

Dansk standard for audiometri ved ørekirurgi

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Hvorfor dokumentere?

- Videnskab
- Evidens
- Ressourcebehov

"Forbedrede" resultater

- Kun 0,5 + 1 + 2 kHz
- ABG opgøres på postoperativ AC og præoperativ BC
- Carhart-effekt 15 dB ved 2 kHz

Committee on Hearing and Equilibrium AAO-HNS, 1995

Eneste guidelines

- Mål altid oktaverne 0,5 til 8 kHz samt 3 (maskering?)
- Rapportér postoperativ ABG: (1 år)
pta- 0,5/ 1/ 2/ 3 kHz
- Sammenlign præ- og postop. BC (≥ 6 uger)
pta-1/2/4kHz (overclosure/ iatrogene skader)
- Rapportér/gem også gerne rådata ("level 2")

Belfast Rule of Thumb (Smyth & Patterson 1985)

Det andet øre "normalt"

Succes:

- Postoperativ AC: 0-30 dB HL
- Sidedforskel: <15 dB

Mindre vigtig:

- Høregevinsten i dB

Glasgow Benefit Plot (1)

(Browning, Gatehouse, Swan 1991)

Hvad får patienten ud af det?

- Præoperativ AC, begge ører
- Kategorisering
 1. Unilateral - asymmetri
 2. Bilateral – asymmetri
 3. Bilateral – symmetri
- Rådgivning

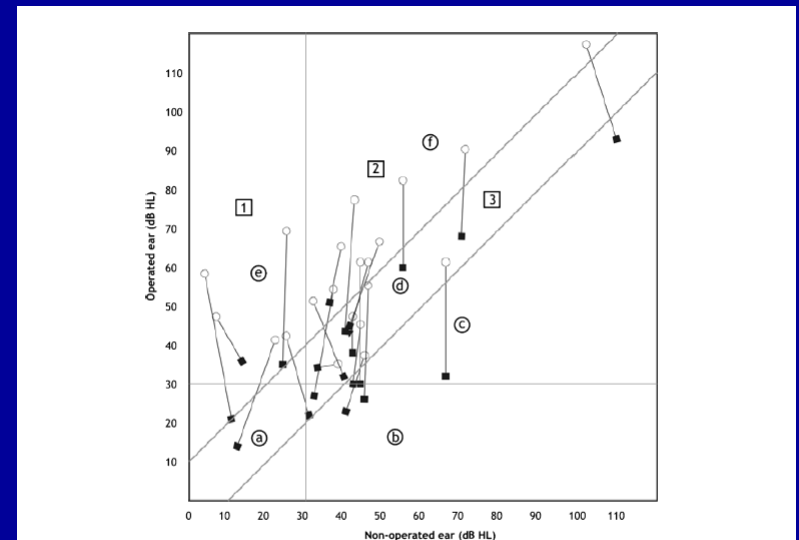


Fig. 2. Glasgow Benefit Plot for 21 subjects. The line is drawn from the pre-operative (open circle) to post-operative (closed square) air conduction four frequency average threshold. Pre-operative areas are defined as: 1 – unilateral hearing loss, 2 – bilateral asymmetric hearing loss, 3 – bilateral symmetric hearing loss. Post-operative areas are defined as: a – normal hearing, b – normal unilateral hearing with better operated ear, c – bilateral impaired hearing with better operated ear, d – symmetrically impaired hearing, e – normal unilateral hearing with better non-operated ear, f – bilateral impaired hearing with better non-operated ear.

Glasgow Benefit Plot (2)

(Browning, Gatehouse, Swan 1991)

Hvad *fik* patienten ud af det?

- Postoperativ AC, begge ører
- Kategorisering
 - a. Bilateral normal
 - b. Unilateral normal
 - c. Op.øret bedre, men ikke normal
 - d. Symmetrisk høretab
- Analyse

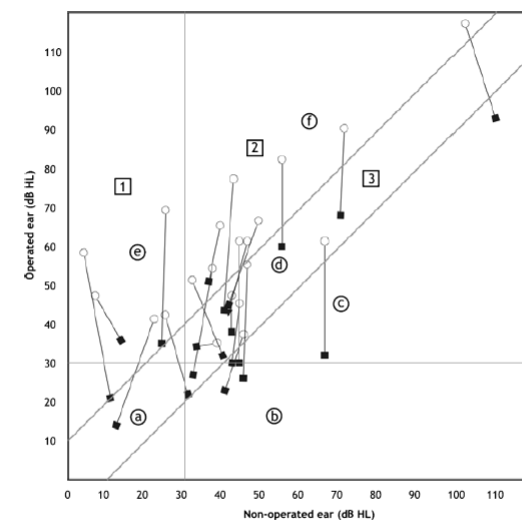


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Sammenfatning

1. PTA 0,5+1+2+3 (samme audiogram)
2. Pre- og Postoperativ ABG (og BC)
3. AC og ABG forbedring
4. PTA 1+2+4, BC ændring (overclosure)
5. SRT, DS
6. Validerede spørgeskemaer