

Experimental Enhancement of Receptive Psi by Transcerebral Application of Complex Magnetic Fields

Results:

More than two dozen pairs of subjects were exposed to a stimulus and response condition. While the person in the response condition sat blindfolded within a darkened acoustic chamber and received various configurations of pulsed complex magnetic fields whose presentations were rotated in a counterclockwise position around the head, the person in the stimulus setting in another room was given a randomly selected picture. The stimulus person was told to think of the memories associated with the person in the response condition. The greatest congruence between the content of the narratives generated by the stimulus persons and the experiences reported by the persons exposed to the fields occurred when the derivative of change for the rotating field was about 20msec. This specific magnetic configuration, when applied around the heads of the subjects in the chamber, was associated with a peak in power within the 5 Hz to 6 Hz band of individuals setting another room while quantitative electroencephalographic activity was being sampled.

Published Work:

Persinger, M. A., Cook, C. M. & Tiller, S. G. (2002). Enhancement of images of possible memories of others during exposure to circumcerebral magnetic fields: correlations with ambient geomagnetic activity, Perceptual and Motor Skills, 95, 531-543

Richards, M. A., Koren, S. A. & Persinger, M. A. (2002). Circumcerebral application of weak complex magnetic fields with derivatives and changes in electroencephalographic power spectra within the theta range: implications for states of consciousness. Perceptual and Motor Skills, 95, 671-686

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