

Evaluation of the Danish translation of the IOI-HA

C. Thunberg Jespersen¹, M. Bille², J. Groth¹ & T. Hansen³

¹) Research Audiology, GN ReSound as

²) Audiological Department, Bispebjerg Hospital, Copenhagen, Denmark

³) Technical Audiological Laboratory, Odense, Denmark

Correspondance to:

Charlotte Thunberg Jespersen

Research Audiology

GN ReSound as

Maarkaervej 2a

DK-2630 Taastrup

Denmark

Phone: +45 72 111 204

E-mail: cjespersen@gnresound.dk

GN ReSound group: Numbers as a function of sex and age, according to the following proposed template

	female	male
< 20 years	0	0
20-39 years	2	4
40-59 years	27	21
60-79 years	41	64
≥ 80 years	4	10

Bispebjerg hospital group: Numbers as a function of sex and age, according to the following proposed template

	female	male
< 20 years	0	0
20-39 years	12	6
40-59 years	37	44
60-79 years	148	192
≥ 80 years	149	79

GN ReSound group: Audiological status

	BEA	WEA
0-25 dB (no loss)	6	1
26-40 dB (slight impairment)	25	13
41-60 dB (moderate impairment)	85	82
61-80 dB (severe impairment)	33	40
≥ 81 dB (profound impairment)	24	37

Bispebjerg hospital: Audiological status

	BEA	WEA
0-25 dB (no loss)	51	14
26-40 dB (slight impairment)	264	185
41-60 dB (moderate impairment)	298	343
61-80 dB (severe impairment)	48	92
≥ 81 dB (profound impairment)	6	33

GN ReSound: Prosthetic

	better ear	worse ear
unaided	6	4
acoustic aid	167	169
bone-anchored aid	0	0
cochlear implant/hybrid	0	0

Bispebjerg hospital: Prosthetic

	better ear	worse ear
unaided	NA	NA
acoustic aid	NA	NA
bone-anchored aid	0	0
cochlear implant/hybrid	0	0

Unilateral fittings: 282 & Bilateral fittings: 385

Remarks

The Danish translation of the IOI-HA was evaluated in three independent studies. Data were collected by Michael Bille from the Audiological Department at Bispebjerg Hospital which is part of the Danish National Hearing Health Services, by Jennifer Groth and Charlotte T. Jespersen in the Research Audiology group at GN ReSound as, and by Thomas Hansen at the DELTA Technical-Audiological Laboratory. Demographic data is available from the study made at Bispebjerg hospital and GN ReSound as.