Supra-sternal View: The Always-Forgotten Approach

By
ALAA ROUSHDY, MD
Lecturer – congenital and structural heart disease unit
Cardiology Department – Ain shams University
Is this a full echocardiogram?
Of course not

- Transducer in the suprasternal notch
- 12:00 – 1:00: long axis view
- Clockwise rotation: Ductal view
- More clockwise rotation + anterior tilt: Crab view
What does it look like from the SS view?

Long axis view

Short axis (crab) view
you may see the aorta from the long axis view
Or a lot of structures from the short axis view
Applications:

- Anatomical:
  - Coarctation, PDA, Truncus, TAPVD, .......etc
- Hemodynamic
- Post operative:
  - GLENN, MBT, PDA stenting, PDA closure, ......etc
Aortic coarctation
ANATOMY

Smaller PDA

[Medical images of echocardiograms showing anatomical structures like SVC, AO, IPA, LA, and PV, with annotations for color Doppler settings and imaging parameters.]
Or just this PDA
Or anything else
It is not just the aortic arch
Gradient across the outflow

dilated As AO
Or may be a back flow
Or even a complete reversal of flow
But what about a forward diastolic flow?
Or it may be just a continuous flow
Perhaps a surgeon flow
Or even a cardiologist flow
That can replace an angiogram
THANK YOU