

Table 1 Spirit flow diagram. Schedule of enrolment, interventions, and assessments

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome measurements	-T2	-T1	T0 (Baseline)	T1 (6 months)	T2 (12 months)	T3 (18 months)
ENROLMENT:							
	Eligibility screen		x				
	Informed consent		x				
	Allocation	x					
INTERVENTIONS:							
	Care as Usual (Hearing aid fitting)	x	—————			x	
	Intervention (Hearing aid fitting + SUPR)	x	—————			x	

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome	-T2	-T1	T0	T1	T2	T3
	measurements			(Baseline)	(6 months)	(12 months)	(18 months)

ASSESSMENTS:

Demographic

variables

Gender

x

Age

x

Marital status

x

Living situation

x

Level of
education

x

Occupational
status

x

Country of birth
participant

x

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome measurements	-T2	-T1	T0 (Baseline)	T1 (6 months)	T2 (12 months)	T3 (18 months)
Country of birth participant's parents				x			
Hearing status	Pure tone audiogram			x			
<i>Primary outcome measures - HAUs</i>							
The use of communication strategies	CPHI - Maladaptive Behaviours, Verbal Strategies, and Non-verbal Strategies subscales			x	x	x	x
<i>Secondary outcome measures - HAUs</i>							

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome measurements	-T2	-T1	T0 (Baseline)	T1 (6 months)	T2 (12 months)	T3 (18 months)
Personal adjustment to hearing impairment	CPHI - Self-acceptance, Acceptance of Loss, and Stress and Withdrawal subscales			x	x	x	x
Self-efficacy of hearing aid handling	-MARS-HA - Basic handling subscale			x	x	x	x
	-MARS-HA - Advanced handling subscale				x	x	x
Self-reported hearing aid use	-IOI-HA (item 1)				x	x	x
	-Use questionnaire				x	x	x
Objective hearing aid use	-Data-logging				x	x	x

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome measurements	-T2	-T1	T0 (Baseline)	T1 (6 months)	T2 (12 months)	T3 (18 months)
Self-reported intervention outcomes	-IOI-HA (items 2-7)/IOI-AI (all 7 items)				x	x	x
Satisfaction with the hearing aid dispenser service	“How likely is it that you would recommend the service of the HAD practice to other people (family, friends, colleagues?)”			x	x	x	x
Self-reported activity limitations and participation restrictions	AIADH			x	x	x	x

		Allocation	Enrolment	Post-Allocation and Enrolment			
		of HAD practices					
TIMEPOINT	Outcome	-T2	-T1	T0	T1	T2	T3
	measurements			(Baseline)	(6 months)	(12 months)	(18 months)
Readiness to do something about one's hearing problems	-URICA - Precontemplation/Contemplation/Action stages			x	x	x	x
	-URICA - Maintenance stage				x	x	x
Emotional response	HHDI - Emotional response subscale			x	x	x	x
<i>Secondary outcome measures - CP</i>							
Third-party disability	SOS-HEAR			x	x	x	x
Self-reported	IOI-HA-SO/IOI-				x	x	x

intervention AI-SO

outcomes from

the perspective

of the CP

Abbreviations: HAD practice: hearing aid dispensing practice, SUPR: Support PRogramme, HAU: hearing aid user, CPHI: Communication Profile for the Hearing Impaired, MARS-HA: Measure of Audiologic Rehabilitation Self-Efficacy for Hearing Aids, IOI-HA: International Outcome Inventory - Hearing Aids, IOI-AI: International Outcome Inventory - Alternative Interventions, AIADH: Amsterdam Inventory for Auditory Disability and Handicap, URICA: University of Rhode Island Change Assessment - for Hearing health behaviour, HHDI: Hearing Handicap and Disability Inventory, CP: Communication Partner, SOS-HEAR: Significant Other Scale for Hearing Disability, IOI-HA-SO: International Outcome Inventory Significant Other - Hearing Aids, IOI-AI-SO: International Outcome Inventory Significant Other - Alternative Interventions.