraoperative neurophysiologic monitoring (IONM) have been progressed to reduce and manage potential injury to nervous system during surgery or procedure. Evoked potentials including motor evoked potential (MEP), somatosensory evoked potential (SEP), brainstem auditory evoked potential (BAEP), visual evoked potential (VEP), electroencephalography (EEG), and electromyography (EMG) were commonly used in IONM. But despite of advances in these modalities, limitations are still exiting. Herein we discuss about recent updates and debates of IONM and useful but infrequently used modalities could overcome its limitations.

Key Words: Intraoperative neurophysiologic monitoring, IONM

Jinseok Park, MD

Department of Neurology, Hanyang University College of Medicine,
222-1 Wangsimniro, Seongdong-gu, Seoul 04763, Korea

Tel: +82-2-2290-9367 Fax: +82-2-2296-8370

E-mail: jinseok.park0@gmail.com