

PI PHONEMIC INTELLIGENCE

SUMMARY OF CURRENT SCIENTIFIC RESEARCH

1. Analysis of Cerebral Cortical Response to Non-Linguistic Phonemes, World Care Clinical: 2016

A pilot study with lead Harvard researcher and Director of Clinical Molecular Neuroimaging at Massachusetts General Hospital, Dr. Mykol Larvie. Functional MRI was used to examine the impact of PI on the brain.

2. Detroit Public Schools: February 2015 – August 2015, data evaluation ongoing

Studies the implementation and evaluation of a PI Program in fifth grade students within the Detroit Public School System (Thirkell, Henderson Academy and Marquette) to evaluate academic and behavioral intervention efficacy using Star Math and Star Reading evaluation tools.

75 students in the 5th grade at three separate schools in DPS system were enrolled in the treatment group using level 2 - PI technique. 75 5th grade students were in the control group.

3. Mild Cognitive Decline Study, Florida (private practice doctor's office): data completion November 2014, data evaluation ongoing

Examines the cognitive benefits of using a PI program in addition to routine medical treatment in older adults with mild cognitive impairment as measured by neuropsychological testing and QEEG brain mapping

4. Phonemic Effects on the Human Brain as seen with EEG: A Pilot Study by Brain Science International: 2012

EEG sensors recorded brain activity while participants practiced the PI Core Technique. Independent Component Analysis (ICA) was done to analyze, identify, and see the location of each sound's effect

The efficacy of the technique was shown to produce a signature sound wave within one minute of practicing, along with the activation of the Anterior Cingulate Cortex.
