

OPTIONAL

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**University of South Alabama
Department of Cardiorespiratory Care
Clinical Competency Checklist
Umbilical Artery Line Sampling**

Student's Name _____ Date _____ Attempt # _____

Rating Scale: **0 = inappropriate, no, incorrect, undone, absent**
 1 = needs additional study and practice
 2 = appropriate, yes, correct, done, present

ITEM

RATING

- | | |
|---|-------|
| 1. Washes hands and dons gloves. | _____ |
| 2. Assures patient's identity and order for blood gas. | _____ |
| 3. Obtains a sterile 1 cc blood gas syringe. | _____ |
| 4. Check for arterial wave form and pressure reading. | _____ |
| 5. Attaches a sterile 3 cc syringe to 3-way stopcock on the UAC. | _____ |
| 6. Opens the stopcock and withdraws approximately 2 cc of blood. | _____ |
| 7. Closes stopcock and removes 3 cc syringe and attaches 1 cc heparinized syringe. | _____ |
| 8. Opens stopcock and withdraws 0.3 cc of blood into 1 cc syringe. | _____ |
| 9. Closes stopcock. Remove and caps 1 cc syringe and reattaches 3 cc syringe. | _____ |
| 10. Opens stopcock and returns blood and solution to baby.
Assures that no air bubbles or clots are injected. | _____ |
| 11. Opens stopcock to flush syringe and flushes with approximately 0.3 cc
of heparin flush solution. Assures that no air bubbles are injected. | _____ |
| 12. Clears sample of air bubbles and mixes blood and heparin. | _____ |
| 13. Checks for return of arterial wave form and pressure readings. | _____ |
| 14. Transports sample to blood gas machine. | _____ |
| 15. Analyze sample or deliver for analysis. | _____ |

Total = _____ out of 30 % = _____ 70% proficiency required to pass

Instructor's Signature: _____

Instructor's Name: _____ Credential: _____
(Please print)

Student's Signature: _____