



Fig. 4: This figure summarizes the proposed model for how chronobiological treatments (left top) and neurofeedback (right top) impact on the vigilance system and thereby resulting in vigilance stabilization. Chronobiological treatments have short term effects, for the duration of the treatment, whereas neurofeedback has long-term effects by increasing the synaptic strength within this network, resulting in long-term potentiation (LTP) which increases synaptic sensitivity and the probability of future activation in this network (Serman and Egner, 2006). © Brainclinics 2012

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For more info also see: <http://www.brainclinics.com/neurofeedback>