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SERIES 89

Dr. Shahzad Aasim

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Neuro Acoustic Methodologies for Diagnosis and Treatment of Various Neuro-psychiatric Disorders at Early Stage

Neuropsychiatric disorders are challenging to diagnose due to the complexity of their symptoms and individual variations in presentations. Music has been considered as one of the oldest treatment mechanisms and almost all of the developed countries are working in this area to diagnose and cure for many neuropsychiatric disorders including Parkinson's, Alzheimer's, Dementia etc. In our research a non invasive mixed method approach has been proposed which combines both qualitative and quantitative methods for formulating a scale for these psychiatric disorders. The proposed research will provide an extensive study on brain wave spectrums of involving subjects. The results will be synchronized with the Neuro Acoustic Loop Spectrum (NALs) which has been already identified for various Neuro Psychiatric disorders. The quantification of specific frequencies (Acoustic loops) which will ameliorate the various disorders after their identification can also be correlated with various biochemical parameters. A thorough analysis will also be carried out to quantify the changes effected by these NALs in long term. The main focus of this proposed research project is to investigate the potential of NALs as a diagnostic tool for neuropsychiatric disorders.