

## Combined dBnHL to dBeHL correction values for ABR– by transducer.

(from Early Assessment guidelines v 3.1 -July 2013 - Appendix 1)

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 wk (>168 days)	-20	-15	-10	-10	-5	-15	-10	-5	-5

AC - HEADPHONES	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	+7
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 eSP).