**Supplementary Material 4. Sensitivity analyses exploring the effect of medication.**

Sensitivity analyses were conducted to explore the effect of medication status on skill retention. To this end, conditions (i.e., effect sizes) in which the PD patients were practicing and/or tested while “off” medication [1-5] were removed from the main meta-analyses. Removing these conditions did not change the main results of the meta-analyses, suggesting that medication status did not affect skill retention after either single or extended practice.

***Single practice***: SMD = -0.21; 95% CI = -0.38, -0.05; *p* = 0.0123; N = 41; I2 = 44.4%

***Extended practice***: SMD = -0.07; 95% CI = -0.27, 0.14; *p* = 0.5286; N = 16; I2 = 0%

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