

## **The Possibility of Organic Left Posterior Hemisphere Dysfunction as a Contributing Factor in Sex-Offending Behavior.**

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24 individuals who were referred to inpatient psychiatric treatment for sex-offending behavior or professional sexual misconduct were tested with quantitative electroencephalogram (QEEG) to determine if there is support for the hypothesis that there is underlying neuro-organicity contributing to sexually offending behaviors. All subjects participated in a program ranging from six weeks to more than one year. Insurance coverage, personal resources and other payment methods to cover the cost of the test were the only criteria used in determining which patient received the QEEG. The subjects covered all socioeconomic, education and IQ levels. Significant abnormalities were found in all the QEEGs. In every case, some type of abnormality was noted in the left posterior hemisphere, compared with a normal control population. These findings are consistent with an hypothesis that sex-offending behavior results from misperception of an inappropriate sex object as appropriate by structures in the left posterior hemisphere, resulting in sexual arousal and sexual behavior implicating the inappropriate sex object. Further research regarding effectiveness of medical treatments (e.g., anticonvulsants, EEG, biofeedback) for abnormalities in the left posterior hemisphere are needed as another method for preventing sexually offensive and criminal behavior.