Errata

Publication I

Unfortunately, an error was discovered in the transformation between coordinate systems used to derive part of the results of the original publication. The error affected only the results of the center of gravities (CoGs) in the anterior–posterior direction. This part of the data was reanalyzed with corrected coordinate values. This led to some changes in the originally reported results.

Contrary to what was reported in the original article, the muscle of interest did not influence the location of the motor evoked potential (MEP) or silent period (SP) CoGs in anterior–posterior direction \( (p=0.100) \). The mean difference between MEP and SP CoGs in the anterior–posterior direction was 0.8 mm instead of the reported 0.6 mm. Although not affecting the conclusions, the corrected statistics values are provided:

“MEP CoGs were more medial \( (p<0.001) \) and anterior \( (p=0.001) \) than the SP CoGs on the dominant hemisphere.”

“The SP CoGs were more anterior on the non-dominant hemisphere than on the dominant side \( (p<0.001) \).”

“The grid did not affect the CoGs in the anterior–posterior direction \( (F=0.06, p=0.807) \).”

Fig. 3 has been corrected. Other results were not affected and the conclusions remain the same with the exception that the different muscle representations differed only based on size and not based on the CoGs (M. Pitkänen et al. Correction to: Extent and location of the excitatory and inhibitory cortical hand representation maps: a navigated transcranial...

Corrected Fig. 3. which shows the distances between the MEP and SP CoGs for each subject in the left (A) and right (B) hemisphere. The arrows point from the MEP CoGs to the SP CoGs and the means are represented as red arrows.

Publication III

In the original version of this article, the site of the patient investigation was not mentioned.

The stroke patient was investigated in the Research Center of Neurology, Moscow and the study was approved by the institutional ethical committee of the Research Center of Neurology (M. Pitkänen et al. Erratum to: Minimum-norm estimation of motor representations in navigated TMS mappings. Brain Topography, 30(6):723, 2017).