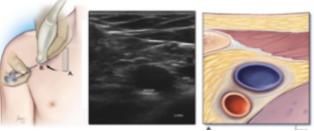
## Ultrasound Guided Subclavian Line

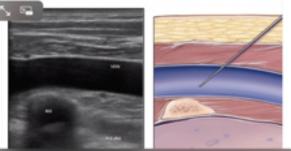
- 1. <u>http://www.ultrasoundpodcast.com/2017/11/part-method-us-guided-subclavian-cvcs-mourad-senussi/</u>
- 2. Uses the rib as a barrier to prevent pneumothorax (PART: Pleural Avoidance Rib Trajectory)
- 3. Put linear probe on chest, find the clavicle and look for SC/Axillary vein under the clavicle



- 4. Move the probe laterally to approach the deltoid-pectoral groove and turn it almost 90 degrees to get into an axial plane.
- 5. Insert the needle in long axis in SC/axillary vein just inferior to the clavicle.



6. Find underlying rib and aim the needle right at it.



- 7.
- 8. Facilitates use of micro-puncture if vein collapsible as one can pin the vein down deliberately puncture it and then pull back to cannulate.
- 9. Also allows compression against the rib if inadvertently hit an artery.