|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CPRS  Subject | Sex | Age | Limb affected –  (R / L) | Pain duration  (years) | Trauma /  Spontaneous onset | Pain VAS  (0-10) | Temp/colour | Oedema/  sudomotor | Motor/  trophic | Allodynia/  hyperalagesia |
| P1  P2  P3  P4  P5  P6  P7  P8 | F  F  F  M  F  F  F  F | 59  50  49  38  16  51  51  46 | L  R  L  R  L  R  R  R | 6  8  2  5  0.5  12  15  4 | S  T  T  T  T  S  S  S | 5  6  4  8  8  7  6  6 | +  +  +  +  +  +  +  + | +  +  +  +  -  -  +  - | +  +  +  +  +  +  +  + | +  +  +  +  +  +  +  + |

**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 | MEP  Suppression | | Normal Subjects | Unconditioned  MEP size | MEP  Suppression | |
|  | (mV) | % | P value |  | (mV) | % | P value |
| P1  P2  P3  P4  P5  P6  P7  P8 | 433  121  455  226  155  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 | C1  C2  C3  C4  C5  C6  C7  C8 | 54  59  309  189  180  85  87  355 | -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).