

Intraoperatív neuromonitoring

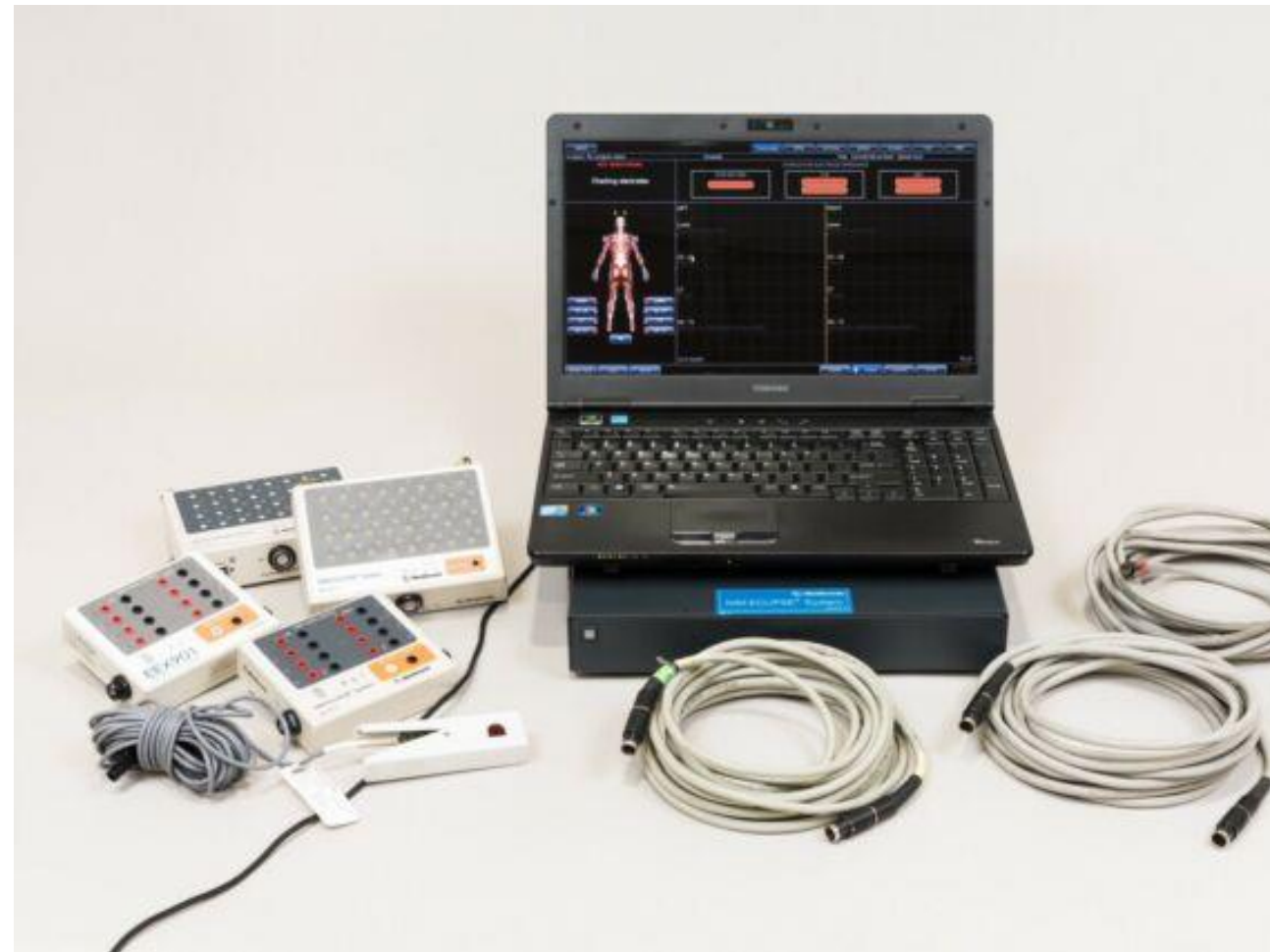
SZTE Idegsebészeti klinika

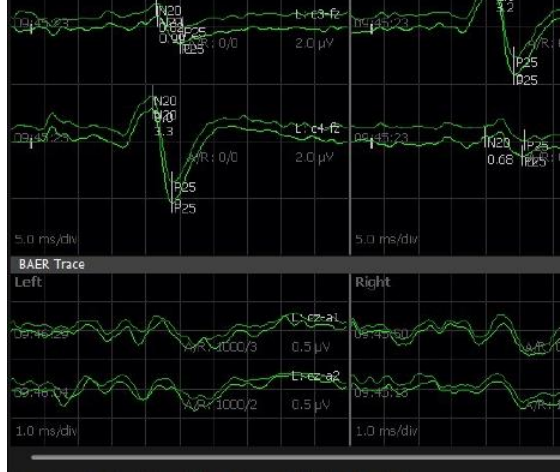
Horváth Zoltán

2024

Célok, lehetőségek

- Teljes neurofiziológiai eszköztár szimultán futtatása, valósidejű funkcionális változás kimutatására
- Monitorizálás + Térképezés:
- Corticos spinális ill hátsó köteg pálya
- - ideggyök- perifériás ideg



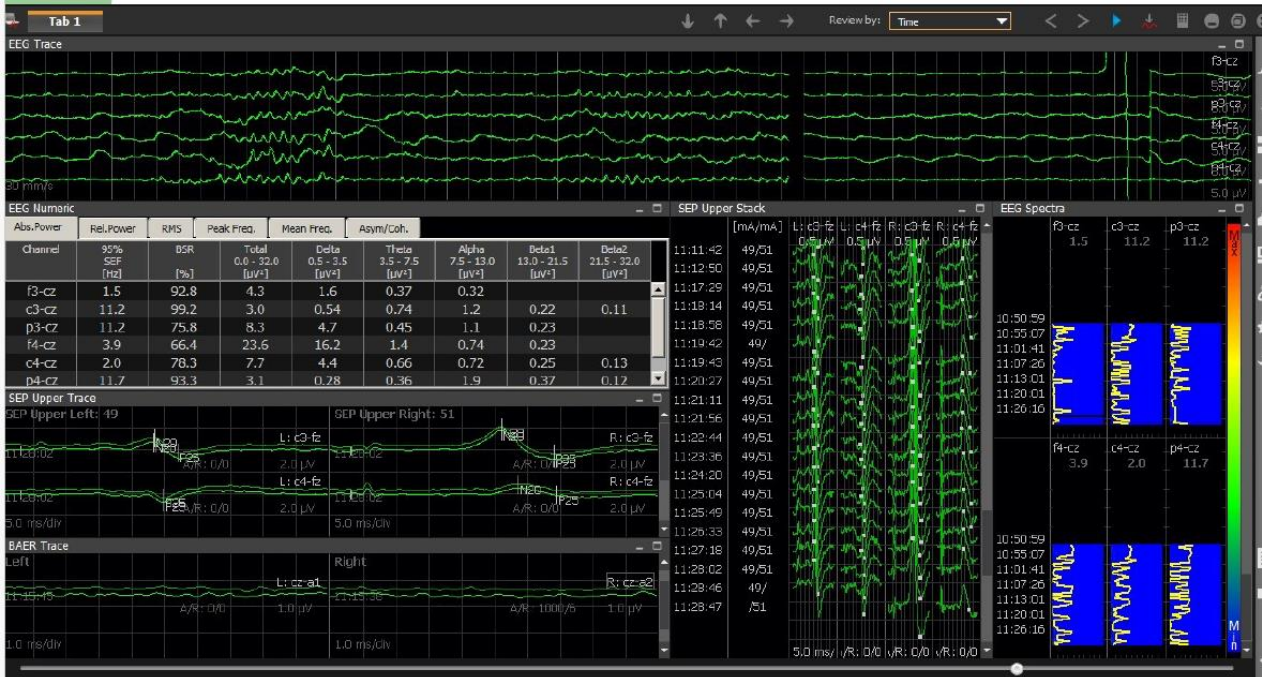


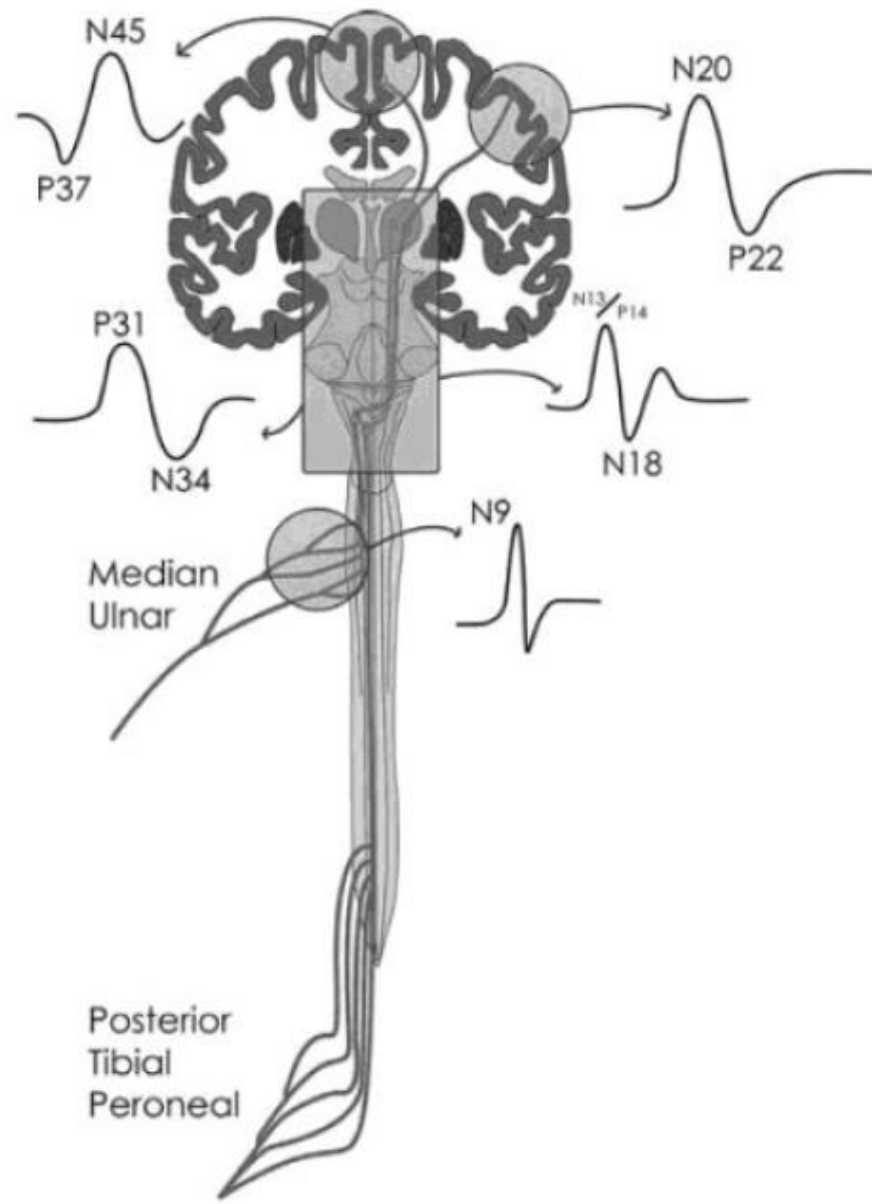
Tab 2

MEP lower stack

[V/mA]	L: ADI-ADr	L: EDI-EDr	L: ACh-ADr	L: EDI-EDr
13:02:33	Ampl: 207	Ampl: 88	Ampl: 29	Ampl: 12
13:03:19	Ampl: 171	Ampl: 78	Ampl: 32	Ampl: 64
13:04:19	Ampl: 221	Ampl: 72	Ampl: 143	Ampl: 62
13:05:59	Ampl: 176	Ampl: 83	Ampl: 80	Ampl: 674
13:07:51	Ampl: 93	Ampl: 70	Ampl: 188	Ampl: 552
13:09:39	Ampl: 205	Ampl: 86	Ampl: 188	Ampl: 34
13:11:10	Ampl: 160	Ampl: 100	Ampl: 182	Ampl: 57
13:11:21	Ampl: 168	Ampl: 103	Ampl: 170	Ampl: 64
13:14:16	Ampl: 168	Ampl: 103	Ampl: 170	Ampl: 64
13:14:17	Ampl: 168	Ampl: 103	Ampl: 170	Ampl: 64

10.0 ms/div



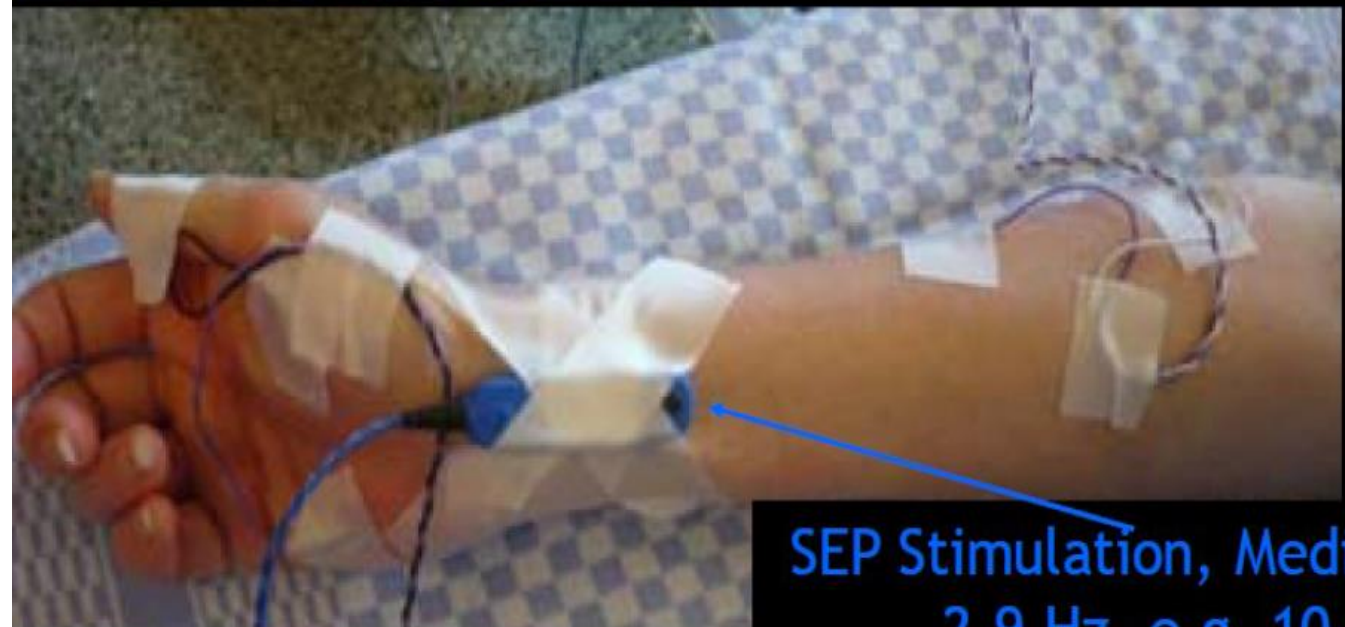
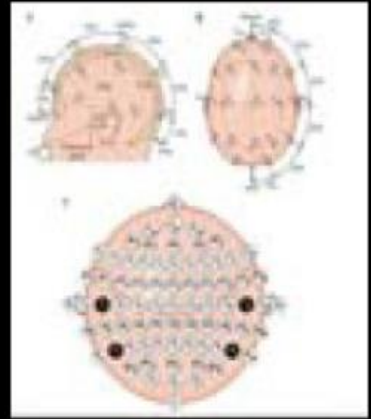
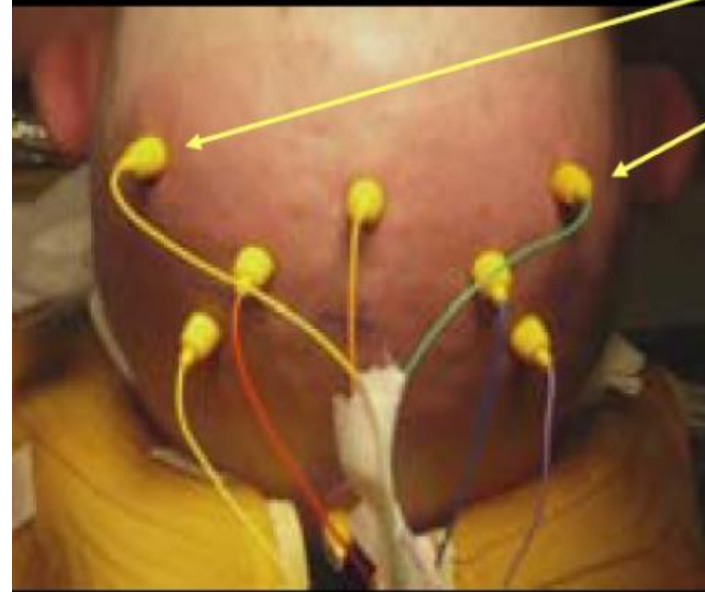


SEP - Upper Limbs

C' 4 for Left upper limb

C' 3 for Right upper limb

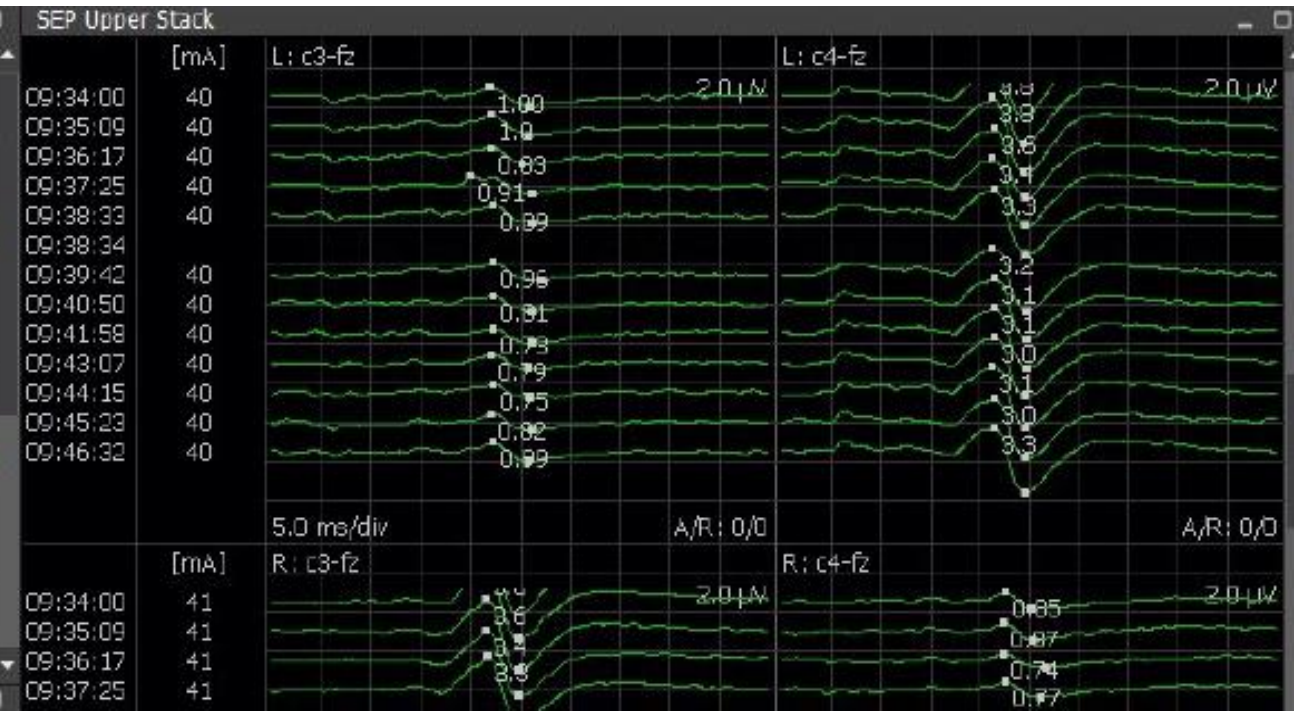
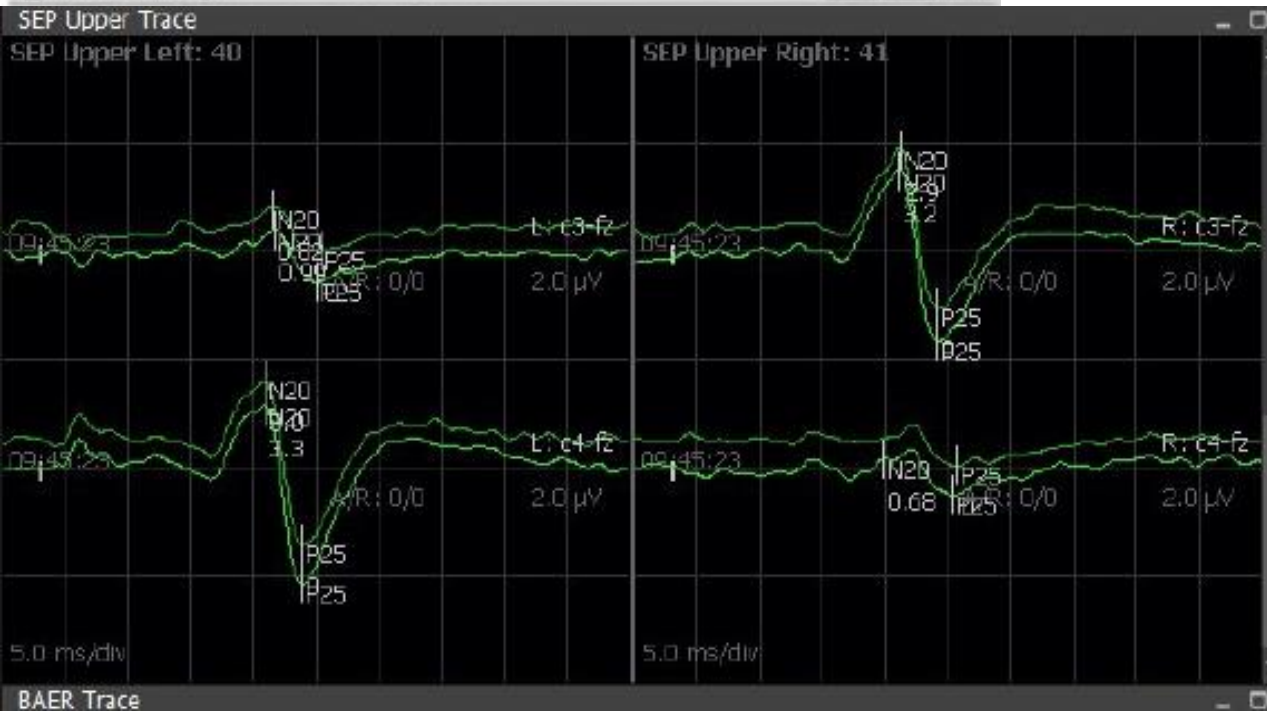
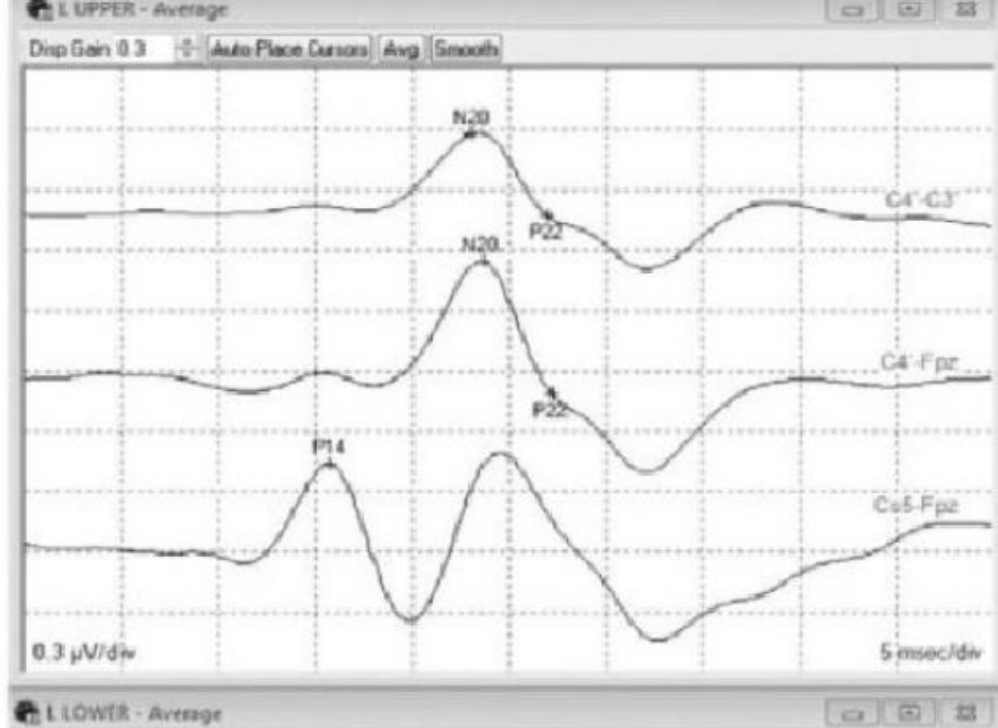
All electrodes twisted together

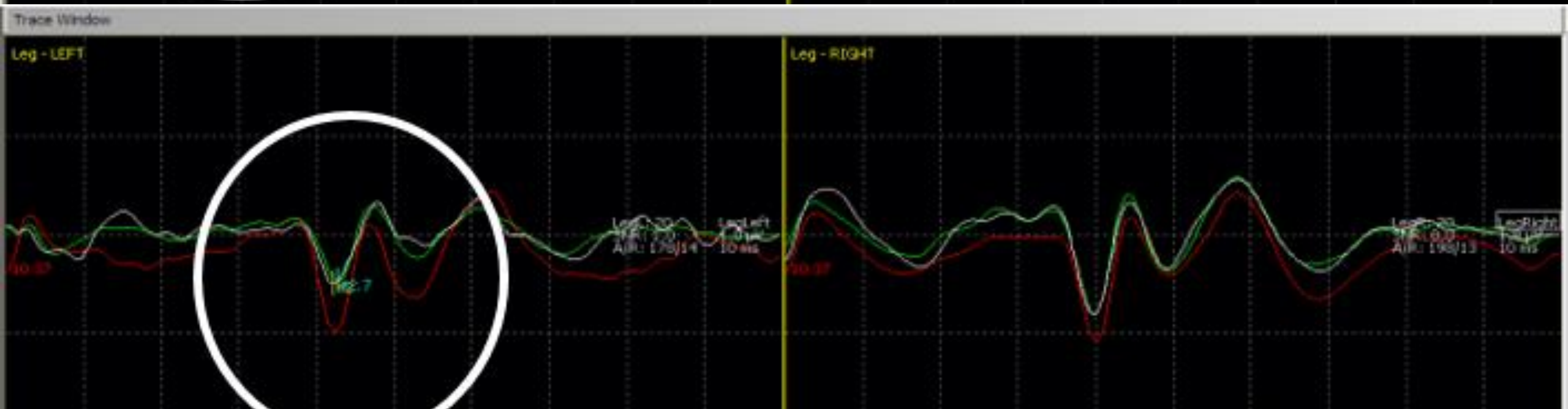
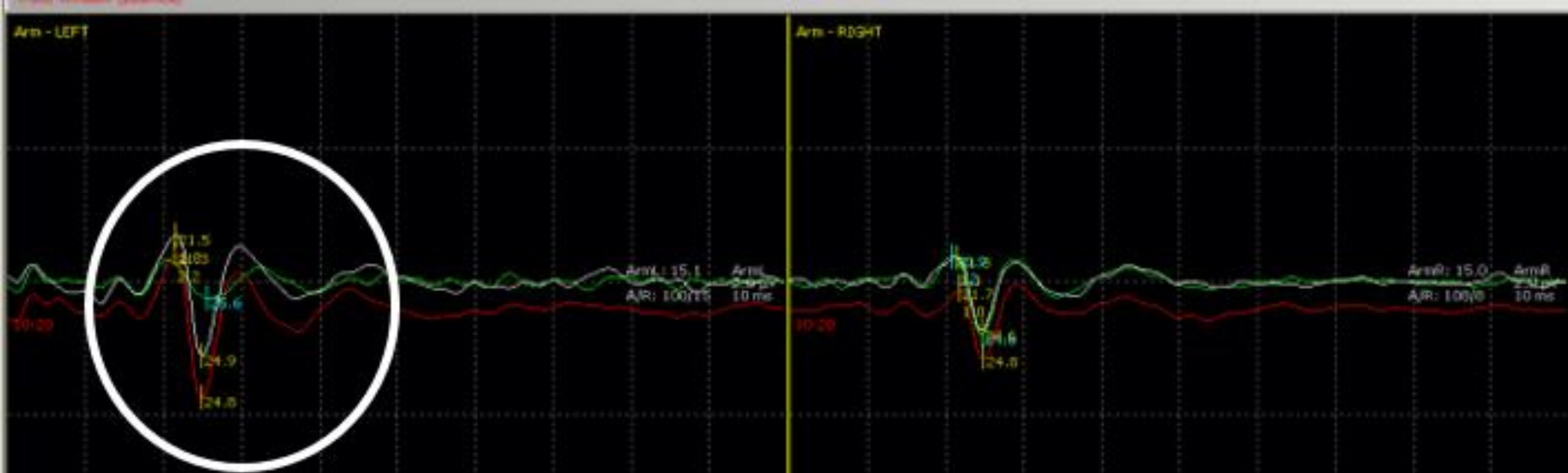


+ Erb (N9)

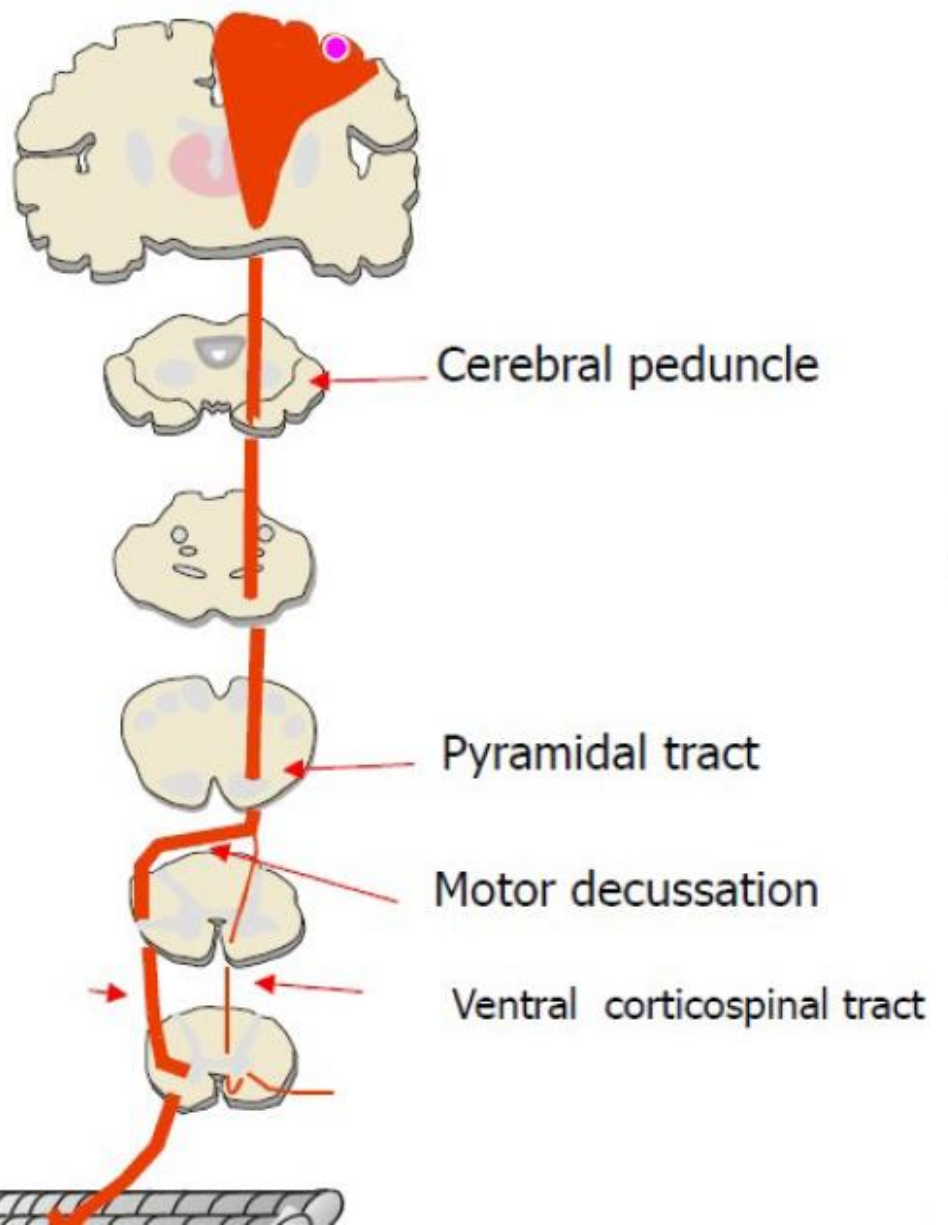
SEP Stimulation, Median nerve

2.9 Hz. e.g. 10 mA

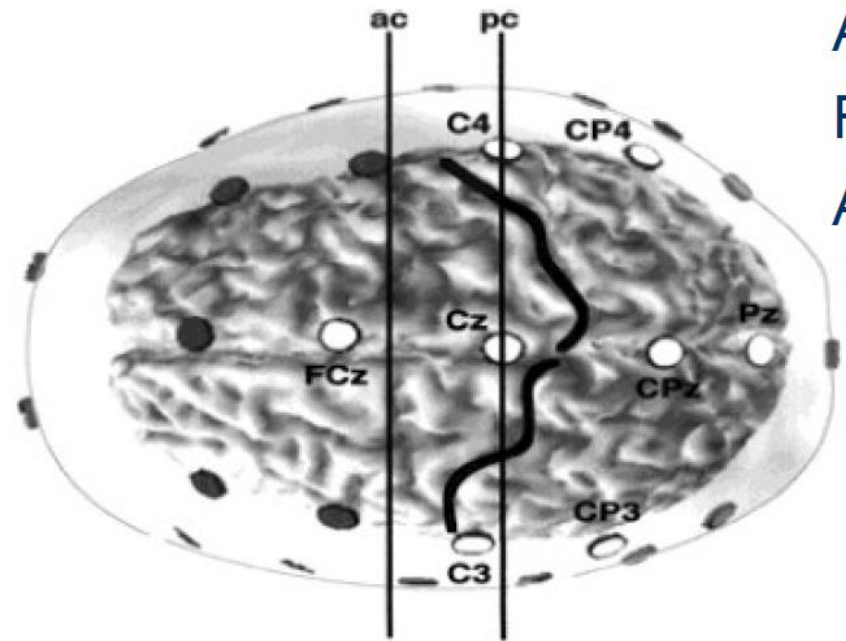




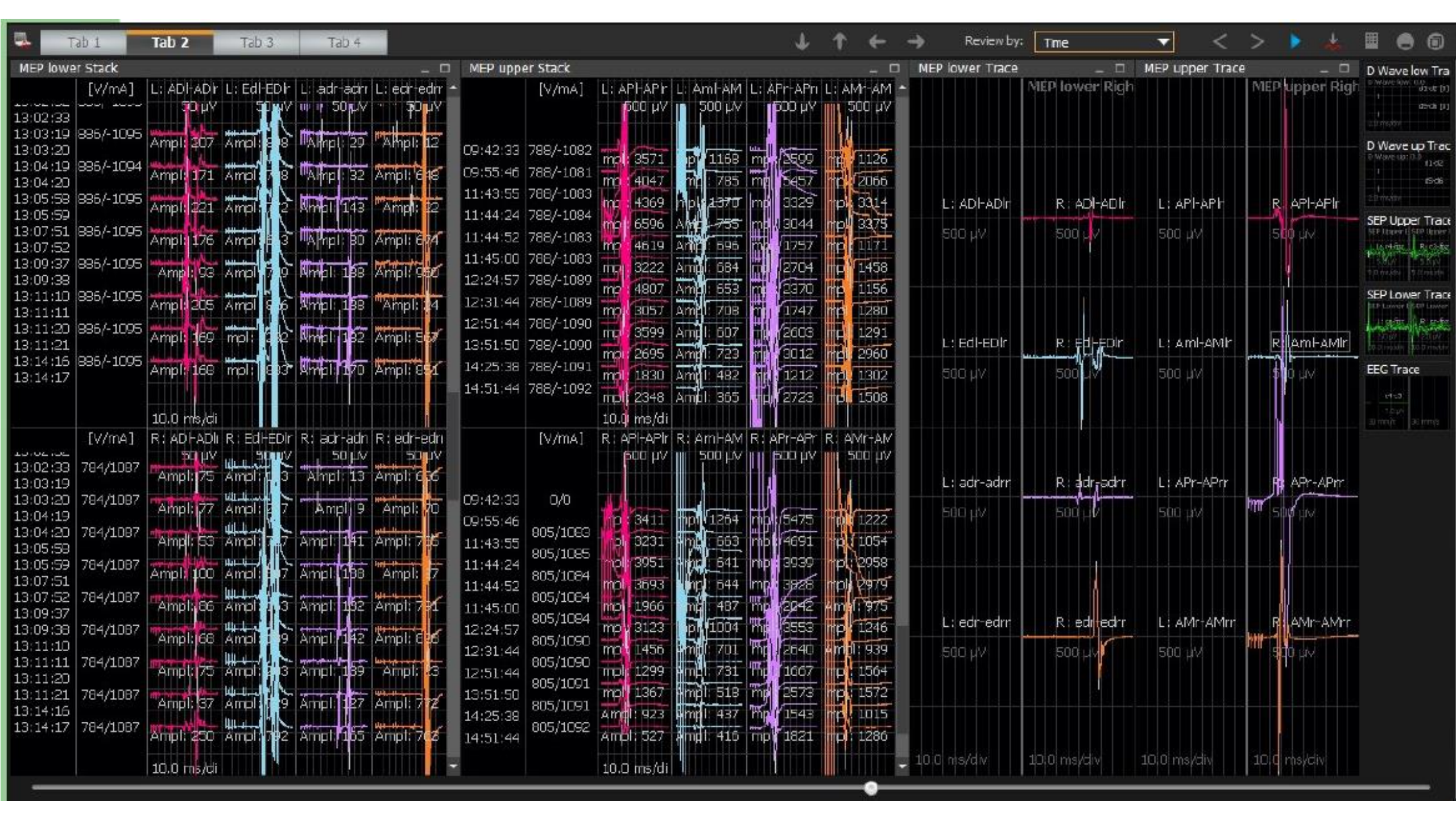
Motor pathway

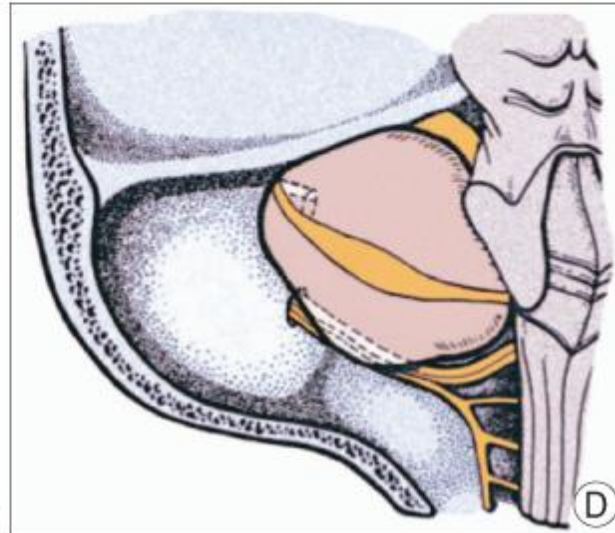
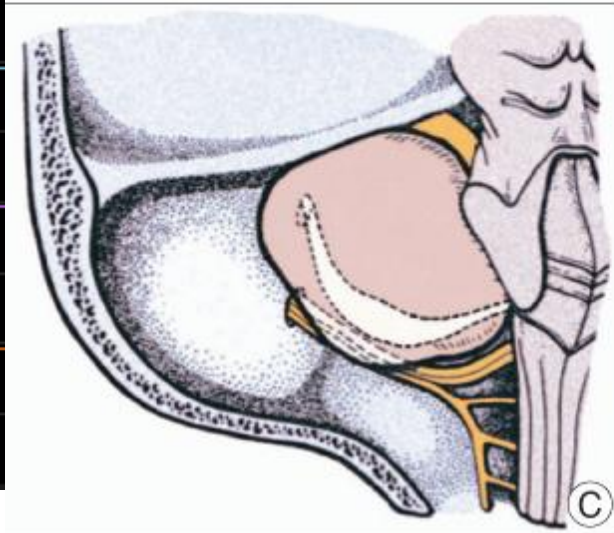
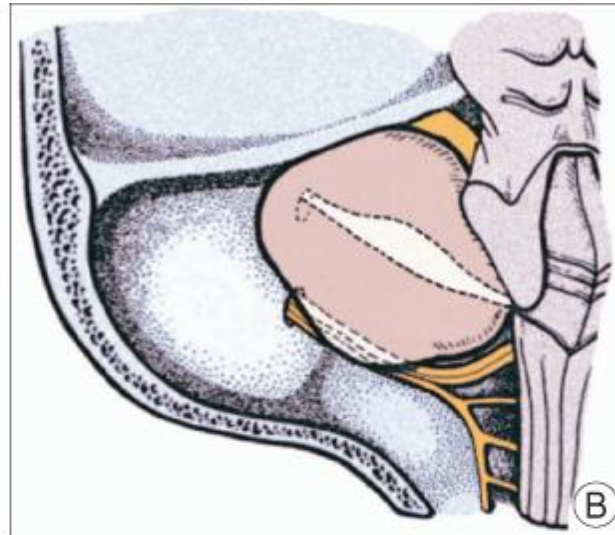
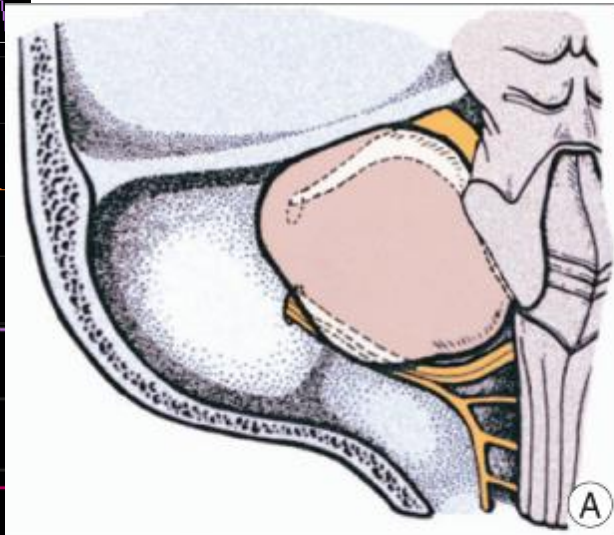
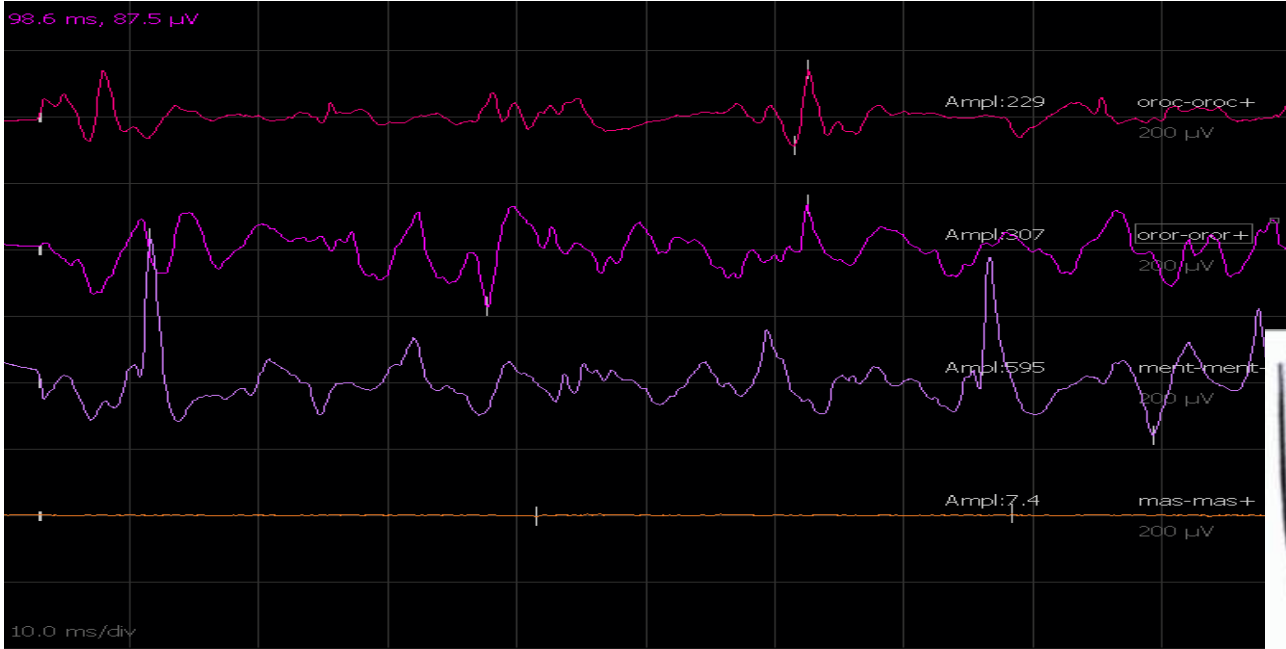


Elektróda felhelyezés



Aggyidegek C5/C6
 Felső végtag C3'/C4'
 Alsó végtag C1'/C2'





Éber műtétek

