

IDENTIFICATION OF AUDITORY NEUROPATHY AMONG HIGH-RISK INFANTS

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The purpose of this study was to identify the presence of Auditory Neuropathy among high - risk infants to have hearing loss. A total of 38 subjects from NICU, HUKM with the aged range from 40 to 45 weeks of conceptional age, were selected using simple randomized sampling. Out of all the subjects, 22 (57.9%) subjects were female and 16 (42.1%) subjects were male. All the subjects were divided into 2 groups, which was one risk factor group and multiple risk factor group. 22 subjects had one risk factor and 16 had multiple risk factor. Otoscopic examination, ABR, C₊, TEOAE, AR and tympanometry test were done on the 38 subjects. Based on the pass/fail criteria, the data was analyzed descriptively. As a conclusion, this study found that 100% subjects showed negative AN. This study suggests that further research needs to be done with the risk factor of the subjects are strictly controlled.

Che Hussin, S.S. 2001. Identification of Auditory Neuropathy Among High Risk Infants. Bachelor of Audiology Thesis. Universiti Kebangsaan Malaysia.