

Supplementary Table 2. Clinicopathological and US features of the 775 PTC patients according to recurrence and distant metastasis

Clinical characteristic	Recurrence			Distant metastasis		
	No (n=753)	Yes (n=22)	P-value	No (n=770)	Yes (n=5)	P-value
Age (year)	47.1±12.3	45.6±13.1	0.573	47.0±12.3	48.2±14.4	0.834
Sex			0.482			0.595
Men	128 (17.0)	5 (22.7)		133 (17.3)	0	
Women	625 (83.0)	17 (77.3)		637 (82.7)	5 (100)	
Size on US (mm)	12.6±2.5	13.4±3.1	0.166	12.6±2.6	12.6±3.1	0.987
US features						
Composition			0.124			>0.999
Solid	697 (92.6)	18 (81.8)		710 (92.2)	5 (100)	
Predominantly solid	22 (2.9)	1 (4.6)		23 (3.0)	0	
Predominantly cystic	34 (4.5)	3 (13.6)		37 (4.8)	0	
Echogenicity			0.153			>0.999
Hyperechoic or isoechoic	81 (10.7)	5 (22.7)		86 (11.2)	0	
Hypoechoic	536 (71.2)	15 (68.2)		547 (71.0)	4 (80.0)	
Markedly hypoechoic	136 (18.1)	2 (9.1)		137 (17.8)	1 (20.0)	
Margin			0.505			0.594
Circumscribed	130 (17.3)	5 (22.7)		135 (17.5)	0	
Not circumscribed	623 (82.7)	17 (77.3)		635 (82.5)	5 (100)	
Calcification			0.648			0.430
Micro- or mixed calcifications	338 (44.9)	8 (36.4)		344 (44.7)	2 (40.0)	
Macro- or eggshell calcifications	143 (19.0)	4 (18.2)		145 (18.8)	2 (40.0)	
No calcifications	272 (36.1)	10 (45.5)		281 (36.5)	1 (20.0)	
Shape			0.608			0.682
Parallel	369 (49.0)	12 (54.6)		378 (49.1)	3 (60.0)	
Taller-than-wide	384 (51.0)	10 (45.5)		392 (50.9)	2 (40.0)	
No. of suspicious US features			0.649			0.787
0	67 (8.9)	4 (18.2)		71 (9.2)	0	
1	171 (22.7)	5 (22.7)		174 (22.6)	2 (40.0)	
2	282 (37.5)	8 (36.4)		289 (37.5)	1 (20.0)	
3	186 (24.7)	4 (18.2)		188 (24.4)	2 (40.0)	
4	47 (6.2)	1 (4.5)		48 (6.3)	0	
ACR TI-RADS point total	9 (7–11)	8 (5–9)	0.107	9 (7–11)	9 (7–10)	0.839
ACR TI-RADS			0.157			0.661
TR1	3 (0.4)	0		3 (0.4)	0	
TR2	8 (1.1)	1 (4.6)		9 (1.2)	0	
TR3	16 (2.1)	1 (4.6)		17 (2.2)	0	
TR4	140 (18.6)	6 (27.3)		146 (19.0)	0	
TR5	586 (77.8)	14 (63.6)		595 (77.3)	5 (100)	
2015 ATA			0.145			>0.999
Very low suspicion	1 (0.1)	0		1 (0.1)	0	
Low suspicion	31 (4.1)	2 (9.1)		33 (4.3)	0	
Intermediate suspicion	95 (12.7)	5 (22.7)		100 (13.0)	0	
High suspicion	626 (83.1)	15 (68.2)		636 (82.6)	5 (100)	
Pathologic features						
Extrathyroidal extension			0.862			0.175
No	253 (33.6)	7 (31.8)		260 (33.8)	0	
Yes	500 (66.4)	15 (68.2)		510 (66.2)	5 (100)	
Multifocality			0.372			0.403
No	448 (59.5)	11 (50.0)		457 (59.3)	2 (40.0)	
Yes	305 (40.5)	11 (50.0)		313 (40.7)	3 (60.0)	
Bilaterality			0.236			0.156
No	533 (70.8)	13 (59.1)		544 (70.6)	2 (40.0)	
Yes	220 (29.2)	9 (40.9)		226 (29.4)	3 (60.0)	
High-volume central LN metastases			0.001			0.007
No	698 (92.7)	16 (72.7)		711 (92.3)	3 (60.0)	
Yes	55 (7.3)	6 (27.3)		59 (7.7)	2 (40.0)	
Presence of lateral LN metastases			0.041			0.635
No	659 (87.5)	16 (72.7)		671 (87.1)	4 (80.0)	
Yes	94 (12.5)	6 (27.3)		99 (12.9)	1 (20.0)	

Values are presented as mean±SD, number (%), or median (interquartile range).

US, ultrasound; PTC, papillary thyroid cancer; ACR TI-RADS, American College of Radiology Thyroid Imaging; Reporting and Data System; 2015 ATA, 2015 American Thyroid Association; LN, lymph node.