

## Golden rules of ultrasound imaging

### **Probe technique**

- No pressure (the model should guide the examiner)
- Anechoic area upper part of the monitor (ultrasound gel)
- Straight hyperechoic (white) line of bone
- Make small movements
- Vascular mapping: angulate your probe all the time

## **Adapt the monitor**

- Correct pre-set  
(might be different with and without color box)
- Adjust gain using the parotid gland
- Area of interest in the middle (adapt depth)
- Area of interest in focus (adjust focus)
- Indicate the location of the scan

## **Ultrasound guided injections**

1. One line: doctor – patient – monitor
2. Long axis of the probe on this line
3. Place object of interest near one side of the screen
4. Enter skin with needle at 30° angle
5. Adjust angle if necessary
6. Inject once object is reached