

Depression, Hemispheric Asymmetry

- Allen, J. B., & Cavendar, J. H. (1996). Biofeedback alters EEG asymmetry. *Psychophysiology*, 33(suppl), S17, (Abstract).
- Baehr, E., & Baehr, R. (1997). The use of brainwave biofeedback as an adjunctive therapeutic treatment for depression: Three case studies. *Biofeedback*, 25(1), 10–11.
- Baehr, E., Miller, E., Rosenfeld, J. P., & Baehr, R. (2004). Changes in frontal brain asymmetry associated with premenstrual dysphoric disorder: A single case study. *Journal of Neurotherapy*, 8(1), 29–42.
- Baehr, E., Rosenfeld, J. P., & Baehr, R. (1997). The clinical use of an alpha asymmetry protocol in the neurofeedback treatment of depression: Two case studies. *Journal of Neurotherapy*, 2(3), 10–23.
- Baehr, E., Rosenfeld, J. P., & Baehr, R. (2001). Clinical use of an alpha asymmetry neurofeedback protocol in the treatment of mood disorders: Follow-up study one to five years post therapy. *Journal of Neurotherapy*, 4(4), 11–18.
- Berg, K., Siever, D. (2009). A controlled comparison of audio-visual entrainment for treating Seasonal Affective Disorder. *Journal of Neurotherapy*, 13(3), 166–175.
- Bodurka J. Randomized Clinical Trial of Real-Time fMRI Amygdala Neurofeedback for Major Depressive Disorder: Effects on Symptoms and Autobiographical Memory Recall. *Am J Psychiatry*. 2017 Aug 1;174(8):748-755. doi: 10.1176/appi.ajp.2017.16060637. Epub 2017 Apr 14.
- Cantor, D.S., Stevens, E. (2009). QEEG correlates of auditory-visual entrainment treatment efficacy of refractory depression. *Journal of Neurotherapy*, 13(2), 100–108.
- Cheon, E.J., Koo, B.H., Choi, J.H. (2016). The efficacy of neurofeedback in patients with major depressive disorder: an open labeled prospective study. *Applied Psychophysiology & Biofeedback*, 41(1), 103-110. doi: 10.1007/s10484-015-9315-8
- Grin-Yatsenko, V. A., Othmer, S, Ponomarev, V. A., Evdokimov, S. A., Konoplev, Y. Y., Kroptov, J. D. (2018) Infra-Low Frequency Neurofeedback in Depression: Three case studies. *NeuroRegulation* 5(1), 30-42.
- Hammond, D. C. (2005). Neurofeedback with anxiety and affective disorders. *Child & Adolescent Psychiatric Clinics of North America*, 14(1), 105–123
- Hammond, D. C. (2001). Neurofeedback treatment of depression with the Roshi. *Journal of Neurotherapy*, 4(2), 45–56.
- Hammond, D. C. (2002). Neurofeedback training for anger control. *Journal of Neurotherapy*, 5(4), 98–103.
- Hardman, E., Gruzelier, J., Chessman, K., Jones, C., Liddiard, D., Schleichert, H., & Birbaumer, N. (1997). Frontal interhemispheric asymmetry: Self-regulation and individual differences in humans. *Neuroscience Letters*, 221, 117–120.
- Jenkins, P., & Moore, W. H. (1985). The effects of visual feedback on hemispheric alpha asymmetries and reported processing strategies: A single-subject experimental design. *Brain & Cognition*, 4(1), 47–58.
- Kotchoubey, B., Schleichert, H., Lutzenberger, W., Anokhin, A. P., & Birbaumer, N. (1996). Self-regulation of interhemispheric asymmetry in humans. *Neuroscience Letters*, 215, 91–94.

- Kumano, H., Horie, H., Shidara, T., Kuboki, T. et al. (1996). Treatment of a depressive disorder patient with EEG-driven photic stimulation. *Biofeedback & Self-Regulation*, 21(4), 323–334.
- Putman, J. A., (2002). EEG biofeedback on a female stroke patient with depression: A case study. *Journal of Neurotherapy*, 5(3), 27–38.
- Raymond, J., Varney, C., Parkinson, L. A., & Gruzelier, J. H. (2005). The effects of alpha/theta neurofeedback on personality and mood. *Cognitive Brain Research*, 23, 287–292.
- Rosenfeld, J. P. (2000). An EEG biofeedback protocol for affective disorders. *Clinical Electroencephalography*, 31(1), 7–12.
- Rosenfeld, J. P. (1997). EEG biofeedback of frontal alpha asymmetry in affective disorders. *Biofeedback*, 25(1), 8–25.
- Rosenfeld, J. P., Baehr, E., Baehr, R., Gotlib, I. H., & Ranganath, C. (1996). Preliminary evidence that daily changes in frontal alpha asymmetry correlate with changes in affect in therapy sessions. *International Journal of Psychophysiology*, 23, 137–141.
- Rosenfeld, J. P., Cha, G., Blair, T., & Gotlib, I. (1995). Operant biofeedback control of left-right frontal alpha power differences. *Biofeedback & Self-Regulation*, 20, 241–258.
- Saxby, E., & Peniston, E. G. (1995). Alpha-theta brainwave neurofeedback training: an effective treatment for male and female alcoholics with depressive symptoms. *Journal of Clinical Psychology*, 51, 685–693.
- Schneider, F., Heimann, H., Mattes, R., Lutzenberger, W., & Birbaumer, N. (1992). Self-regulation of slow cortical potentials in psychiatric patients: Depression. *Biofeedback & Self-Regulation*, 17, 203–214.
- Tsai, H., Peper, E., Lin, I. (2016). EEG patterns under positive/negative body postures and emotion recall tasks. *NeuroRegulation* 3(1), 23-27.
- Uhlmann, C., & Froscher, W. (2001). Biofeedback treatment in patients with refractory epilepsy: Changes in depression and control orientation. *Seizure*, 10, 34–38.
- Walker, J. E., Lawson, R., & Kozlowski, G. (2007). Current status of QEEG and neurofeedback in the treatment of depression. Chapter in J. R. Evans (Ed.), *Handbook of Neurofeedback*. Binghamton, NY: Haworth Medical Press, 341–351.
- Walker, J., (2013). QEEG-guided neurofeedback for anger/anger control disorder. *Journal of Neurotherapy*
- Wang, S.-Y., Lin, I.-M., Peper, E., Chen, Y.-T., Yeh, Y.-C., . . . Chu, C.-C. (2016). The efficacy of neurofeedback among patients with major depressive disorder. Preliminary study. *NeuroRegulation*, 3(3), 127-134.
- Young KD, Siegle GJ, Zotev V, Phillips R, Misaki M, Yuan H, Drevets WC,



Comprehensive Neurofeedback Bibliography

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Frank H. Duffy, M.D., Professor and Pediatric Neurologist at Harvard Medical School, stated in an editorial in the January 2000 issue of the journal *Clinical Electroencephalography* that the scholarly literature suggests that neurofeedback should play a major therapeutic role in many difficult areas. "In my opinion, if any medication had demonstrated such a wide spectrum of efficacy it would be universally accepted and widely used" (p. v). "It is a field to be taken seriously by all" (p. vii).

An objective guideline for evaluating the efficacy of neurofeedback treatments:

La Vaque, T. J., Hammond, D. C., Trudeau, D., Monastra, V., Perry, J., Lehrer, P., Matheson, D., & Sherman, R. (2002). Template for developing guidelines for the evaluation of the clinical efficacy of psychophysiological interventions. *Applied Psychophysiology & Biofeedback*, 27(4), 273–281.