The DizzyQuest: relation between self-reported hearing loss, tinnitus and objective hearing thresholds in patients with Meniere’s disease

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Audiometric iPad-based hearing test results of 15 patients over 21 study days. Horizontal axis indicates the frequencies ranging from 250 to 8000Hz. Vertical axis indicates the hearing thresholds in dB. The colors indicate the individual study days. AD = right ear. AS = left ear.
Patient 3 - Conductive hearing audiogram (AD)
Patient 4 - Conductive hearing audiogram (AD)
Patient 4 - Conductive hearing audiogram (AS)
Patient 5 - Conductive hearing audiogram (AD)
Patient 5 - Conductive hearing audiogram (AS)

Hearing threshold (dB)

Frequency (Hz)

-10
0
10
20
30
40
50
60
70
80
90
100

250
500
1000
2000
4000
8000

20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
Patient 6 - Conductive hearing audiogram (AS)

Hearing threshold (dB)

Frequency (Hz)

20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
0
Patient 7 - Conductive hearing audiogram (AD)
Patient 7 - Conductive hearing audiogram (AS)
Patient 8 - Conductive hearing audiogram (AD)
Patient 9 - Conductive hearing audiogram (AD)
Patient 9 - Conductive hearing audiogram (AS)
Patient 10 - Conductive hearing audiogram (AD)

Hearing threshold (dB)

Frequency (Hz)
Patient 12 - Conductive hearing audiogram (AS)
Patient 13 - Conductive hearing audiogram (AS)
Patient 14 - Conductive hearing audiogram (AS)
Patient 15 - Conductive hearing audiogram (AD)
Patient 15 - Conductive hearing audiogram (AS)

Hearing threshold (dB) vs Frequency (Hz)

-20 - 0 - 10 - 20 - 30 - 40 - 50 - 60 - 70 - 80 - 90 - 100

250 500 1000 2000 4000 8000

20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 0