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**Original article:**

**Evaluation of Brainstem Auditory Evoked Potentials in stable patients with COPD**

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**Abstract:**

**Introduction:** Aim of our study is to evaluate Brainstem Auditory Evoked Potentials in stable patients with COPD.

**Material &methods**: in this study, 100 subjects were included: 50 Stable COPD patients with no clinical neuropathy; 50 age matched healthy volunteers as control groups. BAEP waves were recorded and compared in both the groups.

**Results: We** observed significantly prolonged latencies of waves III over right side and waves II & III over left side. We also observed significantly prolonged Interpeak latencies of I – III over right side and waves I - III over left side.

**Conclusion: we** observed significant BAEP abnormalities in the stable COPD patients with no clinical neuropathy.

**Keywords:** Chronic Obstructive PulmonaryDisease **(**COPD) ,Brainstem Evoked Response Audiometry

( BERA) , Brainstem Auditory Evoked Potential (BAEP)