

Tables

Table 1: Patient characteristics and group comparisons

Characteristics:		IOH (n = 10)	NIOH (n = 203)	P Value:
Age	Months (median, SD)	23.5 ± 12.63	26.0 ± 40.98	0.26
Gender	Male	5 (50%)	83 (40.9%)	0.56
	Female	5 (50%)	120 (59.1%)	
Ethnicity	Arab	6 (60%)	129 (63.5%)	0.81
	Jewish	4 (40%)	68 (33.5%)	
	Other	0 (0%)	6 (3%)	
Type of surgery	Unilateral	2 (20%)	142 (70%)	<0.01
	Bilateral	8 (80%)	61 (30%)	
Etiology of deafness	Heredity	8 (80%)	163 (80.3%)	0.59
	Acquired	1 (10%)	8 (3.9%)	
	Unknown	1 (10%)	32 (15.8%)	
POF	Yes	2 (20%)	29 (14.3%)	0.64
Post-operative complications*	Yes	2 (20%)	28 (14.3%)	0.64
Anesthesia length** Median (IQR)		289 (252-354.75)	189 (159-286)	0.025
Temp. (°C) Median (IQR)	During operation	36.9 (36.4-37.4)	36.1 (35.6-36.43)	<0.001
	Peak	38.3 (38-38.6)	36.9 (36.3-37.2)	<0.001
	Beginning of operation	35.9 (35.6-36.2)	35.8 (35.3-36.3)	0.64
	End of operation	38.3 (37.8-38.5)	36.7 (36.1-37.2)	<0.001
Number ICU of admissions		1 (14%)	1 (1%)	0.01

IOH, intra-operative hyperthermia; NIOH, non-intra-operative hyperthermia. *Seven patients in the NIOH group did not have data regarding complications. **Intra-operative parameters: n = 7 in the IOH group and n =101 in the NIOH group.

Table 2: Multivariate analysis, potential risk factors for POF

Characteristic:	Odds Ratio	95% CI	P Value
Age in months	0.99	0.97-1.00	0.13
Gender (males)	2.22	1.00-4.92	0.05
Ethnicity (Arab Beduin)	1.54	0.62-3.80	0.35
Bilateral procedure	1.25	0.52-3.00	0.62
Etiology (hereditary)	1.09	0.11-10.74	0.93
Intra-operative hyperthermia	1.08	0.19-5.95	0.92

Table 3: Multivariate analysis of potential risk factors for post-operative complication in CI surgery

Characteristic:	Odds Ratio	95% CI	P Value
Age in months	0.99	0.98-1.01	0.79
Gender (males)	1.46	0.65-3.27	0.35
Ethnicity (Arab Beduin)	1.16	0.48-2.79	0.74
Bilateral procedure	1.57	0.64-3.82	0.32
Etiology (hereditary)	1.29	0.14-12.03	0.82
Intra-operative hyperthermia	1.11	0.20-5.97	0.89
Post-operative fever	1.42	0.51-3.97	0.49