Teaching Series: Aviation Medicine

Pure Tone Audiometry

Case Report

A 29 yrs old female aviator reported with complaints of bilateral diminished hearing of four months duration. There was history of her mother too developing hearing loss early in life.

On Examination tympanic membranes were normal and mobile. Tuning fork tests revealed conductive hearing loss on both sides with Weber’s lateralising to the right.

Pure Tone Audiogram of right ear displayed above shows significant air bone gap and a notch at 2 KHz in bone conduction

1. What is the diagnosis?

2. What is the notch at 2 KHz called as?

3. What is the key word for management at this stage?

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