Oncology Research and Treatment

Research Article

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Online Supplemental Material

Online supplemental table 1. Demographic characteristics of 617 patients

	Completion Thyroidectomy for DTC (Group 1)	Total Thyroidectomy for DTC (Group 2)	p value[a]
Patients (n)	289	407	0.02
Mean Age (Range)	41.3(21-69)	43.2(22-70)	0.09
Age ≥ 45	101	190	0.07
Age < 45	188	217	0.1
Male (%)	75 (% 26)	110 (% 27)	0.1
Female (%)	214 (% 74)	297 (% 73)	0.08
BMI[b]	26.3±0.71	26.9±0.67	0.07
Tumor size (median)	2.4 cm (initial size)	2.6 cm	0.1
Central Neck dissection	20 (%7)	36 (%8.8)	0.08

[a] statistically significant when ≤ 0.05.
[b] BMI=Body mass index.

Online supplemental table 2. Postoperative complications

	Completion Thyroidectomy for DTC (Group 1) (n=289)	Total thyroidectomy for DTC (Group 2)(n=407)	P value[a]
Temporary Hypocalcemia	58 (20%)	43 (10.5%)	*0.001*
Permanent Hypocalcemia	17 (5.8%)	21 (5.1%)	0.2
Temporary RLN Palsy (unilateral)	18 (6.2%)	19 (4.6%)	*0.04*
Temporary RLN Palsy (Bilateral)	4 (1.3%)	3 (0.7%)	0.1
Permanent RLN Palsy (Unilateral)	13 (4.4%)	15 (3.6%)	0.2
Hematoma	6 (2%)	5 (1.2%)	0.4
Minor Wound Infection	7 (2.4%)	3 (0.7%)	*0.003*
Residual tumor	45.6%	-	-

[a]statistically significantwhen ≤ 0.05.

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Online supplemental table 3. Main complications in completion thyroidectomy, comparative results in literature

	Hypocalcaemia			RLN Palsy		Residual tumor
	n	Permanent%	Temporary %	Permanent %	Temporary%	%
Calabro S, 1988[35]	66	-	12.1	-	1.5	-
De Jong SA, 1992[36]	100	-	3	-	2	43
Wax MK, 1992[37]	32	-	15	-	3	25
Pasieka JL, 1992[38]	60	1.7	8	-	5	33
Agarwal A, 1996[39]	19	-	21	-	10.5	52
Chao TC, 1997[22]	115	1.7	5.2	1.7	2.6	-
Pezullo, 1997[1]	131	2.8	5.6	2.8	8.5	28.5
Rodriguez CS, 1998[40]	60	6.6	-	1.75	-	53
Eroglu A, 1998[41]	59	-	8.5	-	3.4	53.8
Rigberg D, 1998[42]	16	-	6	-	-	-
Mishra A, 2002[43]	48	-	17	-	4	40
El-Zohairy M, 2004[34]	28	3.5	7.1	-	-	32.1
Kim ES, 2004[10]	81	-	-	-	-	35.8
Dewil B, 2005[44]	29	6.9	17.2	-	3.4	41.4
Wang H, 2005[32]	128	-	19.5	-	2.3	68.8
Rafferty MA, 2007[45]	201	2.5	7	0.5	2	-
Lefevra HU, 2007[3]	685	2.5	5	1.5	1.2	-
Erbil Y, 2007[46]	80	2.5	12.5	2.5	3.8	-
Vaiman, 2010[19]	370	5.9	25.2	3	4.6	-
Pelizzo MR	233	3.3	36.4	1.7	7	

2014[31]						

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