Supplementary Online Content


eFigure 1. Effect of CAD on hearing
eFigure 2. Effect of DM on hearing
eFigure 3. Effect of CVA on hearing
eFigure 4. Effect of hypertension on hearing
eFigure 5. Effect of smoking on hearing

This supplementary material has been provided by the authors to give readers additional information about their work.
Online-Only Figures: Impact of each cardiovascular comorbidity on hearing.

**eFigure 1. Effect of CAD on hearing.** Subjects with CAD demonstrated higher thresholds at all frequencies tested compared to those without CAD by the following differences and 95% confidence intervals: 0.25 kHz: 4.86 (1.79, 7.94), 0.5 kHz: 6.41 (3.10, 9.73), 1 kHz: 7.38 (3.85, 10.91), 2 kHz: 4.81 (1.19, 8.44), 3 kHz: 4.32 (0.07, 8.56), 4 kHz: 5.08 (1.55, 8.62), 6 kHz: 7.71 (3.21, 12.22), 8 kHz: 3.14 (0.04, 6.24).

**eFigure 2. Effect of DM on hearing.** Subjects with DM demonstrated higher thresholds at all frequencies tested compared to those without DM by the following differences and 95% confidence intervals: 0.25 kHz: 4.80 (1.25, 8.35), 0.5 kHz: 5.58 (1.73, 9.43), 1 kHz: 5.74 (1.70, 9.78), 2 kHz: 5.15 (1.12, 9.18), 3 kHz: 4.36 (0.11, 8.61), 4 kHz: 3.70 (0.08, 7.32), 6 kHz: 3.77 (-1.02, 8.55), 8 kHz: 1.05 (-2.62, 4.71).

**eFigure 3. Effect of CVA on hearing.** Subjects with CVA demonstrated higher thresholds at all frequencies tested compared to those without CVA by the following differences and 95% confidence intervals: 0.25 kHz: 4.67 (0.38, 8.95), 0.5 kHz: 5.73 (1.04, 10.41), 1 kHz: 6.55 (1.60, 11.51), 2 kHz: 3.52 (-1.56, 8.61), 3 kHz: 2.34 (-3.46, 8.15), 4 kHz: 1.31 (-3.68, 6.30), 6 kHz: 1.59 (-4.96, 8.14), 8 kHz: 3.19 (-1.45, 7.83).

**eFigure 4. Effect of hypertension on hearing.** Subjects with HTN demonstrated higher thresholds at most frequencies tested compared to those without HTN by the following differences and 95% confidence intervals: 0.25 kHz: 3.12 (-0.58, 6.82), 0.5 kHz: 3.37 (0.04, 6.70), 1 kHz: 3.86 (0.09, 7.63), 2 kHz: 2.54 (-1.47, 6.55), 3 kHz: -0.86 (-5.76, 4.05), 4 kHz: 1.09 (-2.80, 4.98), 6 kHz: 1.72 (-3.46, 6.90), 8 kHz: -0.08 (-3.78, 3.63).

**eFigure 5. Effect of smoking on hearing.** Thresholds between smokers and non-smokers differed by the following magnitudes and 95% confidence intervals: 0.25 kHz: 0.83 (-4.49, 6.15), 0.5 kHz: 2.01 (-3.46, 7.48), 1 kHz: 0.59 (-5.00, 6.17), 2 kHz: -0.20 (-5.41, 5.01), 3 kHz: 0.42 (-4.84, 5.69), 4 kHz: -1.96 (-6.82, 2.90), 6 kHz: -2.05 (-7.99, 3.89), 8 kHz: 0.47 (-4.08, 5.02).