

4<sup>th</sup> World Congress on **PATHOLOGY AND CLINICAL PRACTICE**September 20<sup>th</sup>, 2022 | Webinar**Relationship between Brain and behaviour: Evidence from Aphasia**

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**Statement of the Problem:** Aphasia refers to acquired neurological disorder caused due to lesion in the brain. It is caused due to stroke, trauma and tumour. The characteristics of aphasia are directly dependent on the size and site of lesion. This neuron-pathological evidence enables in understanding the brain-behaviour relationship. **Methodology & Theoretical Orientation:** The study would involve a retrospective design. 4 cases with different site of lesion would be considered and the characteristics of these cases in regard to comprehension, expression, repetition, naming, reading and writing. **Conclusion & Significance:** Through the case studies, the relationship between brain and behaviour would be analysed and thus the neuron-pathological evidence would serve as a tool in understanding how behaviours are controlled by brain and how impairment at the level of brain can cause language deficits.

**Biography**

Dr Abhishek currently works as Assistant Professor at the Department of Speech-Language Pathology and Centre of Speech Language Sciences at AIISH Mysore. He was working as Lecturer in Speech Sciences at AIISH and Associate Professor at Nitte Institute of Speech and Hearing Mangalore and has over 9 years of teaching experience. He has several research publications under his credit. His area of interest includes Language processing and language disorders in adults.

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