

Subject-Echocardiography

Unit-1-Topic - Brainstorm & Logic Puzzles for M-Mode Echocardiography

RV Dimension Assessment

Case:

Parasternal long-axis M-mode shows:

- RV diameter = 32 mm (normal ≤ 28 mm)
- RA normal

Right Ventricle Diameter Measurement

What is the RV diameter?

The RV diameter is 32 mm.

Is that normal?

No, it's abnormal because it exceeds the normal range of ≤ 28 mm.

What about the RA?

The RA is normal.



Questions:

1. What does this measurement suggest?
2. What pathologies can lead to RV dilation?
3. How can Doppler complement M-mode findings here?

RV Dilation Measurement Implications

Measurement

Raises important inquiries



Underlying Condition

Suggests underlying condition

RV Dilation

Leads to RV dilation

Doppler Techniques

Complements M-mode findings