



**Supplementary Figure 2.** Example of the Bereitschaftspotential in functional jerks. Recordings of electroencephalography (EEG) signals from the C3 electrode (upper trace) and EMG signals from the right biceps muscle (bottom trace) from a patient with functional right arm jerks. Forty trials were averaged. The EEG recordings show a Bereitschaftspotential, which is a slow, negative potential, with an onset about 1,500 ms before EMG onset. Time 0 = EMG onset. Adapted from Phielipp and Chen<sup>5</sup>.