

TI-RADS classification scheme for thyroid nodules

Composition		Echogenicity		Shape		Margin		Echogenic foci	
Cystic or almost completely cystic	0	Anechoic	0	Wider-than-tall	0	Smooth	0	None or large comet-tail artifacts	0
Spongiform	0	Hyperechoic or isoechoic	1	Taller-than-wide	3	Ill-defined	0	Macrocalcifications	1
Mixed cystic and solid	1	Hypoechoic	2			Lobulated or irregular	2	Peripheral (rim) calcifications	2
Solid or almost completely solid	2	Very hypoechoic	3			Extrathyroidal extension	3	Punctate echogenic foci	3
Points									
		Points		Malignancy risk (%)		Biopsy threshold (mm)			
TR1		0		0.3		No biopsy			
TR2		2		1.5		No biopsy			
TR3		3		4.8		25			
TR4		4 to 6		9.1		15			
TR5		7+		35.0		10			

References:

- Middleton WD, Teefey SA, Reading CC, et al. Multiinstitutional analysis of thyroid nodule risk stratification using the American College of Radiology Thyroid Imaging Reporting and Data System. *AJR AM J Roentgenol* 2017; 208:1331.

Original figure modified for this publication. From: Tessler FN, Middleton WD, Grant EG, et al. ACR Thyroid Imaging, Reporting and Data System (TI-RADS): White paper of the ACR TI-RADS committee. *J Am Coll Radiol* 2017; 14:587. Table used with the permission of Elsevier Inc. All rights reserved.

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