Quality assessment							Nº of patients		Effect			
Nº of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Hearing aids	no hearing aids or placebo hearing aids	Relative (95% Cl)	Absolute (95% CI)	Quality	Importance
Hearing-	specific health	-related qual	ity of life (follow-u	p: range 6 weel	ks to 16 weeks	; assessed with: HHII	E (range 0 to 1	00)) ^a				
3	randomised trials	serious _{b,c,d,e}	not serious	not serious	not serious	none	385	337	-	mean 26 lower (42 lower to 11 lower)	⊕⊕⊕⊖ MODERATE	
Health-re	lated quality c	of life (follow-	up: range 2 month	ns to 16 weeks;	assessed with	: WHO-DAS II (range	e 0 to 100) or S	ELF (range 54	to 216))	<u> </u>		<u>-</u>
2	randomised trials	serious ^{b,e}	not serious	not serious	not serious	none	281	287	-	SMD 0.38 SD lower (0.55 lower to 0.21 lower)	⊕⊕⊕⊖ MODERATE	

Table 62: Clinical evidence profile: hearing aids versus no hearing aids for mild to moderate hearing loss in adults

Quality assessment						№ of patients		Effect				
Nº of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Hearing aids	no hearing aids or placebo hearing aids	Relative (95% Cl)	Absolute (95% Cl)	Quality	Importance
2	randomised trials	serious _{b,c,d,e}	not serious	not serious	not serious	none	293	241	-	SMD 1.88 SD lower (3.24 lower to 0.52 lower)	⊕⊕⊕⊖ MODERATE	
Adverse	effect - noise-i	induced hear	ing loss				•	·				
1	randomised trials	not serious	not serious	serious ^f	very serious	none	Adverse effects related to pain were measured in one study: none were reported.				⊕◯◯◯ VERY LOW	
Adverse	effect - noise-i	induced hear	ing loss									
1	randomised trials	not serious	not serious	serious ^f	very serious	none		ts related to no ed in one study:		⊕⊖⊖⊖ VERY LOW		

Abbreviations: CI: Confidence interval; SMD: Standardised mean difference; RR: Risk ratio

Explanations

^a Hearing Handicap Inventory for the Elderly (HHIE), Self Evaluation of Life Function (SELF), World Health Organisation Disability Assessment Schedule II (WHO-DAS II), Profile of Hearing Aid Performance (PHAP), Abbreviated Profile of Hearing Aid Benefit (APHAB)

^b Quality of evidence downgraded by 1 level because unclear or high risk of selection, performance and detection bias.

^c We considered downgrading for inconsistency due to observed statistical heterogeneity but did not apply this. The data consistently showed large beneficial effects of using hearing aids for mild to moderate hearing loss despite the apparent differences in study designs and populations. Our confidence in the size of the effect is not affected.

^d We considered downgrading due to indirectness as some data were obtained after a short follow-up period (six weeks) but did not apply this. Large beneficial effects were observed regardless of duration of follow-up.

^e We considered downgrading due to indirectness as some analyses included data from male military veterans but we did not apply this. Effect sizes were consistent within each outcome despite differences in study samples and designs (small beneficial effect for HRQoL; large beneficial effect for hearing-specific HRQoL and listening ability).

^f Very serious imprecision as the sample size was very small. There was serious indirectness because only people with mild to moderate Alzheimer's disease were included in the study

			Quality as	sessment	No of patients		Effect	Quality	Importance				
No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Hearing aids versus no/placebo hearing aids	Control	Relative (95% Cl)	Absolute	,		
Hearing-specific health-related quality of life -													
	randomised trials		no serious inconsistency	serious	serious	none	104	50	-	MD 10.54 lower (15.26 to 5.82 lower)	⊕000	CRITICAL	
Hearing-s	pecific				1	1							
	randomised trials			no serious indirectness	no serious imprecision	none	281	287	-	MD 33.43	⊕⊕⊕O	CRITICAL	
Health-rel	ated quality o	of life (WH	O Disability Asses	ssment Schedule	e 2.0 (range 0-10	0, lower is better))	·)	•	••				
	randomised trials		no serious inconsistency	no serious indirectness	serious	none	189	191	-	MD 6.46 lower (9.38 to 3.54 lower)	⊕⊕00	CRITICAL	
Health-rel	ated quality o	of life (Sel	f-evaluation of Life	e Function (range	e 0-100, lower is	better))							
-	randomised trials		no serious inconsistency	no serious indirectness	serious	none	92	96	-	MD 4.8 lower (10.09 lower to 0.49 higher)	⊕⊕00	CRITICAL	
Listening	ability (Profile	e of heari	ng aid performand	e (PHAP, range	0-1, lower is bet	ter))							
	randomised trials		no serious inconsistency	no serious indirectness	no serious imprecision	none	104	50	-	MD 0.15 lower (0.2 to 0.1 lower)	⊕⊕⊕O	IMPORTANT	
Listening	ability (Abbre	viated pr	ofile of hearing ai	d benefit (APHAE	8, range 0-100, le	ower is better))							
	randomised trials		no serious inconsistency	no serious indirectness	no	none	189	191	-	MD 33.1 lower (35.68 to 30.52 lower)	⊕⊕⊕O	IMPORTANT	