











						Ö	esso
0 IN - 37 Salver 2002 G	Active survei	lance of low	risk papilla	ry thyroid m	icrocarcinom	as	
	Yasuhiro Ito, Akira M	fiyauchi	Gland Surg 2021	0,9(3):1663-1673 http://do	doi.org/10.21097/gp-2019-cat	p-01	
Table 2 Summ	nary of the regults of active	surveillance for PTN	C in representative	e studies			
Affiliation	Study design Number patier	r of Mean follow-up ts period	Rates of size enlargement	Rates of appearance of node metastasis	Number of patients who underwent conversion surgery	Number of patients who died of thyroid carcinoma	
Kuma Hospit (15)	al Prospective 340	74 [18-187] months	6.4% at 5-year follow-up	1.4% at 5-year follow-up	109 (3294)		
Kuma Hospit (16)	al Prospective 1,23	5 60 [18-228] months	8.0% at 10-year follow-up	3.8% at 10-year follow-up	191 (16%)	0	
Cancer Institute Hospital (17)	Prospective 230	5 [1-17] years	7% after follow- up	1.3% after follow- up	16 (7%)	0	
Cancer Institute Hospital" (18)	Prospective 360	7.9 [1-17] years	8% after follow- up	1% after follow-up	NA	0	
Multicenter study (South Korea) (22)	Retrospective 370	33 [22-48] months	6.4% at 5-year follow-up	1.4% at 5-year follow-up	58 (16%)	0	
Memorial Skan Ketteri Cancer Center** (20)	Prospective 290 9	25 [6-166] months	12.1% at 5-year follow-up	NA	10 (3%)	0	

DNKOLOJI na Gal Izane - Antonia	Annual Rev Active S First-Li Papillar Yasuhiro Ito a	ew of Medicine urveillan ne Manag y Microc: nd Akira Miyau	ce as gement oi arcinoma chi	f Annu. Re	ev. Med. 2019	esso 9. 70:369-79
	Department of Surgery, miyaachi@kuma-h.or.jp 1993-1997	Kuma Hospital, Kobe 680	-0011, Japan; email: iso01@ 2003-2006	kumu-h.or.jp, 2007-2013	2014	
AS vs OP	%30	%51	%42	%64	%88	



	YONLAR	esso
 İİAB 'de TERT saptanması REKÜRR' için faydalı olabilir 	ENS FREE SURVİ için bel	irleyici; triaj
HASTALIKSIZ SURVİ; BRAF (+) veya Rolirgin düşüş BRAF ve TERT/	a TERT(+) hastalarda düş +)	üyor.
• HASTALIKSIZ SURVİ; BRAF (+) veya Belirgin düşüş BRAF ve TERT(a TERT(+) hastalarda düş +)	üyor.
HASTALIKSIZ SURVİ; BRAF (+) veya Belirgin düşüş BRAF ve TERT(- Yugandı dışılıkıncı of <i>TERT</i> promotor mutation in pupillary thyvid	a TERT(+) hastalarda düş +) Journal of Clinical Oncology	ÜYO r.
HASTALIKSIZ SURVİ; BRAF (+) veya Belirgin düşüş BRAF ve TERT(- Progenetic significance of YZR7 promoter matations in papillary dayraid cardioman in 2.82.F V008: matatina-prevalut population	a TERT(+) hastalarda düş +) Journa D. Konta d. Burrada . Kar Journal of Clancel Oncology	ORIGINAL REPORT

Table 2 Pathological findings of papillary th	iyroid microcarcinoma acc	cording to clinical cours	e during active surveillance	
	Non-enlarged (160)	Enlarged (18)	Nodal metastasis (11)	
Peripheral location	96 (60.0%)	7 (38.9%)	7 (63.6%)	
Extrathyroidal invasion	86 (53.8%)	8 (44.4%)	6 (54.5%)	
Encapsulation	23 (14.4%)	3 (16.7%)	0 (0%)	
Selerotic stroma	102 (63.8%)	12 (66.7%)	8 (72.7%)	
Intraglandular dissemination	4 (2.5%)	4 (22.2%) **	4 (36.4%) **	
Psammoma bodies in normal thyroid tissue	2 (1.3%)	1 (5.6%)	2 (18.2%) **	
Nodal metastasis	42 (26.3%)	9 (50.0%)*	11 (100%) **	
Ki-67 labeling index				
> 5%	8 (5.0%)	9 (50.0%) **	1 (9.1%)	
> 10%	3 (1.9%)	4 (22.2%) **	1 (9.1%)	
Chronic thyroiditis	49 (30.6%)	8 (44.4%)	4 (36.4%)	
Histologic type				
Conventional	135 (84.4%)	15 (83.3%)	9 (81.8%)	
Follicular	17 (10.6%)	0 (0%)	0 (0%)	
Warthin tumor-like	7 (4.4%)	2 (11.1%)	1 (9.1%)	
Tall cell	1 (0.6%)	0 (0%)	0 (0%)	
Cribriform	0 (0%)	1 (5.6%)	0 (0%)	









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TOTAL TIROIDEKTOMI	TOTAL veya NTT veya LOBEKTOMİ	<u>LOBEKTOMİ</u>
DTC >4 cm	DTC 1-4 cm	DTC <1
Ekstra tiroidal uzanım	Ekstra tiroidal uzanım yok	Ekstra tiroidal uzanım yok
Klinik N1 veya M1	cN0	cN0
	Düşük riskli DTC	Boyuna radyasyon öyküsü (-)
	Ekip RAI tedavisini gerekli görür veya hasta isterse TT	Aile öyküsü (-)



European Thyroid Jo	rmal ExcThyreid J 20208/27-64 Rever COL 10.1139/000504991 Public Public	Systematic review		BJS Open
Syster after H Well-F	_ natic Review of Recurrence Rate lemithyroidectomy for Low-Risk lifferentiated Thyroid Cancer	Hemithyroidecto differentiated T1- meta-analysis	ny <i>versus</i> total thy -2 N0 thyroid cance	roidectomy for well er: systematic review and BJS Open 2020; 4: 987–994
wen-L	• 228746 hasta (36 bin HT)		23134 hasta	
	• Hemi Tiroid. vs Total T.	•	Hemi Tiroid.	vs Total T. + RAI
	• Rekürr. 9,0 vs 7,4 (p:	0,001) •	Rekürr. 2.8	3 vs 2.3
	• 10y survi %95,7 vs %95	,8•	20y survi %9	7.4 <mark>vs</mark> %96.8
	• Kalıcı hipopara'da fark yok	•	Hipopara TT d	e anlamlı yüksek































	Subgroup	Sensitivity	Specificity
Cutoff value	1 ng/mL	0.94 (0.91-0.96)	0.85 (0.78-0.90)
	10 ng/mL	0.84 (0.76-0.89)	0.97 (0.94-0.98)
	20 ng/mL	0.85 (0.77-0.90)	0.96 (0.93-0.98)
	30 ng/mL	0.82 (0.73-0.88)	0.96 (0.93-0.98)
	40 ng/mL	0.70 (0.56-0.81)	0.97 (0.94-0.99)









CERRAHI ONKOLOJI CERRAHI ONKOLOJI KONGRESI I to da dali take da da da da da da da da da da da da da	ral neck metastas k dissection t al. Journal of Otola Table 5 Locatio	er patie es under ryngology	nts with rgoing - Head and a	Neck Sur neck disse	rgery ecton	esso (2017) 46:4
	type	Full Sample (n = 204)	Comprehensive (n = 94)	Selective (n = 110)	p	
 Regional nüks 	Level IIa Disease	9 (4%)	2 (2%)	7 (6%)	0.18	
Selektif : %8	Level IIb Disease	6 (3%)	5 (5%)	1 (196)	0.097	
Genişletilmiş : %9	Level III Disease	5 (2%)	3 (3%)	2 (2%)	0.66	
	Level IV Disease	8 (4%)	3 (3%)	5 (5%)	0.73	
	Level Va Disease	2 (1%)	1 (196)	1 (196)	1.00	
	Level Vb Disease	5 (2%)	2 (2%)	3 (3%)	1.00	
	Total Nodes ^a	2.5 (2.8)	2.8 (3.6)	2.2 (1.6)	0.73	
	Largest Node ^a	1.5 (0.7)	1.4 (0.5)	1.7 (1)	0.47	

Ulusal CERRAHI ONKOLOJI KONGRESI I 1 17 Jane 2011 Gana Gar Raser. Addicts.	Level IIb I for patien Zheng Liu, M Dependent of Three	ymph node met ts with cN1b pa ID, Yang Liu, MD, Yu I Surgey, The Not Affiliated Hosp	tastasis cl apillary tl uxia Fan, MI otal of Zhengshou L	naracteristics tyroid carcino D. Xiaoming Wan	and prediction oma 1g. MD, Xiubo Lu	ve factors 1, MD'	esso
					Su	rgery 167	(2020) 962-968
 Düzey IIB metastazı % 2,2 	1- 22						
(ORT: 11,35)		iterature overview on leve	i ib iN metasta	sis of PTC			
		Studies (first author)	Year	Country	Sample size	Level IIb rate	Risk factors
Risk faktörleri Üst pol tm Gross ETE ; ("3b –T4 Preop uzak met. vari	i) lığı	Pingpank, et al ¹⁹ Lee, et al ¹² Lee, et al ¹² Roh, et al ²⁰ Yanir, et al ²¹ Koo, et al ¹¹ Vayisoglu, et al ¹² King, et al ¹² Lombardi, et al ¹⁶ Lo (present study)	2002 2007 2008 2008 2008 2009 2010 2011 2012 2016 2018 2018 2018	United States South Korea South Korea South Korea South Korea Turkey United States South Korea South Korea South Korea Haly China	51 46 167 52 27 76 33 32 90 327 405 554	20.6% 223 6.8% 16.7.5 7.1% 7.1% 7.9% 108 103 10.4% 6% 14.4%	No report No report Level III IJI metastasis No report Multikired ($ U_{+} \equiv V $) Multikired ($ U_{+} \equiv V $) Multikired ($ U_{+} \equiv V $) No report No report No report J-neet and 4-level insolvement Gapasie innaison, tumor upper location, distant mesanos





PERSISTAN LN Santral % 14.7 Lateral %13.8 Lateral %13.8 Ekstratiroidal uzanım; (T3b Santral %14.7 Lateral %13.8 Ekstrationidal uzanım; (T3b Santral %14.7 Lateral %13.8 Ekstrationidal uzanım; (T3b Santral %14.7 Lateral %13.8 Ekstrationidal uzanım; (T3b Santral %14.7 Lateral %13.8 Ekstrationidal uzanım; (T3b Santral %14.7 Lateral %13.8 Santral %14.7 Santral %14.8 Santral %		Recognizi Well-Diffe and Assoc Yield and	ng Persistent Disease ir rentiated Thyroid Can iation with Lymph Noc Ratio	n cer de	Onishingköge- hast sich höld Singen 2003. Nach (183) 18-53 Onishingköger Helland Helle Bargers anglesenskoler Bargeland Jones Sensitiver Bargeland Jones Sensitiver Bargeland Sen	Ø	esso
Positive nodes 5.6 (3.5) 6.4 (4.8) 6.58 Total nodes 31 (15.8) 14.8 (11.6) <.001 ^b Nodal ratio. ⁶ % 19.8 (13.3) 54.2 (31.5) <.001 ^b	PERSISTAN L Santral Lateral	N % 14.7 %13.8	Lymph Node Yield are	Patio ^a	 Ekstratiro Ekstrakap 	idal uzanım; süler yayılım	(T3b –T4)
Positive nodes 5.6 (3.5) 6.4 (4.8) .658 Total nodes 31 (15.8) 14.8 (11.6) <001 Nodal ratio, ⁶ % 19.8 (13.3) 54.2 (31.5) <001 "When a concentration area (5D)		Disease Free	Persistent Disease	P Value			
values are presented as mean (SD).	Positive nodes Total nodes Nodal ratio, ^c % ^a Values are presente	5.6 (3.5) 31 (15.8) 19.8 (13.3) ed as mean (SD).	6.4 (4.8) 14.8 (11.6) 54.2 (31.5)	.658 <.001 ^b <.001 ^b			











