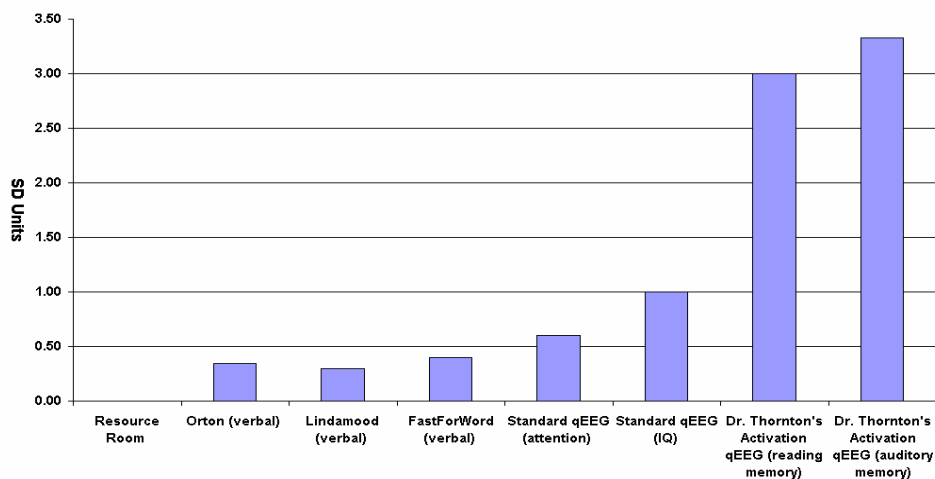


Center for Health Psychology
 2509 Park Ave., S. Plainfield, NJ, 07080
 K. Thornton, Ph.D. ph: 908-753-1800 fx: 908-753-2620
 Email: ket@chp-neurotherapy.com Web: chp-neurotherapy.com

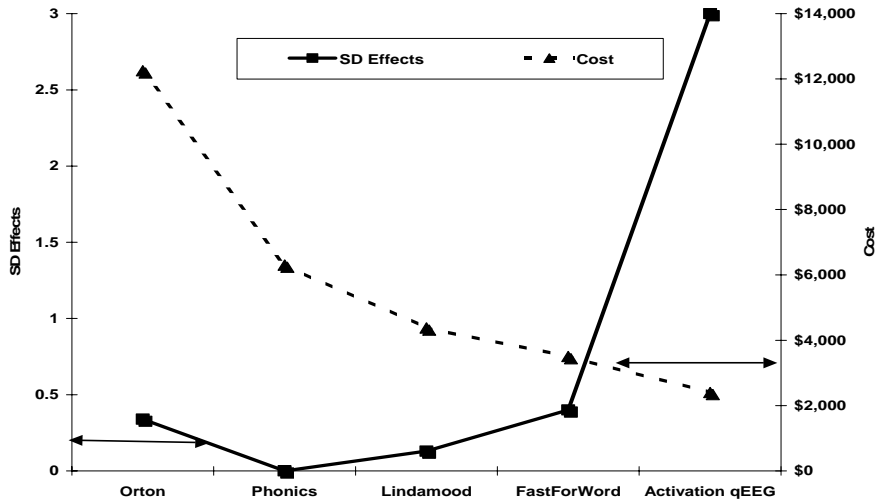
Cost Structure of different programs & effectiveness in Standard Deviation Units
Employing a \$35/session staff fee and # of sessions reported in the research literature
For LD and Special Education Students

Method	# Sessions	Cost	SD Effects
Orton-Gillingham	350	\$12,250	0.34
Phonics	180	\$6,300	0
Lindamood-Bell	125	\$4,375	0.13
FastForWord	100	\$3,500	0.4
Tutoring	75	\$2,625	grade level reading
NJ Spec Ed.	?	\$5,000	?
Chicago Public Schools	?	\$6,000	?
Activation qEEG Guided Neurotherapy	40	\$2,400	3

A Comparison of Different Approaches (in standard deviation units-SD) with respect to different abilities assessed post treatment
Activation qEEG=Neurotherapy/EEG biofeedback

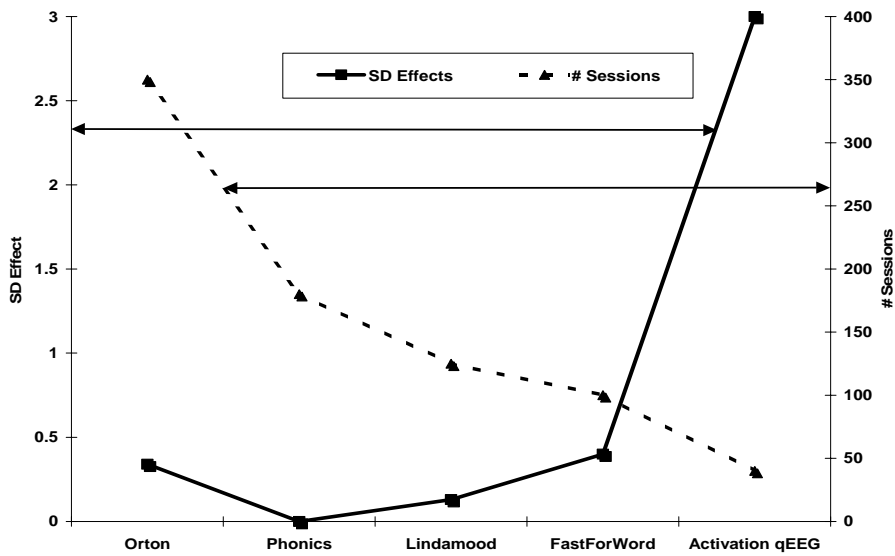


Cost Structure/Program + Standard Deviation (SD) effectiveness of different programs for LD/Special Education children



Conclusion: Neurotherapy Interventions are least expensive and most effective

Sessions + Standard Deviation effects + Program type



Conclusion: Neurotherapy is the most effective program with least # of interventions

REFERENCES

- Kaiser D, Othmer S. Effect of neurofeedback on variables of attention in a large multi-center Trial. *Journal of Neurotherapy* 2000; 4 (1): 5-17.
- Linden M, Habib T, Radojevic V. A controlled study of the effects of EEG biofeedback on cognition and behavior of children with attention deficit disorder and learning disabilities. *Biofeedback and Self Regulation* 1996; 21 (1): 35-49.
- Oakland T, Black JL, Stanford G, Nussbaum NL, Balise RR. An evaluation of the dyslexia training program: A multisensory method for promoting reading in students with reading disabilities. *J Learn Disabil* 1998; 31(2): 140-150.
- Orlando PC, Rivera RO. EEG - Biofeedback for elementary students with identified learning problems. *Journal of Neurotherapy* (in press)
- Othmer S, Othmer SF. EEG Biofeedback Training for Hyperactivity, Attention Deficit Disorder, Specific Learning Disability, and other Disorders, Handout EEG Spectrum, 16100 Ventura Blvd., Ste 100, Encino, Ca, 1992.
- Rossiter R. Neurofeedback for AD/HD: A ratio feedback case study and tutorial. *Journal of Neurotherapy* 2002; 6(3): 9-37.
- Tansey M. Wechsler (WISC-R) changes following treatment of learning disabilities via eeg biofeedback training in a private practice setting. *Australian Journal of Psychology* 1991; 43: 147-153.
- Thompson L, Thompson M. Neurofeedback combined with training in metacognitive strategies: Effectiveness in students with ADD. *Appl Psychophysiol Biofeedback* 1998; 23 (4): 243-263.
- Thornton K. Rehabilitation of memory functioning in brain injured subjects with EEG biofeedback. *J Head Trauma Rehabil* 2000; 15 (6): 1285-1296.
- Thornton K. Rehabilitation of memory functioning with EEG biofeedback. *NeuroRehabilitation* 2002; 17 (1): 69-81.
- Thornton K., Carmody, D. EEG biofeedback for reading disability and traumatic brain injury, *Child and adolescent psychiatric clinics of north america*. (2005), in press
- Tinius TP, Tinius KA. Changes after EEG biofeedback and cognitive retraining in adults with mild traumatic brain injury and attention deficit hyperactivity disorder. *Journal of Neurotherapy* 2000; 4 (2): 27-44.
- www.Lindamood-Bell.com Lindamood-Bell website
- www.Scientificlearning.com FastForWord website