



고 상 배

서울대학교병원 신경과

Non-Invasive Monitoring in Neurocritical Care

Sang-Bae Ko, MD, PhD

Department of Neurology and Critical Care Medicine, Seoul National University Hospital, Seoul, Korea

Advanced neuromonitoring is essential for early detect and possibly limit secondary brain injury in patients with severe brain damage. Compared with invasive monitoring, non-invasive neuromonitoring has multiple advantages in terms of safety and easy application, especially in patients with coagulopathy. Major drawback is accuracy, which has been recently improved with the help of advanced technology. Most non-invasive monitoring tools use Ultrasound, or Near infrared spectroscopy. Here, we will briefly discuss on the practical application of non-invasive neuromonitoring in patients in the NeurolCU.

Key Words: Non-invasive, Neuromonitoring, Near infrared, Ultrasound

Sang-Bae Ko, MD, PhD

Department of Neurology and Critical Care Medicine, Seoul
National University Hospital, Daehakro 101, Jongno-gu, Seoul
03080, Korea

Tel: +82-2-2072-2278 Fax: +82-2-3672-7553

E-mail: Sangbai1378@gmail.com