

On-line Table: Results (%) for identification of the different anatomic structures at the lateral skull base obtained by scanning the temporal bone and whole-head specimens with MSCT, fpDVT, and fpVCT

	MSCT		fpDVT		fpVCT	
	TB	WH	TB	WH	TB	WH
1 Tympanic membrane	64.44	55.56	75.56	47.22	95.56	61.11
Malleus						
2 Manubrium	75.56	86.11	97.78	88.89	100.00	83.33
3 Neck	71.11	83.33	95.56	88.89	100.00	83.33
4 Head	88.89	88.89	100.00	88.89	100.00	91.67
5 Lateral process	46.67	61.11	55.56	61.11	66.67	61.11
6 Anterior process	42.22	58.33	46.67	50.00	57.78	52.78
7 Incudomalleal joint	55.56	61.11	80.00	61.11	100.00	66.67
Mean	63.33	73.14	79.26	73.15	87.41	73.15
Incus						
8 Body	88.89	94.44	95.56	91.67	97.78	97.22
9 Short crus	73.33	88.89	86.67	86.11	95.56	83.33
10 Long crus	82.22	91.67	88.89	88.89	95.56	94.44
11 Lenticular process	42.22	58.33	66.67	61.11	75.56	52.78
12 Incudostapedial joint	37.78	44.44	75.56	61.11	82.22	50.00
Mean	64.89	75.55	82.67	77.78	89.34	75.55
Stapes						
13 Head	42.22	50.00	66.67	55.56	68.89	47.22
14 Collum stapedis	33.33	36.11	57.78	44.44	66.67	44.44
15 Posterior crus	55.56	58.33	73.33	63.89	93.33	58.33
16 Anterior crus	53.33	58.33	73.33	63.89	86.67	58.33
17 Basis of the stapes	57.78	69.44	55.56	44.44	84.44	66.67
18 Stapedius muscle	33.33	38.89	55.56	63.89	77.78	30.56
Mean	45.93	51.85	63.71	56.02	79.63	50.93
Tympanic cavity/mastoid/ cochlea/labyrinth						
19 Tensor tympani muscle	73.33	80.56	82.22	72.22	88.89	69.44
20 Roof of tympanic cavity	93.33	88.89	100.00	88.89	88.89	83.33
21 Oval window	77.78	80.56	86.67	77.78	91.11	72.22
22 Anterior semicircular canal	97.78	88.89	97.78	88.89	97.78	91.67
23 Posterior semicircular canal	97.78	88.89	97.78	88.89	97.78	91.67
24 Lateral semicircular canal	97.78	88.89	97.78	88.89	97.78	91.67
25 Vestibular aqueduct	51.11	72.22	82.22	75.00	75.56	72.22
26 Cochlear aqueduct	44.44	52.78	75.56	69.44	75.56	69.44
27 Cochlear bony labyrinth	100.00	100.00	100.00	100.00	88.89	88.89
28 Modiolus	97.78	88.89	100.00	83.33	86.67	77.78
29 Spiral lamina	53.33	44.44	55.56	38.89	73.33	47.22
30 Round window	62.22	69.44	91.11	77.78	95.56	75.00
31 Facial canal	60.00	66.67	80.00	80.56	97.78	94.44
32 Geniculate ganglion	48.89	69.44	75.56	86.11	82.22	86.11
33 Stapedial canal	28.89	33.33	75.56	52.78	88.89	58.33
34 Internal ear canal	100.00	100.00	100.00	97.22	88.89	88.89
35 Vestibular nerve canal	75.56	69.44	93.33	80.56	86.67	75.00
36 Superior vestibular nerve canal	35.56	36.11	55.56	47.22	66.67	52.78
37 Inferior vestibular nerve canal	33.33	41.67	60.00	58.33	71.11	63.89
38 Cochlear canal	57.78	61.11	97.78	88.89	97.78	91.67
Mean	69.33	71.11	85.22	77.08	86.89	77.08
Mean of all structures	63.98	68.57	80.29	72.44	86.37	71.71

Note:—MSCT indicates multisection CT; fpDVT, flat panel digital volume tomography; fpVCT, flat panel volume CT; TB, temporal bone specimen; WH, whole-head specimen.