The Swedish Quality Register for Otosclerosis Surgery (SQOS) A description of the structure and data collection process from 2013-2020 Version 01-10-2020

	Second questionnaire (6 months to 2 years after surgery)	
		Third questionnaire (approx. 1 year after surgery)
•	Filled in by the surgeon at follow up visit or at non-follow up. Questions that are not mandatory *	The third questionnaire is filled in either via a secured web- link sent by e-mail or by ordinary mail.
 Social security number (date of birth and gender) Date of surgery Out- or inpatient surgery: yes/no Side of surgery: left/right Previous otosclerosis surgery in the other ear: yes/no ^α Revision surgery Surgical indication: one or several of hearing/vertigo or dizziness/other – free text Previous surgery: stapedotomy/ stapedectomy/floating footplate/ mobilization of stapes/other or unknown – free text Previous prosthesis: one of piston Teflonplatina/piston titan/nitinol/Teflon/ other syntheses prosthesis/malleus 	Reason for non-follow up: One of not obedient return visit/deceased/ relocated/other – free text Date of follow up Postoperative audiogram Date of postoperative audiogram Bone conduction (0.5, 1, 2, 3, 4 kHz) for the operated ear Air conduction (0.5, 1, 2, 3, 4 kHz) for the non-operated ear Air conduction (0.25, 0.5, 1, 2, 3, 4, 6, 8 kHz) for both ears Speech audiometry (noiseless or in noise) for both ears * µ Adverse symptoms or events: Yes/no for each of; after surgery developed worse tinnitus/taste disturbance/vertigo-dizziness/NVII symptoms * Yes/no for ear infection within 6 weeks postoperatively * Other important information (free text) * Validation text (date and adjustment) §	Social security number (date of birth and gender) Date of filling the questionnaire Questions: Are you satisfied with the information that was given to you before surgery? This question is answered with five alternatives; very satisfied/satisfied/very dissatisfied How do you experience the hearing in the operated ear one year after surgery? As compared to prior to the operation, how is your ability to conduct with daily activities now (work, studies, leisure)? These questions are answered with five alternatives: much better/better/unchanged/ worse/much worse Are You using hearing aid? If yes: left, right or both ears? # Do you have tinnitus in the operated ear? If yes: it better, unchanged or worse as compared to prior to surgery? Do you have any other adverse symptoms which you relate to surgery? If yes: explain (free text)

March 3, 2016:

Q2 questionnaire was supplemented with detailed questions regarding usage of hearing aid after surgery (specified for each ear)

October 19, 2016:

Time from date of surgery to follow up was limited to 9-24 months.

March 29, 2017:

Time from date of surgery to date of follow up was limited to 6-24 months.

^o May 17, 2017:

Questions regarding not completed surgery was introduced.

§ January 17, 2019:

Adding information regarding validation of hearing tests.

October 1, 2020:

- $^{\mu}\,\text{Speech}$ audiometry was introduced in base-line questionnaire and Q2
- $^{\delta}$ Population registration community at time of surgery was introduced

Base-line questionnaire was supplemented with:

- $^{\alpha}\, \text{detailed}$ questions regarding revision surgery
- ^β detailed questions regarding adverse findings and perioperative complications warnings noticing the surgeon that audiogram data might be falsely entered (i.e. left/right and bone/air conduction errors)

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