

**Supplementary Table 1.** Classifications and incidences of temporal bone fracture according to range of involvement area of temporal bone

Temporal bone subsite	Initial audio	Follow-up audio
Involved subsite		
M	83 (85.6)	64 (90.1)
ME	63 (65.0)	47 (66.2)
EAC	48 (49.5)	39 (55.0)
O	41 (42.3)	38 (53.5)
Detailed involved subsite		
M	10 <sup>a)</sup> (10.3)	10 <sup>a)</sup> (14.1)
ME	3 (3.1)	1 (1.4)
EAC	4 (4.1)	1 (1.4)
M+ME	16 <sup>a)</sup> (16.5)	7 <sup>a)</sup> (9.9)
M+EAC	11 <sup>a)</sup> (11.3)	9 <sup>a)</sup> (12.7)
ME+EAC	1 (1.0)	1 (1.4)
M+ME+EAC	6 <sup>a)</sup> (6.2)	4 <sup>a)</sup> (5.6)
O+M	1 (1.0)	1 (1.4)
O+ME	2 (2.1)	0
O+M+ME	17 <sup>a)</sup> (17.5)	14 <sup>a)</sup> (19.7)
O+M+EAC	3 (3.1)	3 (4.2)
O+M+ME+EAC	23 <sup>a)</sup> (23.7)	20 <sup>a)</sup> (28.2)
Total	97 (100.0)	71 (100.0)

Values are presented as number (%).

M, mastoid; ME, middle ear; EAC, external auditory canal; O, ossicles.

<sup>a)</sup>Groups performed further analysis on the audiologic evaluations.