

Welcome to the "MAKING CENTRAL LINE PLACEMENT SAFER COURSE"

Did you attend the Central Venous Line Training Course in July?

- ☐ Yes
- ☐ No

Did you practice or place a CVL since the CVL Training Course in July?

- ☐ I both practiced and placed a CVL since the Training Course
- ☐ I practiced placing a CVL since the Training Course
- ☐ I placed at least one central line since the Training Course
- ☐ I did not practice or place a CVL since the Training Course

Did the resident position the US machine correctly? (Minor)

Definition of Correct Position: US machine should be placed "in line of sight".

- ☐ Yes
- ☐ No

☐

Comments

TIME LIMITS:

- 20 minutes: prewash, pre-scan, kit prep, surgical scrub, gown, gloving, draping, probe
- 10 minutes: venous access & wire
- 20 minutes: dilation to completion of procedure
- 10 minutes: debrief of procedure

On prescan was the resident able to differentiate the artery from vein on B-mode imaging using location, wall thickness, or compressibility? (Major)

☐ Yes, successfully identified vessel

☐ No

☐ Comments

Resident will now begin with pre procedure asepsis.

Pre Procedure Asepsis (ask nurse if pass or fail)

☐ Pass

☐ Fail

Did the resident place the drape in a sterile fashion? (Minor)

☐ Yes, successfully draped patient

☐ No

☐ Comments

Did the resident prepare their kit correctly, prep wire, flush line, collect needed materials while maintaining sterile technique? (Minor)

☐ Yes

☐ No

☐ Comments

Ask the resident to place the cover on the transducer.

NOTE: You may assist in placing the probe cover on the transducer if requested by resident.

Did the resident place the probe cover IN A STERILE FASHION? (Major)

☐ Yes, successfully placed the transducer probe cover

☐ No

☐ Comments

Did the resident employ a correct approach for needle placement? (Minor)

Did the resident insert the needle at the proper location for site and at the correct angle?

☐ Yes, used correct approach

☐ No

☐ Comments

Was the resident able to recognize needle tip with US? (Major)

☐ Yes recognized needle tip

☐ No, unable to recognize

☐ Comments

Was the resident able to recognize vessel entry with needle tip? (Major)

☐ Yes

☐ No

☐ Comments

Was the resident able to maintain direct visualization of full path of needle tip from point of entry to vessel entry? (Major)

☐ Yes, able to follow the needle to the vein with US guidance

☐ Unable to follow needle to the vein

☐ Comments

Was there posterior wall penetration? (Minor/Major)

☐ No

☐ Yes, but the resident remediated (Minor)

☐ Yes, but there was no remediation (Major)

☐ Comments

Did the resident successfully achieved venipuncture within 10 minutes? (Minor/Major)

☐ Yes, successfully placed needle in vein within 10 minute time limit

☐ Yes, successfully placed needle in vein in more than 10 minutes (Minor)

☐ No, unable to successfully place needle into vein (Major)

☐ Comments

Did the RESIDENT use an ANGIOCATHETER for venous access?

☐ Yes

☐ No

☐ Comments

Which method did the resident use?

☐ Short access only

☐ Long access only

☐ Mixed technique

☐ Comments

"HOW DO YOU KNOW YOU ARE IN THE VEIN?" - (Major)

RESIDENT NAMES AT LEAST 2 OUT OF 4 WAYS YOU KNOW YOU ARE IN THE VEIN

1) Use Ultrasound to Demonstrate Catheter in Vein

2) Aspiration of Dark, Non-pulsatile Blood

3) Attach a Manometer that Demonstrates Low Non-Pulsatile Pressure

4) Attach a Fluid Column to Catheter Demonstrates Low Pressure

☐ Yes, provided a least 2 correct responses

☐ No, provided 1 or no responses

☐ Comments

INSERT WIRE (Major)

Did the resident insert the wire into the needle or angiocatheter using proper technique?

☐ Yes, guide wire was placed using appropriate technique

☐ No, guide wire was not placed properly

☐ Comments

"LEAVE YOUR KIT AND COME WITH ME TO PHANTOM TO COMPLETE PROCEDURE"

COMPLETE PROCEDURE WHERE YOU LEFT OFF ON THE SIMULATOR

Was DILATION OF TRACK performed correctly? (Major)

☐ Yes

☐ No

☐ Comments

Was PASSING THE TRIPLE LUMEN CATHETER OVER THE WIRE INTO VESSEL performed correctly? (Major)

☐ Yes

☐ No

☐ Comments

Did the resident remove THE WIRE leaving the catheter in place? (Minor)

☐ Yes

☐ No

☐ Comments

Did the resident maintain control of the wire? (Major)

☐ Yes

☐ No

☐ Comments

Using the catheter model describe suturing the catheter in place. (Minor)

- ☐ Was able to describe suturing catheter in place.
- ☐ Was UNABLE to describe suturing catheter in place.
- ☐ Comments

WHAT ARE THE POST PROCEDURE TASKS? (Minor)

1. Order chest x-ray
2. Document adherence to central line bundle or document exception in chart
3. Verbalize need to remove catheter as soon as not medically indicated
4. Place order

- ☐ Yes, able to describe post procedure tasks
- ☐ No, unable to describe post procedure tasks
- ☐ Comments

Post Procedure Asepsis (ask nurse if pass or fail)

- ☐ Pass
- ☐ Fail

During the procedure did the resident have a break in sterile technique? (Major)

- ☐ Had no breaks in sterile technique throughout the procedure
- ☐ Had a break in sterile technique but was ABLE to describe remediation
- ☐ Had a break in sterile technique but was UNABLE to describe remediation
- ☐ Had a break in sterile technique and displayed a negative attitude regardless of describing remediation
- ☐ Comments

POST-PROCEDURE

Did the resident pass or fail?

- ☐ Pass
- ☐ Fail
- ☐ Comments

Why did the resident fail?

- ☐ Wire control
- ☐ Unable to follow needle

☐ Procedure greater than 10 minutes

☐ Asepsis

☐ Other

Report to resident the results of the evaluation.

Please select your name:

☐ Broughton

☐ Aldaher

☐ Adam

☐ Zevallos

☐ Rodriguez

☐ Rismani

☐ Jones

☐ Bailey

☐ Brown

☐ Blom

☐ Lyon

☐ Sharp

☐ Beradi

☐ Mabes

☐ Kaminstein