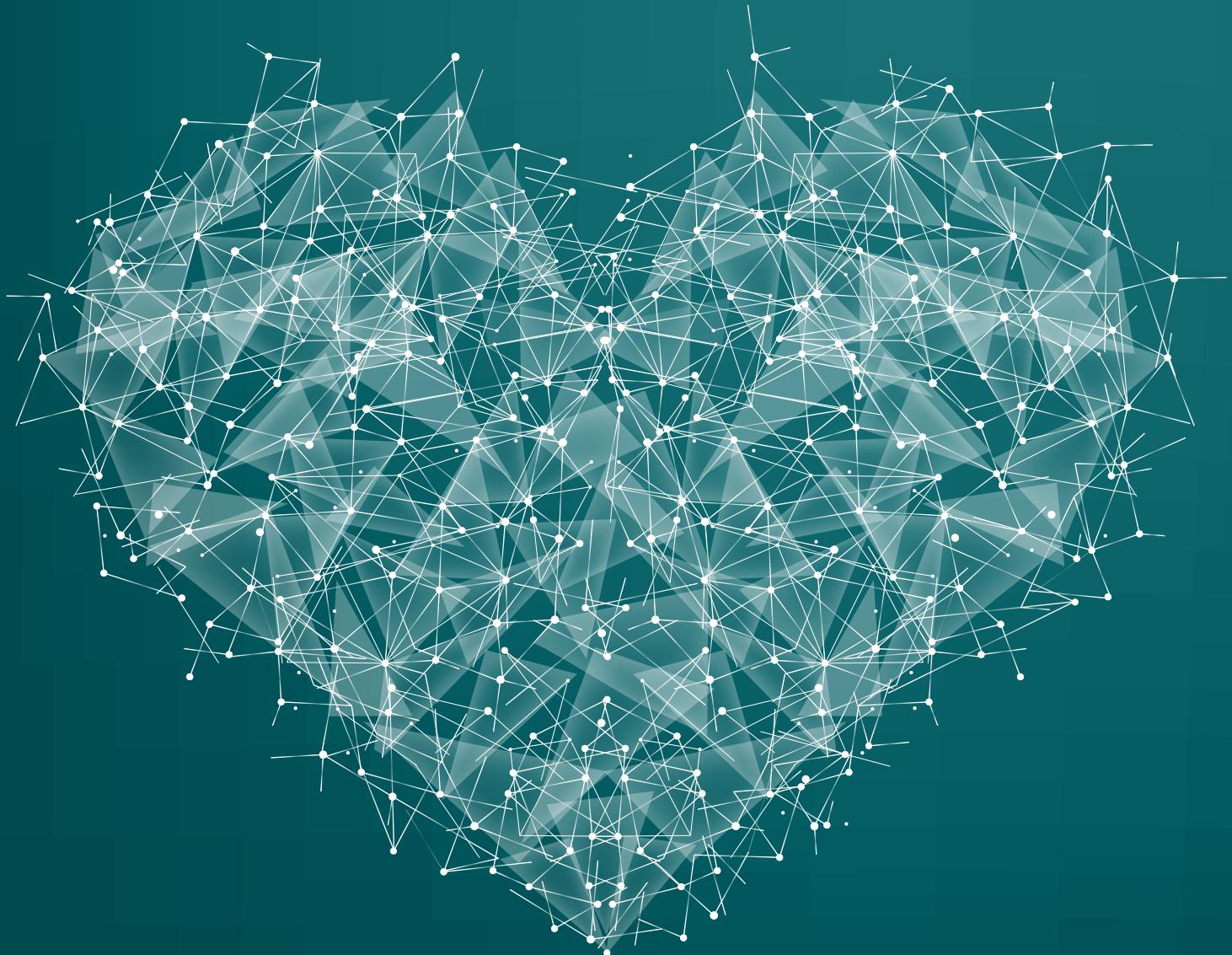




INVESTIGACIONES Y ESTUDIOS CIENTÍFICOS



REFERENCIAS

- Abikoff, H., Hechtman, L., Klein, R. G., Weiss, G., Fleiss, K., Etcovitch, J., ...
Pollack, S. (2004). Symptomatic improvement in children with ADHD treated with long-term methylphenidate and multimodal psychosocial treatment. [Randomized Controlled Trial]. *Journal of the American Academy of Child and Adolescent Psychiatry*, 43(7), 802-811. doi:
<http://dx.doi.org/10.1097/01.chi.0000128791.10014.ac>
- Alhambra M.A., Fowler, T. P., & Alhambra A.A. (1995). EEG Biofeedback. A New Treatment Option For ADD/ADHD. *Journal of Neurotherapy*, 1. doi:
http://dx.doi.org/10.1300/J184v01n02_03
- Allen , J. J., Harmon-Jones, E., & Cavender, J. H. (2001). Manipulation of frontal EEG asymmetry through biofeedback alters self-reported emotional responses and facial EMG. [Randomized Controlled Trial]. *Psychophysiology*, 38(4), 685-693. doi: <http://dx.doi.org/10.1111/1469-8986.3840685>
- Allen, T. W. (1986). Styles of exploration in control, attention deficit disorder with hyperactivity and learning disabled children. *J Learn Disabil*, 19(6), 351-353. doi: <http://dx.doi.org/10.1177/002221948601900609>
- Arns, M., de Ridder, S., Strehl, U., Breteler, M., & Coenen, T. (2009). Efficacy of Neurofeedback treatment in ADHD: The effects on Inattention, Impulsivity and Hyperactivity: A meta-analysis. *Clinical EEG and Neuroscience*, 40(3), 180-189. doi: <http://dx.doi.org/10.1177/155005940904000311>
- Babiloni, C., Del Percio, C., Iacoboni, M., Infarinato, F., Lizio, R., Marzano, N., ... Eusebi, F. (2007). Golf putt outcomes are predicted by sensorimotor cerebral EEG rhythms. *The Journal of Physiology*, 586(1), 131-139. doi:
<http://dx.doi.org/10.1113/jphysiol.2007.141630>
- Baehr, E., Rosenfeld, J. P. y Baehr, R. (1997). The clinical use of an Alpha Asymmetry Protocol in the neurofeedback treatment of depression. *Journal of Neurotherapy*, 2(3), 10-23. doi: 10.1300/J184v02n03_02
- Baehr, E., Rosenfeld, J. P. y 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, 11-18.
- Baehr, E., Rosenfeld, J. P., Baehr, R. y Earnest, C. (1999). 8 - Clinical use of an alpha asymmetry neurofeedback protocol in the treatment of mood disorders. En R. E. James y A. Andrew (Eds.), *Introduction to quantitative EEG and neurofeedback* (pp. 181-201). San Diego: Academic Press

- ▶ Banaschewski, T., Coghill, D., Santosh, P., Zuddas, A., Asherson, P., Buitelaar, J., ... Taylor, E. (2006). Long-acting medications for the hyperkinetic disorders. *European Child & Adolescent Psychiatry*, 15(8), 476-495. doi: <http://dx.doi.org/10.1007/s00787-006-0549-0>
- ▶ Barnea, A., Rassis, A., & Zaidel, E. (2005). Effect of neurofeedback on hemispheric word recognition. *Brain and Cognition*, 59(3), 314-321. doi: <http://dx.doi.org/10.1016/j.bandc.2004.05.008>
- ▶ Barry, R. J., Clarke, A. R., McCarthy, R., & Selikowitz, M. (2002). EEG coherence in attentiondeficit/hyperactivity disorder: a comparative study of two DSM-IV types. [Comparative Study]. *Clinical neurophysiology*, 113(4), 579-585. doi: [http://dx.doi.org/10.1016/S1388-2457\(02\)00036-6](http://dx.doi.org/10.1016/S1388-2457(02)00036-6)
- ▶ Boyd W. D., & Campbell S.E. (1998). EEG Biofeedback in the Schools. The Use of EEG Biofeedback to Treat ADHD in a School Setting. *Journal of Neurotherapy: Investigations in Neuromodulation, Neurofeedback and Applied Neuroscience*, 2(4), 65- 71. doi: http://dx.doi.org/10.1300/J184v02n04_05
- ▶ Bresnahan, S. M., Anderson, J. W., & Barry, R. J. (1999). Age-related changes in quantitative EEG in attention-deficit/hyperactivity disorder. *Biological Psychiatry*, 46(12), 1690- 1697. doi: [http://dx.doi.org/10.1016/S0006-3223\(99\)00042-6](http://dx.doi.org/10.1016/S0006-3223(99)00042-6)
- ▶ Butnik, S. M. (2005). Neurofeedback in adolescents and adults with attention deficit hyperactivity disorder. *Journal of Clinical Psychology*, 61(5), 621-625. doi: <http://dx.doi.org/10.1002/jclp.20124>
- ▶ Castellanos, F. X., & Tannock, R. (2002). Neuroscience of attention-deficit/hyperactivity disorder: the search for endophenotypes. [Review]. *Nature Reviews Neuroscience*, 3(8), 617-628. doi: <http://dx.doi.org/10.1038/nrn896>
- ▶ Clarke, A. R., Barry, R. J., Bond, D., McCarthy, R., & Selikowitz, M. (2002). Effects of stimulant medications on the EEG of children with attention-deficit/hyperactivity disorder. *Psychopharmacology (Berl)*, 164(3), 277-284. doi: <http://dx.doi.org/10.1007/s00213-002-1205-0>
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., & Selikowitz, M. (1998). EEG analysis in AttentionDeficit/Hyperactivity Disorder: a comparative study of two subtypes. *Psychiatry Research*, 81(1), 19-29. doi: [http://dx.doi.org/10.1016/S0165-1781\(98\)00072-9](http://dx.doi.org/10.1016/S0165-1781(98)00072-9)
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., & Selikowitz, M. (2001a). Age and sex effects in the EEG: differences in two subtypes of attention-deficit/hyperactivity disorder. *Clinical Neurophysiology*, 112(5), 815-826. doi: [http://dx.doi.org/10.1016/S1388-2457\(01\)00487-4](http://dx.doi.org/10.1016/S1388-2457(01)00487-4)

- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., & Selikowitz, M. (2001b). Excess beta activity in children with attention-deficit/hyperactivity disorder: an atypical electrophysiological group. *Psychiatry Research*, 103(2-3), 205-218. doi: [http://dx.doi.org/10.1016/S0165-1781\(01\)00277-3](http://dx.doi.org/10.1016/S0165-1781(01)00277-3)
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., & Selikowitz, M. (2002). EEG differences between good and poor responders to methylphenidate in boys with the inattentive type of ADHD. *Clinical Neurophysiology*, 113.
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., Selikowitz, M., Brown, C. R., & Croft, R. J. (2003). Effects of stimulant medications on the EEG of children with ADHD Predominantly Inattentive type *International Journal of Psychophysiology*, 47(2), 129-137.
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., Selikowitz, M., & Johnstone, S. J. (2007). Effects of stimulant medications on the EEG of girls with Attention-Deficit/Hyperactivity Disorder. *Clinical Neurophysiology*, 118(12), 2700-2708. doi: 10.1016/j.clinph.2007.08.020
- ▶ Clarke, A. R., Barry, R. J., McCarthy, R., Selikowitz, M., Magee, C., Johnstone, S., & Croft, R. (2006). Quantitative EEG in low-IQ children with attention-deficit/hyperactivity disorder. *Clinical Neurophysiology*, 117(8), 1708-1714. doi: <http://dx.doi.org/10.1016/j.clinph.2006.04.015>
- ▶ Coben, R., & Evans, J. R. (2011). *Neurofeedback and neuromodulation techniques and applications* (1st ed.). London ; Burlington, MA: Academic.
- ▶ Cohen, J. D. (1995). Psychosocial therapies for children and adolescents: Overview and future directions. *Journal of Abnormal Child Psychology*, 23(1), 141-156. doi: 10.1007/bf01447049
- ▶ Chabot R.J., Merkin H., Wood L.M., Davenport T.L., & Serfontein G. (1996). Sensitivity and specificity of QEEG in children with attention deficit or specific developmental learning disorders. *Clinical EEG Electroencephalography*, 27(1), 26-34. doi: <http://dx.doi.org/10.1177/155005949602700105>
- ▶ Chabot, R. J., & Serfontein, G. (1996). Quantitative electroencephalographic profiles of children with attention deficit disorder. *Biological Psychiatry*, 40(10), 951-963. doi: [http://dx.doi.org/10.1016/0006-3223\(95\)00576-5](http://dx.doi.org/10.1016/0006-3223(95)00576-5)
- ▶ Chattoor I., Wells Karen C., Conners, C. K., Seidel , W. T., & Shaw, D. (1983). The Effects of Nocturnally Administered Stimulant Medication on EEG Sleep and Behavior in Hyperactive Children. *Journal of the American Academy of Child Psychiatry*, 22(4), 337- 342.

- ▶ Chen, W., & Black, J. (2005). Quantitative analysis of the sleep electroencephalogram. In C. Guilleminault (Ed.), Clinical Neurophysiology of Sleep DisordersHandbook of Clinical Neurophysiology (Vol. 6). Amsterdam, The Netherlands: Elsevier B.V.
- ▶ Cynthia Kerson,C., Sherman, R. A. y Kozlowski, G.P.(2009). Alpha Suppression and Symmetry Training for Generalized Anxiety Symptoms.Journal of Neurotherapy, 13,146-155.
- ▶ Dixon, T. (2011). Understanding Anxiety Problems. Recuperado de <http://www.helpfor.com/anxietybook.pdf>
- ▶ Drechsler, R., Straub, M., Doehner, t. M., Heinrich, H., Steinhausen, H., & Brandeis, D. (2007). Controlled evaluation of a neurofeedback training of slow cortical potentials in children with Attention Deficit/Hyperactivity Disorder (ADHD). Behavioral and Brain Functions, 3(1), 35. doi: <http://dx.doi.org/10.1186/1744-9081-3-35>
- ▶ Drechsler, R., Straub, M., Doehnert, M., Heinrich, H., Steinhausen, H. C., & Brandeis, D. (2007). 1Controlled evaluation of a neurofeedback training of slow cortical potentials in children with Attention Deficit/Hyperactivity Disorder (ADHD). Behavioral and brain functions : BBF, 3, 35. doi: 10.1186/1744-9081-3-35
- ▶ Duff, J. (2014). Chapter Fourteen - Nutrition for ADHD and Autism. In D. S. Cantor & J. R. Evans (Eds.), Clinical Neurotherapy (pp. 357-381). Boston: Academic Press.
- ▶ Duric, N., Assmus, J., Gundersen, D., & Elgen, I. (2012). Neurofeedback for the treatment of children and adolescents with ADHD: a randomized and controlled clinical trial using parental report. BMC Psychiatry, 12(1), 107.
- ▶ Egner, T., & Gruzelier, J. H. (2001). Learned self-regulation of EEG frequency components affects attention and event-related brain potentials in humans. Neuroreport, 12(18), 4155- 4159. doi: <http://dx.doi.org/10.1097/00001756-200112210-00058>
- ▶ Egner, T.,Strawson, E. y Gruzelier, J.(2002). EEG signature and phenomenology of alpha/theta neurofeedback training versus mock feedback. Applied Psychophysiology and Biofeedback, 27(4), 261-270.

- ▶ Evans, J. R. (2007). *Handbook of neurofeedback : dynamics and clinical applications*. New York: Haworth Medical Press.
- ▶ Evans S. W., Owens J. S., & Bunford N. (2014). Evidence-Based Psychosocial Treatments for Children and Adolescents with Attention-Deficit/Hyperactivity Disorder. *Journal of Clinical Child & Adolescent Psychology*, 43(4), 527–551. doi: <http://dx.doi.org/10.1080%2F15374416.2013.850700>
- ▶ Faridnia, M., Shojaei, M. y Rahimi, A. (2012). The effect of neurofeedback training on the anxiety of elite female swimmers. *Annals of Biological Research*, 3, 1020-1028.
- ▶ Fuchs, T., Birbaumer, N., Lutzenberger, W., Gruzelier, J. H., & Kaiser, J. (2003). Neurofeedback treatment for attention deficit hyperactivity disorder in children a comparison with methylphenidate. *Applied Psychophysiology and Biofeedback*, 28.
- ▶ Gevensleben, H., Holl, B., Albrecht, B., Schlamp, D., Kratz, O., Studer, P., ... Heinrich, H. (2009). Distinct EEG effects related to neurofeedback training in children with ADHD: A randomized controlled trial . *International Journal of Psychophysiology*, 74(2), 149- 157. doi: <http://dx.doi.org/10.1016/j.ijpsycho.2009.08.005>
- ▶ Gevensleben H., Holl B., Albrecht B., Vogel C., Schlamp D., Kratz O., ... Heinrich H. (2009). Is neurofeedback an efficacious treatment for ADHD? A randomised controlled clinical trial. *Journal of Child Psychology and Psychiatry*, 50(7), 780-789. doi: 10.1111/j.1469- 7610.2008.02033.x
- ▶ Gruzelier, J., Foks, M., Steffert, T., Chen, M., & Ros, T. (2011). The benefits and feasibility of neurofeedback with children in School. *Neuroscience Letters*, 500(July 2011), e35. doi: <http://dx.doi.org/10.1016/j.neulet.2011.05.168>
- ▶ Gruzelier, J., Thompson, T., Redding, E., Brandt, R., & Steffert, T. (2013). Application of alpha/theta neurofeedback and heart rate variability training to young contemporary dancers: State anxiety and creativity. *International Journal of Psychophysiology*. doi: 10.1016/j.ijpsycho.2013.05.004
- ▶ Hammond, D. C. (2004). Treatment of the obsessional subtype of obsessive compulsive disorder with neurofeedback. *Biofeedback*, 32, 9-12.
- ▶ Hermens, D., Kohn, M., Clarke, S., Gordon, E., & Williams, L. (2005). Sex differences in adolescent ADHD: findings from concurrent EEG and EDA. *Clinical Neurophysiology*, 116(6), 1455-1463. doi: <http://dx.doi.org/10.1016/j.clinph.2005.02.012>

- ▶ Hermens, D., Williams, L., Clarke, S., Kohn, M., Cooper, N., & Gordon, E. (2005). Responses to methylphenidate in adolescent AD/HD: Evidence from concurrently recorded autonomic (EDA) and central (EEG and ERP) measures. *International Journal of Psychophysiology*, 58(1), 21-33. doi: 10.1016/j.ijpsycho.2005.03.006
- ▶ Hobbs, M., Clarke, A. R., Barry, R. J., McCarthy, R., & Selikowitz, M. (2007). EEG abnormalities in adolescent males with AD/HD. *Clinical Neurophysiology*, 118(2), 363- 371. doi: 10.1016/j.clinph.2006.10.013
- ▶ Huster, R. J., Mokom, Z. N., Enriquez-Geppert, S., & Herrmann, C. S. (2014). Brain-computer interfaces for EEG neurofeedback: Peculiarities and solutions. *International journal of psychophysiology* 91(1), 36-45. doi: 10.1016/j.ijpsycho.2013.08.011
- ▶ Janzen, T., Graap, K., Stephanson, S., Marshall, W., & Fitzsimmons, G. (1995). Differences in baseline EEG measures for ADD and normally achieving preadolescent males. *Biofeedback and self-regulation*, 20(1), 65-82. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/7786928>
- ▶ Koehler, S., Lauer, P., Schreppel, T., Jacob, C., Heine, M., Boreatti-Hümmer, A., . . . Herrmann, M. J. (2008). Increased EEG power density in alpha and theta bands in adult ADHD patients. *Journal of Neural Transmission*, 116(1), 97-104. doi: 10.1007/s00702-008- 0157-x
- ▶ Lansbergen, M., Dongen, B., Buitelaar, J., & Slaats, W. (2011). ADHD and EEG-neurofeedback: a double-blind randomized placebo-controlled feasibility study. *Journal of Neural Transmission*, 118(2), 275-284. doi: <http://dx.doi.org/10.1007%2Fs00702-010-0524-2> Lansbergen, M. M., van Dongen-Boomsma, M., Buitelaar, J. K., & Slaats-Willemse, D. (2011). ADHD and EEG-neurofeedback: a double-blind randomized placebo-controlled feasibility study. *Journal of Neural Transmission*, 118. doi: 10.1007/s00702-010-0524-2
- ▶ Lazzaro, I., Gordon, E., Li, W., Lim, C. L., & Plahn, M. (1999). Simultaneous EEG and EDA measures in adolescent ADHD. *International Journal of Psychophysiology*, 34. doi: [http://dx.doi.org/10.1016/S0167-8760\(99\)00068-9](http://dx.doi.org/10.1016/S0167-8760(99)00068-9)
- ▶ Lazzaro, I., Gordon, E., Li, W., Lim , C. L., Plahn, M., Whitmont, S., . . . Meares, R. (1999). Simultaneous EEG and EDA measures in adolescent attention deficit hyperactivity disorder. *International Journal of Psychophysiology*, 34(2), 123-134. doi: [http://dx.doi.org/10.1016/S0167-8760\(99\)00068-9](http://dx.doi.org/10.1016/S0167-8760(99)00068-9)
- ▶ Lazzaro, I., Gordon, E., Whitmont, S., Plahn, M., Li, W., Clarke, S., . . . Meares, R. (1998). Quantified EEG activity in adolescent attention deficit hyperactivity disorder. *Clinical Electroencephalography*, 29(1), 37-42. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/9472424>

- ▶ Leins, U., Goth, G., Hinterberger, T., Klinger, C., Rumpf, N., & Strehl, U. (2007). Neurofeedback for Children with ADHD: A Comparison of SCP and Theta/Beta Protocols. *Applied Psychophysiology and Biofeedback*, 32(2), 73-88. doi: <http://dx.doi.org/10.1007/s10484-007-9031-0>
- ▶ Lubar, J. F. (1997). Neocortical Dynamics Implications for Understanding the Role of Neurofeedback an Related Techniques for the Enhancement of Attention. *Applied Psychophysiology and Biofeedback*, 22(2), 111-126. doi: <http://dx.doi.org/10.1023/A:1026276228832>
- ▶ Lubar, J. F., & Bahler, W. W. (1976). Behavioral management of epileptic seizures following EEG biofeedback training of the sensorimotor rhythm. *Biofeedback and Self-Regulation*, 1(1), 77-104. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/825150>
- ▶ Lubar, J. F., Bianchini, K. J., Calhoun, W. H., Lambert, E. W., Brody, Z. H., & Shabsin, H. S. (1985). Spectral analysis of EEG differences between children with and without learning disabilities. [Research Support, Non-U.S. Gov't]. *Journal of Learning Disabilities*, 18(7), 403-408. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/4031640>
- ▶ Mann, C. A., Lubar, J. F., Zimmerman, A. W., Miller, C. A., & Muenchen, R. A. (1992). Quantitative analysis of EEG in boys with attention-deficit-hyperactivity disorder: controlled study with clinical implications. *Pediatric Neurology*, 8(1), 30-36. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/1558573>
- ▶ Martin, N., Scourfield, J., & McGuffin, P. (2002). Observer effects and heritability of childhood attention-deficit hyperactivity disorder symptoms. *The British Journal of Psychiatry*, 180, 260-265. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/11872519>
- ▶ Meisel, V., Servera, M., Garcia-Banda, G., Cardo, E., & Moreno, I. (2013). Neurofeedback and standard pharmacological intervention in ADHD: A randomized controlled trial with sixmonth follow-up. *Biological Psychology*, 94(1), 12-21. doi: <http://dx.doi.org/10.1016/j.biopsych.2013.04.015>
- ▶ Michael, A. J., Krishnaswamy, S., y Mohamed, J. (2005). An open label study of the use of EEG biofeedback using beta training to reduce. *Neuropsychiatric Disease and Treatment*, 1(4), 357-363.
- ▶ Monastra, V. J., Lubar, J. F., Linden, M., VanDeusen, P., Green, G., Wing, W., ... Fenger, T. N. (1999). Assessing attention deficit hyperactivity disorder via quantitative electroencephalography: an initial validation study. *Neuropsychology*, 13(3), 424-433. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/10447303>

- Monastra, V. J., Lynn, S., Linden, M., Lubar, J. F., Gruzelier, J., & LaVaque, T. J. (2005). Electroencephalographic biofeedback in the treatment of attention-deficit/hyperactivity disorder. *Applied Psychophysiology and Biofeedback*, 30(2), 95-114. Obtenido de: <http://www.ncbi.nlm.nih.gov/pubmed/16013783>
- Moore NC. A review of EEG biofeedback treatment of anxiety disorders. *Clin Electroencephalogr* 2000;31(1):1 – 6.
- Pfiffner, L. J., Barkley, R. A., & Dupaul, G. J. (2006). Treatment of ADHD in School Settings. In R. A. Barkley (Ed.), *Attention-Deficit Hyperactivity Disorder: A Handbook for Diagnosis and Treatment* (Third Edition ed., pp. 547-589). New York: The Guilford Press.
- Raymond, J., Varney, C., Parkinson, L. A.y Gruzelier, J. H. (2005). The effects of alpha/theta neurofeedback on personality and mood. *Cognitive Brain Research*, 23(2–3), 287-292. doi: <http://dx.doi.org/10.1016/j.cogbrainres.2004.10.023>
- Rossiter, T., & La Vaque, T. J. (1995). A Comparison of EEG Biofeedback and Psychostimulants in Treating ADHD. *Journal of Neurotherapy*, 1(1), 48-59. doi: http://dx.doi.org/10.1300/J184v01n01_07
- Vernon, D., Egner, T., Cooper, N., Compton, T., Neilands, C., Sheri, A., & Gruzelier, J. (2003). The effect of training distinct neurofeedback protocols on aspects of cognitive performance. *International Journal of Psychophysiology*, 47(1), 75-85. doi: [http://dx.doi.org/10.1016/S0167-8760\(02\)00091-0](http://dx.doi.org/10.1016/S0167-8760(02)00091-0)
- Xiong, Z., Shi, S., & Xu, H. (2005). A Controlled Study of the Effectiveness of EEG Biofeedback Training on Children with Attention Deficit Hyperactivity Disorder. *Journal of Huazhong University of Science and Technology*, 25(3), 368-370. doi: <http://dx.doi.org/10.1007/BF02828171>

NEUROS CENTER



www.neuroscenter.com



C/Gresolet 14, 08034 - Barcelona



admin@neuroscenter.com



Lun-Vie: 10:00am – 8:00pm



+933 28 37 31