

Table 1: Patients’ profiles

	Before propensity matching			After propensity matching		
	ADM (n=33)	Control (n=142)	P-value	ADM (n=30)	Control (n=30)	P-value
Age (year)	43.6±14.3	50.7±14.0	0.010	45.6±13.0	45.7±14.7	0.993
Male (%)	21(64%)	99(70%)	0.447	18(60%)	20(66%)	0.592
Type of tumor			0.280			0.815
pleomorphic adenomas	16(48%)	63(44%)		16(54%)	14(47%)	
Warthin's tumors	15(46%)	56(39%)		13(43%)	15(50%)	
basal cell adenoma	1(3%)	1(1%)		0	0	
Nerve Schwannoma	1(3%)	1(1%)		1(3%)	1(3%)	
Other	0	21(15%)		0	0	
Size of tumor(cm)	2.5±0.9	4.2±1.8	<0.001	2.5±0.9	2.3±0.7	0.345
Volume of specimen(cm <sup>3</sup> )	38.6±30.3	48.8±29.8	<0.001	39.4±29.2	30.7±30.0	0.264
Type of parotidectomy			0.008			0.664
Superficial parotidectomy	5(15%)	34(24%)		4(13%)	6(20%)	
Partial superficial parotidectomy	27(82%)	82(58%)		25(83%)	23(77%)	
Subtotal parotidectomy	1(3%)	6(4%)		1(4%)	1(3%)	
Total parotidectomy	0	20(14%)		0	0	
Hypertension	8(24%)	33(23%)	0.902	6(20%)	10(33%)	0.243
Diabetes mellitus	0	3(2%)	0.922	0	0	-

ADM: acellular dermal matrix.