

Supplemental Digital Content, Table 3. Temporal Bone Literature Review Study Features

Subject	Age of Onset (years)	Age of Death (years)	Sex	Ear (Laterality)	Hair Cells*	Supporting Cells*	Tectorial Membrane*	Stria Vascularis*	Spiral Ganglion*	Spiral Limbus*
Merchant et al. (2005)										
1	63	67	M	L	1	1	0	1	0	0
2	57	57	M	R	1	1	1	1	0	1
3	39	59	F	R	0	1	1	0	0	0
4	65	85	F	R	1	1	0	0	0	0
5	43	45	F	L	1	1	0	0	0	0
6	63	64	M	R	1	1	0	0	0	0
7	52	85	F	L	1	1	0	1	1	1
8	68	87	M	L	1	1	1	1	1	1
9	63	67	M	R	0	0	0	0	1	0
10	43	48	F	L	1	1	0	0	0	0
11	25	47	M	L	1	1	1	1	1	1
12	46	46	M	R	0	0	0	0	0	0
13	40	83	F	R	1	1	0	1	1	1
14	10	94	F	R	1	1	0	1	1	1
15	65	94	F	L	1	1	0	1	0	0
16	78	80	M	R	0	0	0	0	0	0
17	78	80	M	L	1	1	0	1	1	0
Schuknecht et al. (1986)										
18	63	67	M	L	1	1	0	1	0	
19	57	57	M	R	0	0	1	1	0	
20	39	59	F	R	0	1	1	1	0	
21	65	85	F	R	1	1	0	0	0	
22	43	44	F	L	1	1	0	0	0	
23	63	64	M	R	1	1	0	0	0	
24	52	85	F	L	1	1	0	1	1	
25	68	87	M	L	1	1	1	1	0	
26	63	67	M	R	0	0	0	0	1	
27	43	48	F	L	1	1	0	0	0	
28	25	47	M	L	1	1	1	1	1	
29	46	46	M	R	0	0	0	0	0	
Yoon et al. (1990)										
30a**	7	20	M	R	1		0	0	1	
30b**	7	20	M	L	0		0	0	1	
31	6	71	M	L	1		1	1	1	
32	41	51	F	R	1		1	0	1	
33a**	40	72	M	R	1		0	1	1	
33b**	40	72	M	L	1		0	0	1	
34	51	66	M	R	1		0	1	1	
35a**	16	29	M	R	0		0	1	1	
35b**	16	29	M	L	1		1	1	1	
36	54	54	M	R	1		1	1	1	
37	14	22	F	R	1		1	1	1	
Vasama et al. (2000)										
38	79		F		1			1	0	0
39	77		F		1			1	0	0
40	61		F		1			1	1	0
41	76		F		1			1	1	0
42	75		F		1			1	1	0
43	94		F		1			1	1	1
44	65		F		1			1	1	0
45	77		M		1			1	1	0
46	71		M		1			1	0	0
47	95		M		1			1	1	0
48	42		M		1			1	1	1
49	75		M		1			1	1	0
Khetarpal et al. (1990)										
50	52	64	M		1	1	1	1	1	1
51	52	64	M		1	1	1	1	0	1
52	52	64	M		1	1	1	1	0	1
53	52	64	M		1	1	1	1	0	1
54	52	64	M		1	1	1	1	1	1
55	52	64	M		1	1	1	1	0	1
56	49	60	M		1	1	1	1	1	1
57	49	60	M		1	1	1	1	0	1
58	49	60	M		1	1	0	1	0	0
59	49	60	M		1	1	1	1	0	1
60	49	60	M		1	1	1	1	0	0
61	49	60	M		1	1	1	1	0	0
62	13	49	M		1	1	1	1	1	1
63	13	49	M		1	1	1	1	1	1
64	13	49	M		1	1	1	1	1	1
65	13	49	M		1	1	1	1	1	1
66	13	49	M		1	1	1	1	1	1
67	13	49	M		1	1	1	1	1	1
Bahmad (2003)										
68	40	62	M	L	1		0	1	1	

*Cell types denoted "1" or "0" with "1" signifying abnormal findings on histopathology

**Patients with bilateral hearing loss with each ear included individually, denoted with "a" and "b"