|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CPRSSubject | Sex | Age | Limb affected –(R / L) | Pain duration(years) | Trauma /Spontaneous onset | Pain VAS(0-10)  | Temp/colour | Oedema/sudomotor | Motor/trophic | Allodynia/hyperalagesia |
| P1P2P3P4P5P6P7P8 | FFFMFFFF | 5950493816515146 | LRLRLRRR | 68250.512154 | STTTTSSS | 56488766 | ++++++++ | ++++--+- | ++++++++ | ++++++++ |

**Table 1. Characteristics of the CRPS subjects**

R, right; L, left; T, onset of symptoms following trauma; S, spontaneous onset; Symptoms on referral: Temp/colour, temperature/colour changes; motor/trophic, motor/trophic changes; +, present; -, absent

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CRPS Subjects | Unconditioned MEP size | MEPSuppression | Normal Subjects | Unconditioned MEP size  | MEPSuppression |
|  | (mV) | % | P value |  | (mV) | % | P value |
| P1P2P3P4P5P6P7P8 | 433121455226155 49 52 59 | -54.4-62.9-67.6-46.3- 7.4-71.7-58.3-49.0 |  0.001 0.001<0.001 0.002 1.000<0.001 0.001 0.240 | C1C2C3C4C5C6C7C8 |  54 59309189180 85 87355 | -59.0-35.3-67.4-34.4-59.9-35.7-60.1-77.6 |  0.001 0.269 0.005 0.059<0.001 0.005 0.009 0.013 |
| Mean(SD) | 193.8(166.0) | -52.2(20.1) |  |  |  164.7 (115.6) | -53.7(16.5) |  |

# Table 2. CRPS and normal subjects’ results

MEP size expressed as mean amplitude (mV) over the selected interval.

MEP suppression expressed as percentage reduction in EMG size following the formula:

(TMS & median nerve stimulation - TMS alone) / TMS alone

P value refers to difference between MEP size for TMS only and TMS & median nerve stimulation (Mann-Witney U test).