

**Appendix A, Supplemental Digital Content 1.** Summary of responses to Questions 6-24 on the PDA “long form” survey. These questions were asked when a hearing problem situation was reported to occur “since the last alert,” i.e. “yes” to Question 1. Arrows in this table indicate branching follow-up questions when a “yes” response was entered by the participant.

Summary of responses to Questions 6-24 on the PDA “long form” questionnaire. These questions were asked when a hearing problem situation was reported to occur “since the last alert,” i.e. “yes” to Question 1 (n=372).

	Mean	SD
<b>Question 6:</b> How much of a problem was noise in your surroundings? (scale 1-7)	4.0	2.1
<b>Question 7:</b> How much hearing difficulty did you have in the situation? (scale 1-7)	5.1	1.4
<b>Question 8:</b> How important to you was hearing in this situation? (scale 1-7)	5.4	1.5
<b>Question 9:</b> How much did the hearing problem in this situation annoy, bother or upset you? (scale 1-7)	3.7	1.6
<b>Question 10:</b> Did other people seem annoyed, bothered or upset by the hearing problem?	Number of Responses (%)	
Not at all	122	32.8%
I was alone	54	14.5%
Yes	43	11.6%
No	63	16.9%
Don't know	90	24.2%
Total:	372	

Question 11: Were you wearing your hearing aids during this hearing problem situation?	Number of Responses (%)		→	If 'Yes' to Question 11		
	Mean	SD		Mean	SD	
Yes	286	76.9%	→	<b>Question 12:</b> How much did your hearing aids help you? (scale 1-7)	4.6	1.6
No	86	23.1%		<b>Question 13:</b> How satisfied were you with your hearing aids? (scale 1-7)	4.9	1.6
Total:	372					

Question 14: Did you say or do something to deal with the difficulty in this situation?	Number of Responses (%)		→	If 'Yes' to Question 14		
	Mean	SD		Mean	SD	
Yes	257	69.1%	→	<b>Question 15:</b> What did you say or do?	Number of Responses (%)	
No	115	30.9%		Said something to help	83	32.3%
Total:	372			Moved to a better location	29	11.3%
				Modified the environment	80	31.1%
				Relaxed myself	14	5.4%
				Said/did something else	51	19.9%
				Subtotal:	257	
				Mean	SD	
			<b>Question 16:</b> Was what you said or did helpful? (scale 1-7)	5.7	1.3	

<b>Question 17:</b> How satisfied were you with what you said or did? (scale 1-7)	5.8	1.1
<b>Question 18:</b> Where did you learn what you said or did?	Number of Responses (%)	
Audiologist or dealer	19	7.4%
Workshop, lecture, etc.	53	20.6%
Thought of / found myself	154	59.9%
Friend, relative, etc.	5	2.0%
Don't know or other	26	10.1%
Subtotal:	257	

**Question 19:** Did you use another device besides hearing aids to deal with the hearing difficulty?

	Number of Responses (%)	
Yes	45	12.1%
No	327	87.9%
Total:	372	

If 'Yes' to Question 19	Mean	SD
<b>Question 20:</b> Was this other device helpful? (scale 1-7)	5.8	1.3
<b>Question 21:</b> How satisfied were you with the device? (scale 1-7)	5.9	1.4

<b>Question 22:</b> Did you learn of the device from:	Number of Responses (%)	
Audiologist or dealer	17	37.8%
Workshop, lecture, etc.	10	22.2%
Thought of / found myself	14	31.1%
Friend, relative, etc.	1	2.2%
Don't know or other	3	6.7%
Subtotal	45	

**Question 23:** How many hearing problem situations have you had since the last alert?

	Number of Responses (%)	
None	19	5.1%
One	190	51.1%
Two	87	23.4%
Three or more	76	20.4%
Total:	372	

**Question 24:** How often did you wear your hearing aids since the last alert? (scale 1-7)

Mean	SD
5.5	2.1