Synthesized concepts	Density	Hearing aid categories			List of studies
		Conventional HAs	Smartphone- connected HAs	DTC HAs	
Social/ environmental influences	5	✓	$\checkmark$		Chundu et al. (2021); Gomez et al. (2021); Keidser et al. (2019); Lockey et al. (2010); Maidment et al. (2019)
Self-perceived hearing loss or self-perceived need	4	✓			Chundu et al. (2021); Gallagher & Woodside (2018); Guerra-Zúñiga et al. (2014); Linssen et al. (2013)
Significant others	4	✓			Guerra-Zúñiga et al. (2014); Laplante-Levesque et al. (2012); Laplante-Levesque et al. (2013); Lockey et al. (2010)
Appearance and design	4	✓	✓	~	Keidser et al. (2019); Laplante-Levesque et al. (2012); Manchaiah et al. (2019); McPherson & Wong (2005)
Cost	4		$\checkmark$	~	Choi et al. (2019); Keidser et al. (2019); Maidment et al. (2019); Manchaiah et al. (2019)
Audiological service delivery	3	✓		✓	Chundu et al. (2021); Laplante-Levesque et al. (2013); Choi et al. (2019)
Attitude of hearing aid owner	3	✓			Chundu et al. (2021); Gallagher & Woodside (2018); Lockey et al. (2010)
Impact on daily life	3	✓	$\checkmark$		Gomez et al. (2021); Koskela et al. (2016); Lockey et al. (2010)
Digital literacy skills	3		$\checkmark$		Gomez et al. (2021); Maidment et al. (2019); Ng et al. (2017)
Psychosocial	3	✓	$\checkmark$		Gomez et al. (2021); Guerra-Zúñiga et al. (2014); Lockey et al. (2010)
Handling	3	✓	√	✓	Chundu et al. (2021); Maidment et al. (2019); Manchaiah et al. (2019)
Self-perceived benefit or satisfaction	2	~		~	Laplante-Levesque et al. (2012); Manchaiah et al. (2019)
Necessity	2	✓			Chundu et al. (2021); Laplante-Levesque et al. (2013)
Features/functions/ technology	2	√			Chundu et al. (2021); Laplante-Levesque et al. (2013)
Physical fit	2	✓		√	Laplante-Levesque et al. (2012); Manchaiah et al. (2019)
Sound quality	2	✓		✓	Laplante-Levesque et al. (2012); Manchaiah et al. (2019)
Accessibility	2			✓	Choi et al. (2019); Manchaiah et al. (2019)
Hearing loss severity	1	✓			Guerra-Zúñiga et al. (2014)
Information counselling	1	✓			Laplante-Levesque et al. (2013)
Capabilities of hearing aid owner	1		$\checkmark$		Maidment et al. (2019)
Hearing loss or hearing aid self- management	1		$\checkmark$		Gomez et al. (2021)
Hearing aid owner's goals	1		$\checkmark$		Maidment et al. (2019)
Group aural rehabilitation	1			✓	Choi et al. (2019)
Support service	1			√	Manchaiah et al. (2019)

## Supplementary Table 6. Synthesized concepts about experiences related to hearing aid use: facilitators of hearing aid use (sub-domain 2c).

Note: DTC = Direct-to-consumer; HA = hearing aids