

Table 1S Data for three-, four-, five- and six-sided “pyramids” for suprazygomatic and posterior infrazygomatic approaches. Abbreviations: H1- head 1, H2- head 2, H3- head 3, H4 - head 4, H5 – head 5, Ω - solid angle, \bar{P} - average lateral edge length, S - estimated area on the skin from where the target area could be reached.

Posterior infrazygomatic								Suprazygomatic					
Left side					Right side			Left side			Right side		
	Head	Ω	\bar{P} (cm)	S (cm ²)	Ω	\bar{P} (cm)	S (cm ²)	Ω	\bar{P} (cm)	S (cm ²)	Ω	\bar{P} (cm)	S (cm ²)
3-sided	H 1	0.090	6.58	3.89	0.023	9.75	2.20	0.139	4.89	3.32	0.040	4.95	0.98
	H 2	0.130	5.73	4.27	0.121	4.90	2.90	0.098	5.10	2.56	0.127	4.12	2.16
	H 3	0.091	6.19	3.49	0.067	5.73	2.18	0.155	5.47	4.63	0.074	5.39	2.15
	H 4	0.059	8.55	4.28	0.071	7.63	4.14	0.087	5.73	2.87	0.132	6.31	5.24
	H 5	0.128	7.58	7.34	0.120	7.69	7.09	0.081	5.32	2.30	0.045	5.78	1.51
4-sided	H 1	0.102	6.23	3.94	0.124	6.79	5.71	0.151	4.81	3.50	0.045	4.65	0.97
	H 2	0.136	5.46	4.06	0.178	5.34	5.08	0.100	4.98	2.48	0.137	3.93	2.11
	H 3	0.151	6.22	5.86	0.131	5.78	4.38	0.174	5.31	4.91	0.074	5.34	2.12
	H 4	0.088	8.42	6.27	0.126	7.19	6.51	0.108	5.22	2.94	0.116	6.07	4.26
	H 5	0.140	7.50	7.88	0.174	7.38	9.47	0.092	5.35	2.63	0.061	5.72	1.98
5-sided	H 1	0.104	6.40	4.27	0.120	6.75	5.48	0.151	4.93	3.68	0.047	4.57	0.99
	H 2	0.132	5.65	4.21	0.203	5.25	5.60	0.103	5.12	2.69	0.136	4.46	2.71
	H 3	0.146	6.30	5.80	0.127	5.71	4.14	0.187	5.38	5.42	0.079	5.27	2.19
	H 4	0.095	8.60	7.02	0.130	6.50	5.48	0.095	5.46	2.84	0.122	6.15	4.63
	H 5	0.166	7.65	9.69	0.172	7.35	9.29	0.102	5.43	3.01	0.056	5.83	1.90
6-sided	H 1	0.107	6.58	4.64	0.126	6.79	5.71	0.154	5.07	3.96	0.050	4.78	1.13
	H 2	0.131	5.24	3.60	0.220	5.28	6.13	0.110	4.87	2.61	0.140	4.11	2.36
	H 3	0.141	6.19	5.41	0.141	5.59	4.41	0.186	5.39	5.41	0.085	5.35	2.44
	H 4	0.109	8.31	7.55	0.127	7.34	6.83	0.103	5.70	3.34	0.122	6.18	4.65
	H 5	0.157	7.03	7.73	0.198	7.08	9.92	0.128	5.67	4.12	0.065	5.67	2.08

Table 2S Demographic data of included subjects. Abbreviations: H1- head 1, H2- head 2, H3- head 3, H4 - head 4, H5 – head 5, F – female, M - male

	Sex	Age (years)	Transverse head diameter (cm)
H 1	F	89	15.40
H 2	F	92	14.15
H 3	F	61	15.01
H 4	M	57	16.89
H 5	M	81	14.52