



How To Report Thyroid Nodules in TIRADS

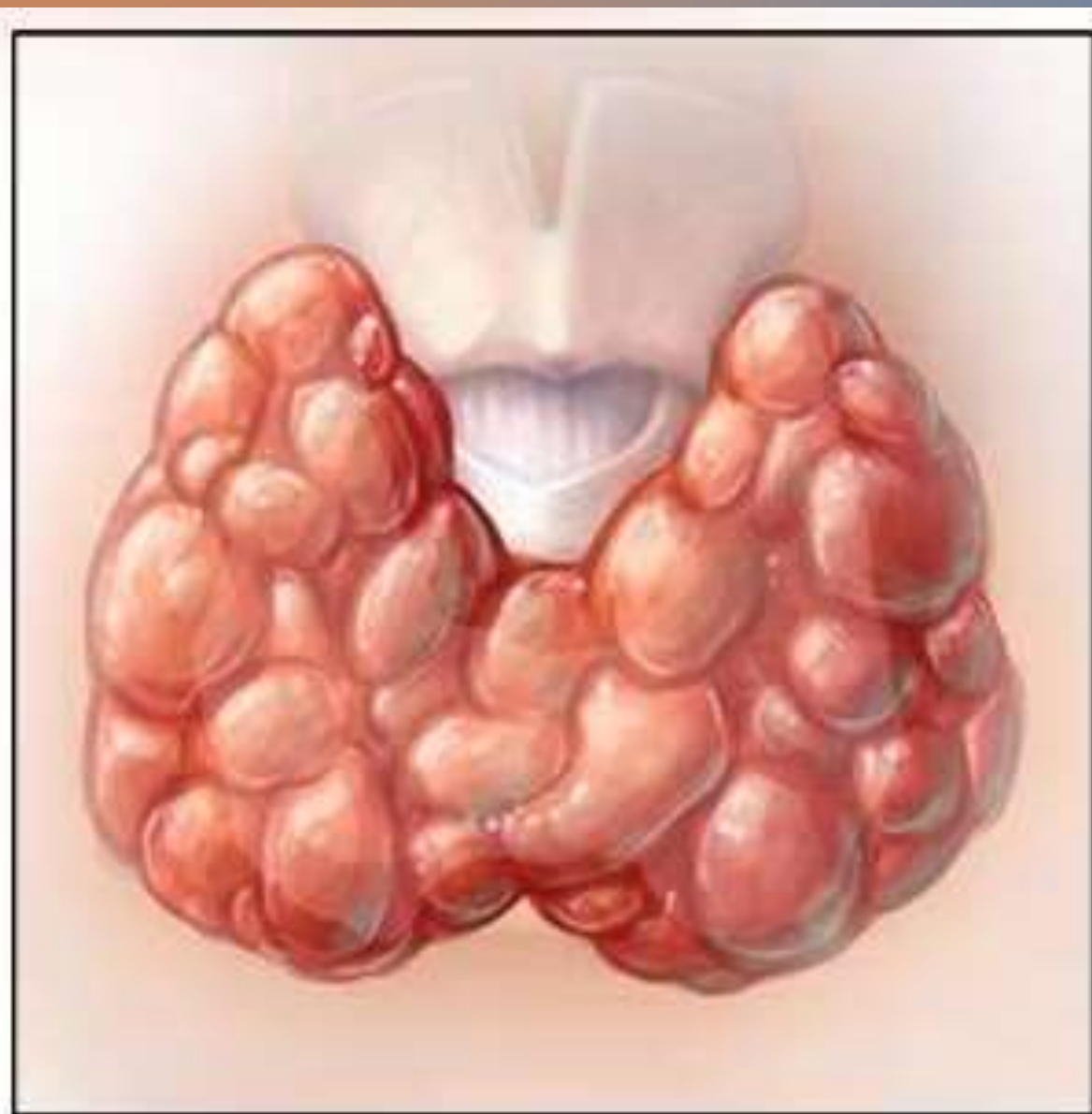
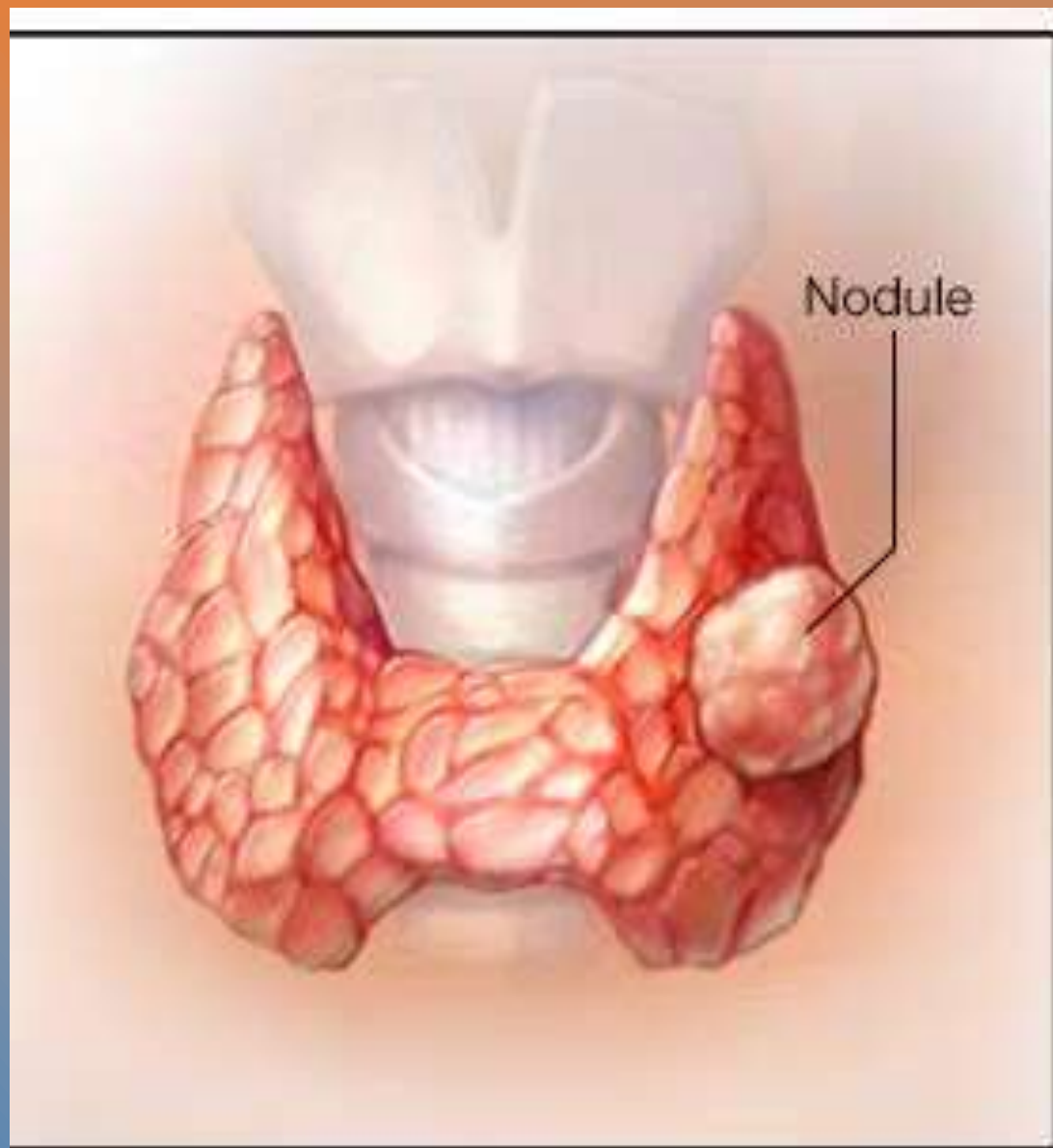


BY

Dr. Ahmad Mokhtar Abodahab, MD

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Certified Trainer , Supreme Council of Egyptian Universitas





**Good Scan
Record Data
Use TIRADS Calculator
Reporting**



BY
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<https://www.youtube.com/watch?v=PRfnYAfMh0Y&t=98s>

<https://shorturl.at/1hkls>

4 POINTS → 5 Criteria → 5 TIRADS

0 1 2 3

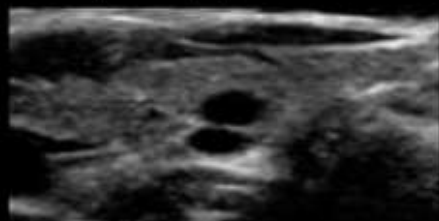
M
E
Sh
C
P

TIRADS 1 : 5

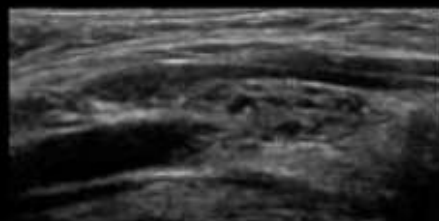
COMPOSITION

(Choose 1)

0 pts: Cystic or almost completely cystic



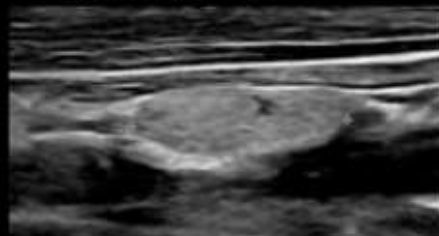
0 pts: Spongiform



1 pt: Mixed cystic and solid



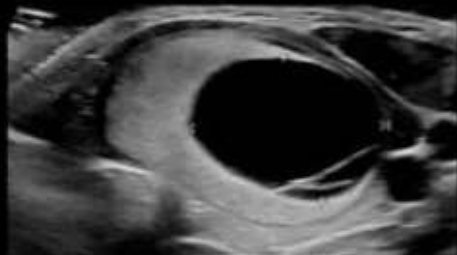
2 pts: Solid or almost completely solid



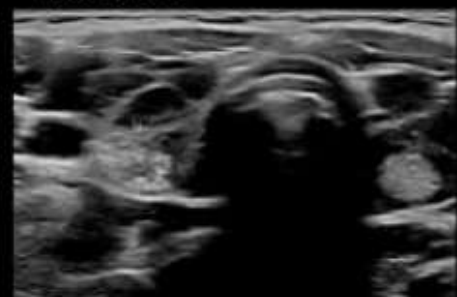
ECHOGENICITY

(Choose 1)

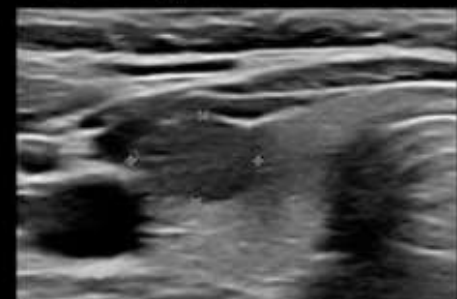
0 pts: Anechoic



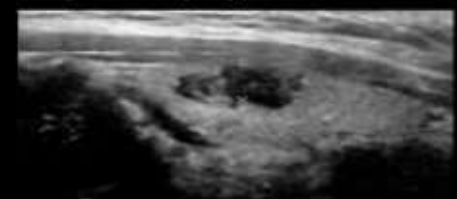
1 pt: Hyperechoic or isoechoic



2 pts: Hypoechoic



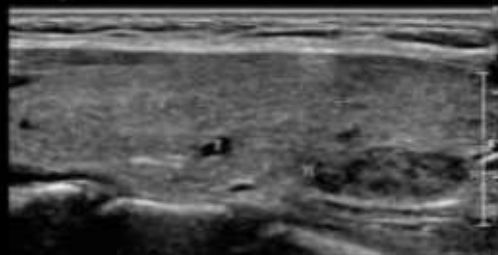
3 pts: Very hypoechoic



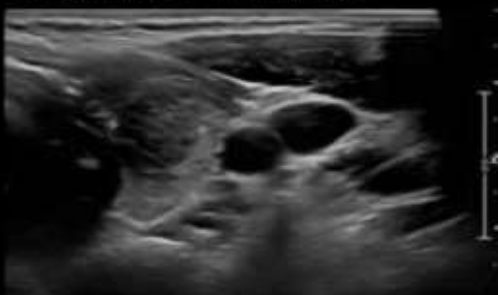
SHAPE

(Choose 1)

0 pts: Wider-than-tall



3 pts: Taller-than-wide



Add points from
all categories to determine
TI-RADS level

0 pts:

TR1. Benign

2 pts:

TR2. Not Suspicious

3 pts:

TR3. Mildly Suspicious

4 to 6 pts:

TR4. Moderately Suspicious

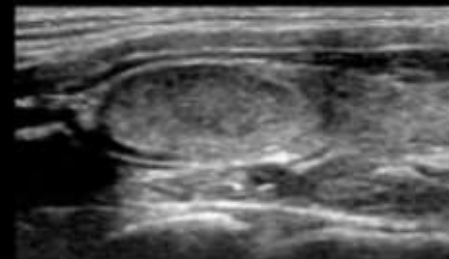
7 pts or more:

TR5. Highly Suspicious

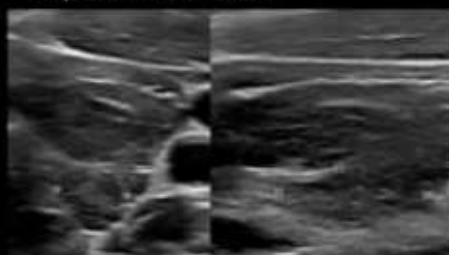
MARGIN

(Choose 1)

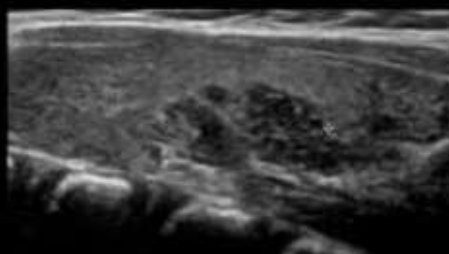
0 pts: Smooth



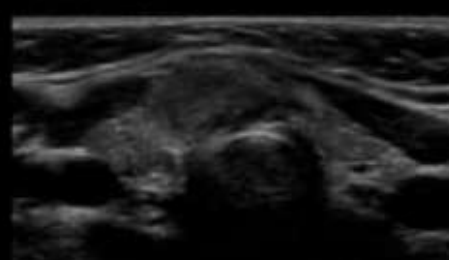
0 pts: Ill-defined



2 pts: Lobulated or irregular



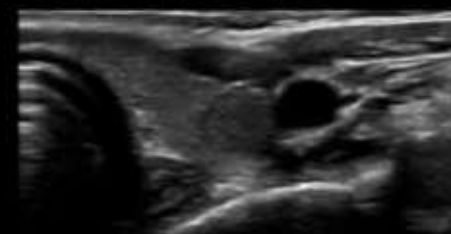
3 pts: Extrathyroidal extension



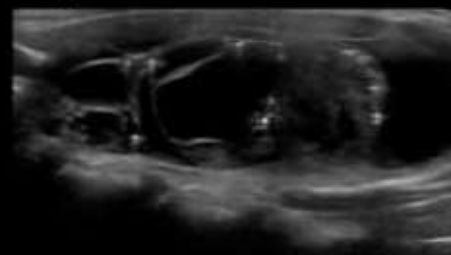
ECHOGENIC FOCI

(Choose all that apply)

0 pts: None or large comet-tail artefacts



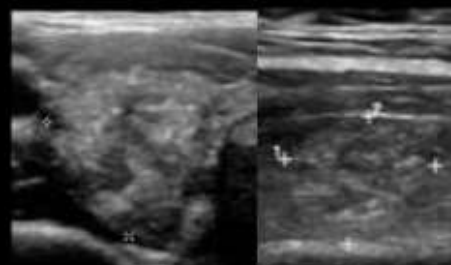
1 pt: Macrocalcifications



2 pts: Peripheral (rim) calcifications



3 pts: Punctate echogenic foci



0



2



3



4



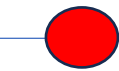
6



7



14



0 Points

TR1

Benign

No FNA

2 Points

TR2

Not Suspicious

No FNA

3 Points

TR3

Mildly Suspicious

FNA if ≥ 2.5 cm

Follow if ≥ 1.5 cm

4 to 6 Points

TR4

Moderately Suspicious

FNA if ≥ 1.5 cm

Follow if ≥ 1 cm

7 Points or More

TR5

Highly Suspicious

FNA if ≥ 1 cm

Follow if ≥ 0.5 cm*

Patient Name: _____ - Age: y Date: 12 January 2025

Neck US SCAN	@ Clinical indication : @ Procedure details : Neck US @ Comparison : No previous exam
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Findings:

Thyroid Gland	Rt Lobe	Isthmus	Lt Lobe
AP Diameter	mm	mm	mm
Composition	Homogenous	Homogenous	Homogenous
Contour	Regular	Regular	Regular
Blood Supply	With in Normal Color Doppler signals & indices		

LESIONS

Lesions				
Site				
Size				
Composition				
Echogenicity				
Shape				
Margin				
Echogenic Foci				
Score				
TIRADS				
Recommendation				

- No detectable enlarged cervical L.N.
 - Neck Great vessels: Non-Remarkable

>>> IMPRESSION: - Multiple Thyroid nodules as described , With Highest TIRADS of _____

For _____

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 MBCh, MSc, MD, PhD
 Diagnostic Radiology
 Staff Member & Consultant

The Report
 Is Mainly Targeting

**Highest TIRADS
 Largest Size**





Tiradscalculator.com



- Composition (Choose 1)**
- ☐ Cystic or almost completely cystic 0 points
 - ☐ Spongiform 0 points
 - ☐ Mixed cystic and solid 1 point
 - ☐ Solid or almost completely solid 2 points

- Echogenicity (Choose 1)**
- ☐ Anechoic 0 points
 - ☐ Hyperechoic or isoechoic 1 point
 - ☐ Hypoechoic 2 points
 - ☐ Very hypoechoic 3 points

- Shape (Choose 1)**
- ☐ Wider-than-tall 0 points
 - ☐ Taller-than-wide 3 points

- Margin (Choose 1)**
- ☐ Smooth 0 points
 - ☐ Ill-defined 0 points
 - ☐ Lobulated or irregular 2 points
 - ☐ Extra-thyroidal extension 3 points

- Echogenic Foci (Choose All That Apply)**
- ☐ None or large comet-tail artifacts 0 points
 - ☐ Macrocalcifications 1 point
 - ☐ Peripheral (rim) calcifications 2 points
 - ☐ Punctate echogenic foci 3 points

Total Points

0

TI-RADS Score

TR1



*Composition (Choose 1)** ☐ Cystic or almost completely cystic 0 points
☐ Spongiform 0 points
☐ Mixed cystic and solid 1 point
☒ Solid or almost completely solid 2 points

*Echogenicity (Choose 1)** ☐ Anechoic 0 points
☐ Hyperechoic or isoechoic 1 point
☐ Hypoechoic 2 points
☒ Very hypoechoic 3 points

*Shape (Choose 1)** ☐ Wider-than-tall 0 points
☒ Taller-than-wide 3 points

*Margin (Choose 1)** ☐ Smooth 0 points
☐ Ill-defined 0 points
☐ Lobulated or irregular 2 points
☒ Extra-thyroidal extension 3 points

*Echogenic Foci (Choose All That Apply)** ☐ None or large comet-tail artifacts 0 points
☐ Macrocalcifications 1 point
☐ Peripheral (rim) calcifications 2 points
☒ Punctate echogenic foci 3 points

Total Points

14

TI-RADS Level

TR5

Recommendations

Highly Suspicious: FNA if ≥ 1 cm; Follow if ≥ 0.5 cm annually until 5 y

Patient Name:

- Age: y

Date: 12 January 2025

**Neck US
SCAN**® **Clinical indication :**® **Procedure details :** Neck US® **Comparison :** No previous exam✍ **Findings:**

Thyroid Gland	Rt Lobe	Isthmus	Lt Lobe
AP Diameter	mm	mm	mm
Composition	Homogenous	Homogenous	Homogenous
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LESIONS			
Lesions			
Site			
Size			
Composition			
Echogenicity			
Shape			
Margin			
Echogenic Foci			
Score			
TIRADS			
Recommendation			

- **No detectable enlarged cervical L.N.**
- **Neck Great vessels:** Non-Remarkable

>>> IMPRESSION: - Multiple Thyroid nodules as described , With Highest TIRADS of
For

DR. A.M.ABODAHAB

MBBCh, MSc, MD, PhD

Diagnostic Radiology

Staff Member & Consultant



A.M. Abodahab, MD

JAN 2025