ULTRASOUND GUIDED PERIPHERAL INTRAVENOUS ACCESS CHECKLIST

PREP:

- Machine with linear probe
- ☐ Long Angiocaths (2)
- IV setup
- position patient

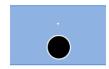
PRESCAN:

- ☐ Locate vein of interest (basilic)
- □ Check for compressibility
- ☐ Ensure structure is not arterial
- Map path of vein

PLACEMENT OF IV (SHORT AXIS):

- Obtain short axis view of target vein
- ☐ Puncture skin as far back from probe as vein is deep
- ☐ Use 45 degree angle of approach
- ☐ Slide probe back to puncture site and identify needle
- ☐ Slide probe away until needle disappears
- ☐ Advance needle until it reappears on screen
- ☐ Slide probe away until needle disappears
- ☐ Advance needle until it reappears on screen
- ☐ repeat until needle echo appears in vein
- use vanishing target technique to ensure needle tip is in vein
- □ slide angiocath off of needle, secure IV as usual
- ☐ if needle tip lateral to vein, pull back and try again

1 cm





PLACEMENT OF IV (LONG AXIS):

- Obtain long axis view of target vein
- ☐ Puncture skin at very edge of probe, exactly midline
- ☐ Use 45 degree angle of approach
- Advance needle continuously
- ☐ When needle tip enters vein, flatten and advance fully
- □ slide angiocath off of needle, secure IV as usual
- if unable to see needle echo on screen, pull back and reposition. be sure to keep needle inline with midline of long axis of probe.

