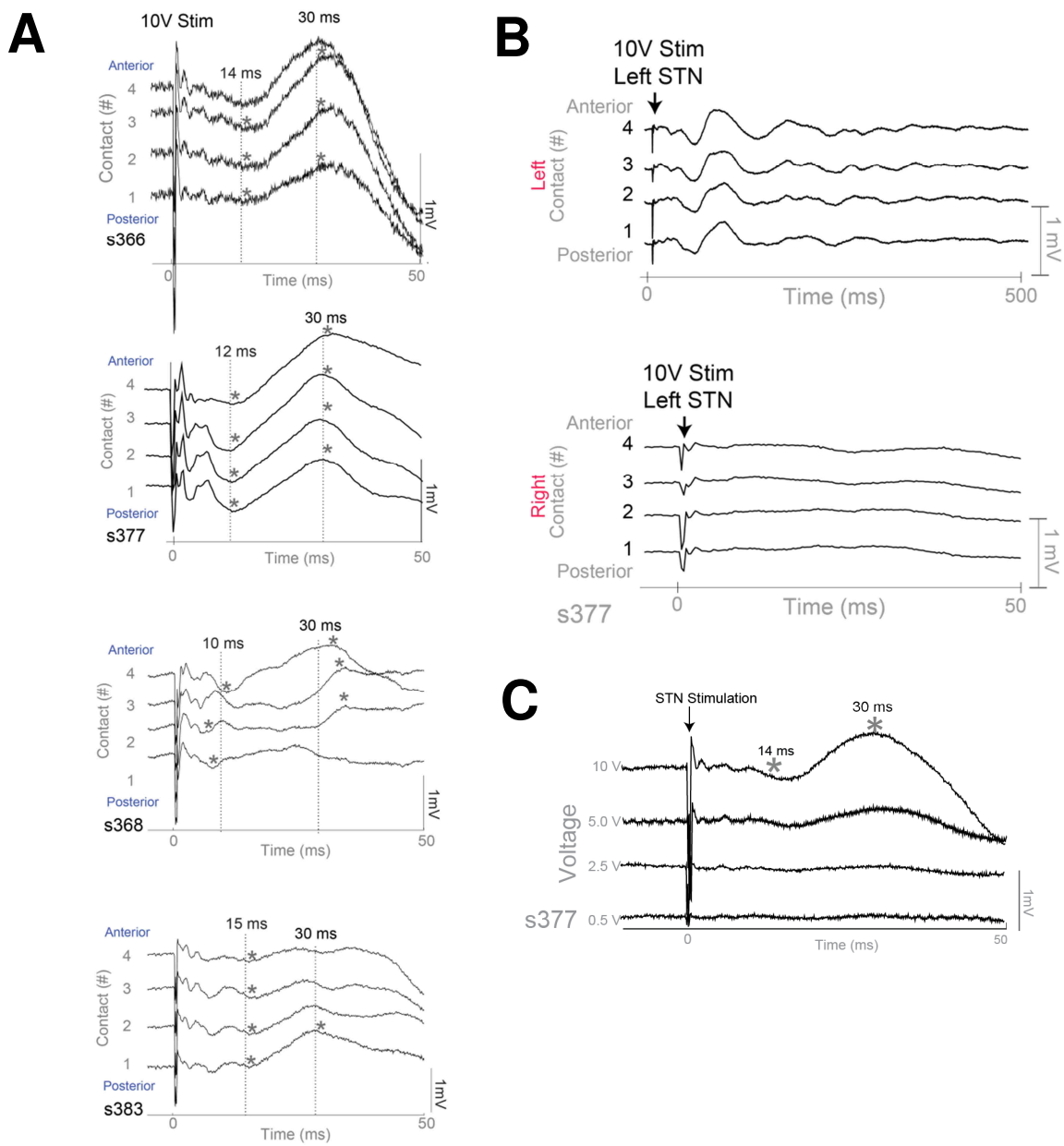


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**Supplementary Fig. 2. ESTT results from additional patients. Related to Fig. 1.** A) Every ESTT subject with 10V STN stimulation had significant evoked potentials at ipsilateral IPFC consistent with monosynaptic propagation along the hyperdirect pathway (\* = statistically significant with FDR correction; see also Supplementary Table 1). B) ESTT recordings in ipsilateral and contralateral IPFC and M1 after L STN stimulation. Top traces; longer 500-ms window of IPFC and M1 recording after L STN stimulation. Bottom traces: no N1/P1 peaks were seen contralateral to L STN stimulation. C) Ipsilateral ESTT recordings as a function of STN voltage. Recording from 1 contact in IPFC with varying STN stimulation voltage.