

## ***Comparison of interaural attenuation between insert receiver made from button receiver and standard earphone***

### ***abstract***

**Objective:** Comparison of interaural attenuation between insert receiver made from button receiver and Standard earphone.

**Design:** Quasi - experimental survey.

**Place and date:** Department of audiology, School of Rehabilitation Sciences IJMS, 1999-2000.

**Subjects:** Forty 20-25 years old, male students with bilateral normal hearing.

**Results:** 1) IA Obtained with insert receiver at frequencies 250, 500, 1000 and 2000 Hz was greater than those produced by standard earphone specially there will be reducing of IA difference between insert receiver and earphone of frequency increases.

2) Average IA values becomes larger for air-conduction by standard earphone as frequency increase.

3) There was no significant correlation between frequency and mean IA obtained by insert receiver.

**Conclusion:** Since our insert receiver is easily available, cheap, convenient to use and less prone for masking dilemma than standard earphones using it as insert receiver is desirable. Audiologists can use them to solve masking dilemma.

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**Keywords:** Interaural Attenuation / Insert Receiver / Standard Receiver