

Doppler Course Doppler of Dialysis Fistula

Part-4

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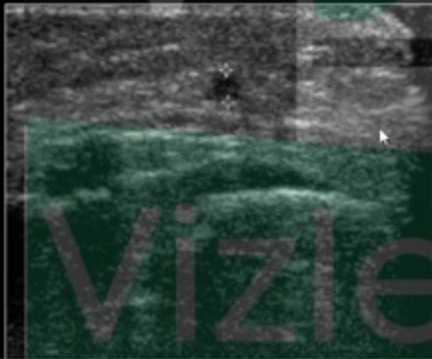
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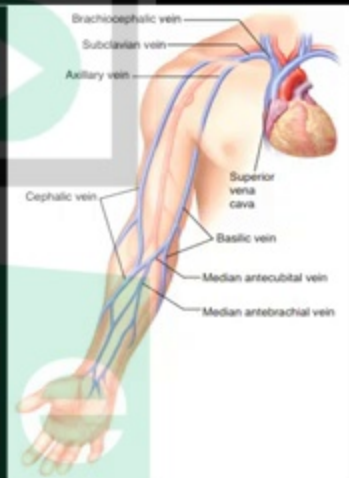
3. Apply very light pressure by transducer.

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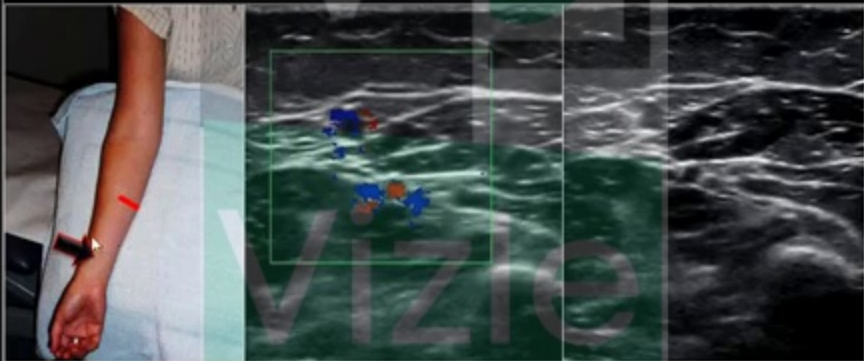


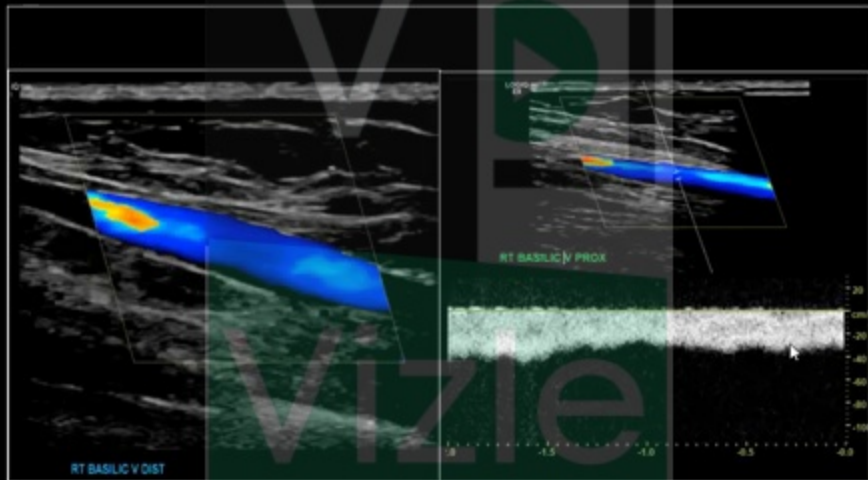
- Morphological venous examination is best done by B-mode study.

- ✓ Patent.
- ✓ Thin wall.
- ✓ ≥ 2.5 mm.
- ✓ Inner to inner.
- ✓ TS is preferred.



- Cephalic vein- radial artery -
mark the closet point ?

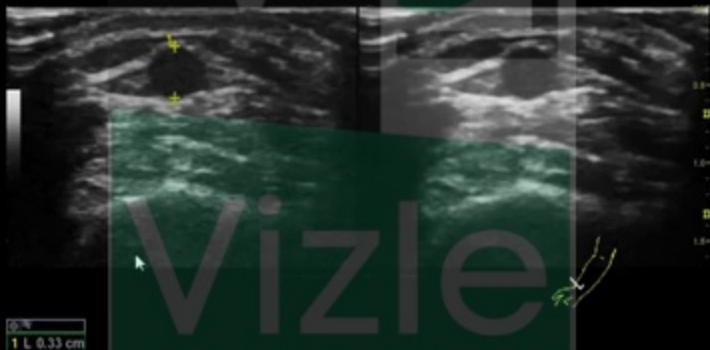




What to measure

1

- Superficial venous mapping. Normal cephalic vein.
- ✓ Diameter ?
How ? TS - inner to inner - perpendicular - rounded lumen.



- Accordingly, **clinical guidelines** on AVF creation now recommend minimum arterial and venous luminal diameters :

Vein	Diameter
Forearm veins	> 2 mm > 2.5 mm (Torn.)
Arm veins	> 3 mm
AVG	> 4 mm

- Branch points should be assessed as vein narrowing below 2.5 mm may occur at branch points.



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