



고 상 배

서울대학교병원 신경과

Non-Invasive Monitoring in Neurocritical Care

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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 NeuroICU.

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

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