

1. Stable contralateral lower extremity monitoring was possible with D-MEP in all cases.
2. In 16 of 21 cases, central sulcus identification was possible. (Central sulcus identification detection rate: 76.2%) In previous reports, phase inversion of the tibial nerve SEP is generally not obtained. (MacDonald 2019, Brage L et.al 2020) 。 Although localization of the tibial nerve SEP was reportedly dependent on the amplitude of maximal P37, we were able to identify the central sulcus by tibial nerve stimulation in the present study.
3. Tc-MEP could be recorded as well, but CMAP waveforms of the upper and lower extremities were derived simultaneously.