

Table S1 Analyses of patients according to the frozen and permanent results of central LNs

Characteristics	F=P	F≠P	P value
Number of patients	211	79	
Age (years), mean ± SD [range]	43.0±11.3 [14–60]	39.2±8.2 [14–75]	0.002
Sex, M:F (F%)	46:165 (78.2)	14:65 (82.3)	0.445
Operation types			
LTT:TT (TT%)	179:32 (15.2)	63:16 (20.3)	0.299
Tumor size (cm), mean ± SD [range]	0.9±0.8 [0.1–3.4]	1.0±0.6 [0.3–4.7]	0.209
Extrathyroidal extension, n (%)	46 (21.8)	21 (26.6)	0.582
Multiplicity, n (%)	39 (18.5)	18 (22.8)	0.600
Lymphocytic thyroiditis, n (%)	108 (51.2)	43 (54.4)	0.622
Pathology, n (%)			0.536
Conventional	196 (92.9)	71 (89.9)	
Follicular variant	7 (3.3)	2 (2.5)	
Diffuse sclerosing variant	0 (0.0)	0 (0.0)	
Tall cell variant	6 (2.8)	6 (7.6)	
Oncocytic variant	1 (0.4)	0 (0.0)	
Solid and trabecular variant	1 (0.4)	0 (0.0)	
Frozen analyses, mean ± SD [range]			
Number of retrieved LNs (A)	4.0±3.0 [0–19]	4.4±2.7 [0–14]	0.389
Number of metastatic LNs (B)	0.9±1.7 [0–9]	1.2±1.6 [0–7]	0.252
Metastatic LN size (max, cm)	0.3±0.3 [0.005–1.4]	0.4±0.3 [0.05–1.2]	0.374
LNR (A/B)	0.2±0.3 [0–1.0]	0.3±0.4 [0.005–1.0]	0.327
Permanent analyses, mean ± SD [range]			
Number of retrieved LNs	4.0±3.0 [0–19]	6.3±3.8 [1–22]	<0.001
Number of metastatic LNs	0.9±1.7 [0–9]	1.7±2.1 [0–10]	0.005
Metastatic LN size (max, cm)	0.3±0.3 [0.005–1.4]	0.4±0.3 [0.1–1.2]	0.681
Extranodal extension, n (%)	14 (6.6)	3 (3.8)	0.269
LNR (A/B)	0.2±0.3 [0–1.0]	0.3±0.3 [0–1.0]	0.089
TNM classification, n (%)			
T stage, T1/2/3/4	163 (77.3)/35 (16.6)/8 (3.8)/5 (2.3)	54 (68.4)/23 (29.1)/2 (2.5)/0 (0.0)	0.064
N stage, N0/1a	117 (56.3)/91 (43.7)	31 (39.7)/47 (60.3)	0.013
Stage I/II/III	189 (89.6)/21 (10.0)/1 (0.4)	69 (87.3)/9 (11.4)/1 (1.3)	0.715

LN, lymph node; F, frozen analyses; P, permanent analyses; M:F, male:female; LTT, less than total thyroidectomy; TT, total thyroidectomy; max, maximum; LNR, LN ratio.