

## QEEG Bibliography

- Abarbanel, A., (1995): Gates, states, rhythms, and resonances: The scientific basis of Neurofeedback Training. *Journal of Neurotherapy*. 1(2): p. 15-38.
- Angelakis, E., Lubar, J. F., Stathopoulou, S., & Kounios, J. (2004). Peak alpha frequency: An electroencephalographic measure of cognitive preparedness. *Clinical Neurophysiology*, 115, 887-897.
- Angelakis, E., & Lubar, J. F. (2002). Quantitative electroencephalographic amplitude measures in young adults during reading tasks and rest. *Journal of Neurotherapy*, 7.
- Alper, K. (1995). Quantitative EEG and Evoked Potentials in Adult Psychiatry. In J. Panksepp (Ed.), *Advances in Biological Psychiatry*, Vol. 1, pages 65-112. JAI Press, Greenwich, Connecticut.
- Alper, K., Chabot, R., Prichep, L., et al. 1993. Crack cocaine dependence: Discrimination from major depression using QEEG variables. In *Imaging of the Brain in Psychiatry and Related Fields*. Maurer, K. Berlin, Springer-Verlag. 289-293.
- Cantor, D.S. An Overview of Quantitative EEG and Its Applications to Neurofeedback. In J. Evans (Ed.) *Introduction to Quantitative EEG and Neurofeedback*. New York: Academic Press, 1999.
- Cantor, D.S., Thatcher, R.W., Kaye, H., and Hrybyk, M. Computerized EEG Analyses of Autistic Children. *Journal of Autism and Developmental Disorders*. 1986, 16, 169-187.
- Chabot, R.J., et al., (1996) Sensitivity and specificity of QEEG in children with attention deficit or specific developmental learning disorders,. *Clinical Electroencephalography*. Jan; 27(1): p. 26-34.
- Chabot, Robert J., di Michele, Flavia, Prichep, Leslie. *The Role of Quantitative EEG in Child and Adolescent Psychiatric Disorders*. *Child and Adolescent Psychiatric Clinics of North America* 14 (2005) pp21-53.
- Chabot, R., and Serfontein, G. 1996. Quantitative EEG profiles on children with Attention Deficit Disorder. *Biological Psychiatry*, 40:951-963.
- Chabot, R. J., Merkin, Henry, Wood, L.M., Davenport, T.L., Serfontein, Gordon, Sensitivity and Specificity of QEEG in Children with Attention Deficit or Specific Developmental Learning Disorders, *Clinical Electroencephalography*, 1995; Vol. 27 (1) 26-33
- Clarke, A. R., Barry, R.J., McCarthy, R. & M. Selikowitz. EEG-Defined Subtypes of Children with Attention Deficit/Hyperactivity Disorder. *Clinical Neuropsychology*. 112:2098-2105.2001
- Clarke, A. R., Barry, R.J., McCarthy, R., & M. Selikowitz. Excess Beta Activity in Children with Attention Deficit/Hyperactivity Disorder: An Atypical Electrophysiological Group. *Psychiatry Res*. 103(2-3):205-218. 2001.
- Cripe, C.T. (2006) Effective use of LENS unit as an adjunct of cognitive neuro-developmental training. *Journal of Neurotherapy*. Volume 10, numbers 2/3 2006. Haworth Medical Press, Inc.
- Congedo, M., & Lubar, J. F. (2003). Parametric and non-parametric analysis of QEEG: Normative database comparisons in electroencephalography, a simulation study on accuracy. *Journal of Neurotherapy*, 7, 1-29.
- Dawson, R.E., Webster, J.W., & Gurdjian, E.S., (1951) Serial electroencephalography in acute head injuries. *Journal of Neurosurgery*, 8, 613.
- Duffy, F.H., Hughes, J.R., Miranda, F., Bernad, P., Cook, P., Status of Quantified EEG (QEEG) in Clinical Practice, *Clinical*

Electroencephalography, 1994, 25: 6-22

Hammond, D. C., Walker, J., Hoffman, D., Lubar, J. F., Trudeau, D., Gurnee, R., & Horvat, J. (2004). Standards for the use of QEEG in neurofeedback: A position paper of the International Society for Neuronal Regulation.

Hughes, J. & John, E. 1999. Conventional and Quantitative Electroencephalography in Psychiatry. *Journal of Neuropsychiatry and Clinical Neuroscience*. 11:2, Spring, 190-208.

John, E., and Prichep, L. 1990. Neurometric studies of aging and cognitive impairment. In *The Prefrontal Cortex; Its Structure, Function and Pathology*. Progress in Brain Research, Eds., H. Uylings, C.V. Eden, J.D. Bruin, M. Comer, and M. Feenstra, pp. 545-555. Amsterdam: Elsevier.

John, E., Harmony, T., and Valdes-Sosa, P. 1876. The use of statistics in electrophysiology. *Handbook of Electroencephalography and Clinical Neurophysiology*, vol. III Computer Analysis of the EEG and other Neurophysiological Signals, Ed., A. Remond, pp. 497-540. Amsterdam: Elsevier.

John, E. Prichep, L., and Almas, M., 1992. Subtyping of psychiatric patients by cluster analysis of QEEG. *Brain Topography*. 4:321-326.

John, E., Prichep, L., and Almas, M. 199 1. Toward a quantitative electrophysiological classification system in psychiatry. In *Biological Psychiatry*, Eds., G. Racagai, N., Brunello, and T. Fukuda, pp. 401-406 Amsterdam/London/New York, Exerpta Medica.

John, E., Prichep, L., and Easton, P. 1987. Normative data banks and neurometrics: Basic concepts, methods and results of norms constructions. In *Handbook of Electroencephalography and Clinical Neurophysiology*, vol. III, Computer Analysis of the EEG and Other Neurophysiological Signals. Ed., A. Remond, pp. 449-495. Amsterdam: Elsevier.

John, E., Prichep, L., and Valdes-Sosa. 1997. Neurometric EEG classification and subtyping of psychiatric patients. *Electroencephalography and Clinical Neurophysiology*, 103:36.

John, E., Prichep, L., Fridman, J., and Easton, P. 1988a. Neurometrics: Computer assisted differential diagnosis of brain dysfunctions. *Science* 293: 162-169.

John, E., Prichep, L., Friedman, J., and Easton, P. 1989b. Neurometric topographic mapping of EEG and evoked potential features: Application to clinical diagnosis and cognitive evaluation. In *Topographic Brain Mapping of EEG and Evoked Potentials*, Ed., K. Maurer, pp. 90-111. Berlin: Springer-Verlag.

John, E., Prichep, L., Friedman, J., and Essig-Peppard, T. 1988b. Neurometric classification of patients with different psychiatric disorders. In *Statistics and Topography in Quantitative EEG*, Ed., D. Sampson-Dollfus, pp. 88-95, Paris: Elsevier.

John, E., Ahn, H., Prichep, L., Trepetin, M., Brown, D., and Kaye, H. 1980. Developmental equations for the electroencephalogram. *Science*, 210-:1255-1258.

John, E., Kaye, H., Fridman, J., Prichep, L., and Ahn, H. 1982. Validity, utility and limitations of neurometric evaluation in children. In *Event-Related Potentials in Children: Basic Concepts and Clinical Applications*. vol. 6: Developments in Neurology, Ed., A. Rothenberger, pp. 11-33. Amsterdam: Elsevier.

John, E., Prichep, L., Ahn, H., Easton, P., Friedman, J., and Kaye, H. 1983. Neurometric evaluation of cognitive dysfunctions and neurological disorders in children. *Prog. Neurobiology*, 21:239-290.

John, E., Prichep, L., Ahn, H., Kaye, H., Brown, D., Easton, P., Karmel, B., Toro, A., and Thatcher, R. 1989a. Neurometric Evaluation of Brain function in Normal and Learning Disabled children. Ann Arbor, MI: University of Michigan Press.

John, E., Karmel, B., Coming, W., Easton, P., Brown, D., Alm, H., John, M., Harmony, T.,

- Prichep, L., Toro, A., Gerson, L., Bartlett, F., Thatcher, R., Kaye, H., Valdes, P., and Schwartz, E. 1977. Neurometrics: Numerical taxonomy identifies different profiles of brain functions within groups of behaviorally similar people. *Science*, 196: 1383-1410.
- Jonkman, E., Poortveliet, M., Veering, A., de Weerd, W., and John, E. 1985. The use of neurometrics in the study of patients with cerebral ischemia. *Electroencephalography and Clinical Neurophysiology*, 61:333-341.
- Klinkerfuss, G.H., Lange, P.H., Weinberg, W.A., & O'Leary, J.L. (1965). Electroencephalographic abnormalities of children with hyper-kinetic behavior. *Neurology*, 15, 883-891.
- Loo, S. and B. Camp. (1997): QEEG differences amongst ADHD children with and without Oppositional Behaviours. in Annual meeting of the Association for Applied Psychophysiology and Biofeedback.
- Lubar, J. F. (Ed.) (2003). *Quantitative Electroencephalographic Analysis (QEEG) Databases for Neurotherapy: Description, Validation, and Application*. New York: The Haworth Medical Press.
- Lubar, J. F., Congedo, M., & Askew, J. (2003). Low-resolution electromagnetic tomography (LORETA) of cerebral activity in chronic depressive disorder. *International Journal of Psychophysiology*, 49, 175-185.
- Luo, John, A Prescription to Improve Drug Regimens: Quantitative EEG, genetic testing could help psychiatrists choose the right psychotropic. *Psyber Psychiatry Vol.5 No.4/April 2006*
- Magee, Christopher A., Clarke, Adam R., Barry, Robert J., McCarthy, Rory, Selikowitz, Mark. Examining the Diagnostic Utility of EEG Power Measures in Children with Attention Deficit/Hyperactivity Disorder. *Clinical Neurophysiology* 116 (2005)pp.1033-1040
- Mas, F., Prichep, L., John, E. and Levine, R., 1991. Neurometric Q-EEG subtyping of obsessive compulsive disorder. In *Imaging of the Brain in Psychiatry and Related Fields*, Ed., K. Maurer. Berlin/Heidelberg: Springer- Verlag.
- Mechelse, K., van Gemund, J.J., Nije, J.D., Burg, L., & Laurs, J., (1975) Visual and quantitative analysis of EEGs of normal school aged children and school children with specific reading disability. *Electroencephalography and Clinical Neurophysiology*, 39, 106-107.
- Monastra, Vincent J., Overcoming the Barriers to Effective Treatment for Attention-Deficit/Hyperactivity Disorder: A Neuro-Educational Approach. *International Journal of Psychophysiology* 58 (2005) pp71-80
- Monastra, V. J., Lubar, J.F., & M. Linden. The Development of a Quantitative Electroencephalographic Scanning Process for Attention Deficit-Hyperactivity Disorder: Reliability and Validity Studies. *Neuropsychology*.15(1):136-144. 2001
- Monastra, V.J., Lubar, J.F., Linden, M., Van Deusen, P., Green, G., Wing, W., Phillips, A. & T.N. Fenger. Assessing Attention Deficit Hyperactivity Disorder via Quantitative Electroencephalography: An Initial Validation Study. *Neuropsychology*. 13(3): 424-433. 1999
- Prichep, L., and John, E. Neurometrics: Clinical applications. In F H. Lopes da Silva, W. Storm van Leeuwen, and A. Remond, Editors, *Clinical Applications of Computer Analysis of EEG and Other Neurophysiological Variables*, vol. Z of *Handbook of Electroencephalography and Clinical Neurophysiology*, pages 153-170, Elsevier, Amsterdam, 1986
- Prichep, L., and John, E. 1990. 11. Neurometric studies of methylphenidate responders and non-responders. In *Perspectives on Dyslexia*. vol. I Ed., G. Pavlidis, pp. 133-139. New York: John Wiley & Sons.
- Prichep, L., John, E., Essig-Peppard, T., and Alper, K. 1990a. Neurometric subtyping of

- depressive disorders. In *Plasticity and Morphology of the Central Nervous System*, Eds., C. Cazzullo, G. Invernizzi, E. Sacchetti, and A. Vita, London: MTP. Press.
- Prichep, L., John, E., Ferris, B., Reisberg, B., Alper, K., & Cancro, R. 1994. Quantitative EEG correlates of cognitive deterioration in the elderly. *Neurobiology of Aging*, 15(1): 85-90.
- Prichep, L., Alper, K., Kowalik, S., John, E., Merkin, H., Tom, M, and Rosenthal, M, 1996 Quantitative electroencephalographic characteristics of crack cocaine dependence. *Biological Psychiatry*, 40(10): 986-993
- Prichep, L., Mas, F, Hollander, E., Liebowitz, U., John, E., Almas, M., DeCaria, C., and Levine, R. 1993. Quantitative electroencephalographic (QEEG) subtyping of obsessive compulsive disorder. *Psychiatric Research*, 50(1):25-32.
- Thatcher, R., Cantor, D., & McAlaster, R., et al. 19983. Comprehensive predictions of outcome in closed head-injured patients. *Annals of the New York Academy of Science*. 82-101.
- Thatcher, R., Walker, R., & Gerson, I., et al. (1989). EEG discriminant analyses of mild head trauma. *Electroencephalography and Clinical Neurophysiology*. 73-94106.
- Thatcher, R., Moore, N., John, E., Duffy, F., Hughes, J., & Krieger, M. 1999. QEEG and Traumatic Brain Injury: Rebuttal of the American Academy of Neurology 1997 Report by the EEG and Clinical Neuroscience Society. *Journal of Clinical Electroencephalography*. 30:3. 94-98.
- Winkler, A.W., Dixon, J.F., & Parker, J.B. (1970). Brain function in problem children and controls: Psychometric, neurological and electroencephalographic comparisons. *American Journal of Psychiatry*, 127, 634-645.