

**Supplemental Table S1.** Malignancy Risk by Bethesda Cytology Category and the Korean Thyroid Imaging Reporting and Data System (K-TIRADS)

Bethesda cytology category	K-TIRADS				
	K-TR2	K-TR3	K-TR4	K-TR5	Overall
I (non-diagnostic)	-	0/3 (0)	0/2 (0)	2/3 (66.7)	2/8 (25.0)
II (benign)	0/1 (0)	0/20 (0)	0/9 (0)	1/4 (25.0)	1/34 (2.9)
III (AUS/FLUS)	-	3/18 (16.7)	1/13 (7.7)	9/18 (50.0)	13/49 (26.5)
IV (FN/SFN)	-	1/3 (33.3)	1/3 (33.3)	0/1 (0)	2/7 (28.6)
V (suspicious for malignancy)	-	0/2 (0)	4/6 (66.7)	14/14 (100.0)	18/22 (81.8)
VI (malignant)	-	-	10/11 (90.9)	68/69 (98.6)	78/80 (97.5)
Overall	0/1 (0)	4/46 (8.7)	16/44 (36.4)	94/109 (86.2)	114/200 (57.0)

Each cell demonstrates the number of malignant nodules confirmed by surgical pathology/number of total nodules in each Bethesda cytology category, (malignancy ratio, %).

K-TIRADS, Korean Thyroid Imaging Reporting and Data System; AUS/FLUS, atypia of undetermined significance or follicular lesion of undetermined significance; FN/SFN, follicular neoplasm or suspicious for a follicular neoplasm.