

Appendix I: Combined ABR dBnHL to dBeHL correction values – by transducer

In the tables below, combined corrections are **added** to the thresholds in dBnHL to give the estimated threshold in dBeHL. Derivation is explained in section 8.

| AC - INSERTS | Tone pip/click ABR | | | | | Chirp | | | |
|---------------------------------|--------------------|-----|-----|-----|-------|-------|-----|----|----|
| Corrected age | 0.5k | 1k | 2k | 4k | Click | 0.5k | 1k | 2k | 4k |
| ≤12 weeks (≤84 days) | -15 | -10 | -5 | 0 | 5 | -10 | -5 | 0 | 5 |
| 13 to 24 weeks (85–168 days) | -20 | -15 | -10 | -5 | 0 | -15 | -10 | -5 | 0 |
| > 24 weeks (>168 days) | -20 | -15 | -10 | -10 | -5 | -15 | -10 | -5 | -5 |

| AC - SUPRA-AURAL EARPHONES | Tone pip/click ABR | | | | | Chirp | | | |
|-------------------------------|--------------------|-----|-----|-----|-------|-------|-----|----|----|
| Corrected age | 0.5k | 1k | 2k | 4k | Click | 0.5k | 1k | 2k | 4k |
| All ages | -20 | -15 | -10 | -10 | -5 | -15 | -10 | -5 | -5 |

| BC | Tone pip/click ABR | | | | | Chirp | | | |
|---|--------------------|-----|-----|-----|--------------|-------|-----|----|----|
| Corrected age | 0.5k | 1k | 2k | 4k | Click | 0.5k | 1k | 2k | 4k |
| ≤12 weeks (≤84 days) | 5 | 5 | -5 | 0 | See below | 10 | 10 | 0 | 5 |
| 13 to 24 weeks (85 - 168 days) | 0 | 0 | -10 | -5 | -5 | 5 | 5 | -5 | 0 |
| 25 weeks to 2 years (169 - 730 days) | -5 | -5 | -10 | -10 | -5 | 0 | 0 | -5 | -5 |
| >2 years (>730 days) | -20 | -15 | -10 | -10 | -5 | -15 | -10 | -5 | -5 |

BC Click

| Corrected age | Gestational age | Click† |
|---------------|-----------------|--------|
| -4 weeks | 36 weeks | |
| 0 weeks | 40 weeks | +4 |
| 6 weeks | 46 weeks | 0 |
| 12 weeks | 52 weeks | -2 |

For clicks, where the corrected age is between the values in the previous column, interpolation may be used (note that this is done in S4H).