Johns Hopkins Sleep Study Recordings Translational Science Study

Protocol Title: Sleep dysfunction in children with pathogenic SYNGAP1 mutations

Children diagnosed with SYNGAP1 mutations are often reported to have sleep disorders. However, there is no clear understanding of the macro-, micro-sleep architecture and EEG spectral power anomalies that underlie such dysfunction. Such spectral power anomalies could also underlie the intellectual disabilities consistently reported for SYNGAP1 since memory consolidation and learning are known to heavily depend on the stability of NREM and REM cycles during sleep.

Application No.: IRB00183481

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