

**QEEG studies in the assessment and treatment of childhood disorders.** - Cantor DS - *Clin EEG Neurosci* - 01-APR-2009; 40(2): 113-21 (MEDLINE® is the source for the citation and abstract of this record )

**Abstract:**

Quantifying EEG measures across age allows the ability to establish parameters of normalcy at any age which can be used as a reference when children exhibit developmental delays in their abilities and/or other atypical and maladaptive behaviors. A review of the current literature on the utilization of QEEG methods to serve as an aid for identifying these children as distinctively different from normal, and in some cases as distinctive from other clinical considerations has been shown to provide a sufficient sensitivity and specificity worthy of consideration as a diagnostic aid in evaluating clinical deviations in development. Furthermore, these same QEEG measures can provide a means of establishing treatment efficacy for the evident brain dysfunctions underlying these childhood disorders.

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103

**Major Subjects:**

- Attention Deficit and Disruptive Behavior Disorders / \* diagnosis / drug therapy / therapy
- Autistic Disorder / \* diagnosis / therapy
- Electroencephalography / \* methods
- Learning Disorders / \* diagnosis / therapy

**Additional Subjects:**

- Antimanic Agents / therapeutic use
- Biofeedback (Psychology)
- Brain / drug effects / physiopathology
- Child
- Developmental Disabilities / diagnosis / therapy
- Humans