

GEM PREMIER 5000  
Competency Problem Solving Quiz NICU

Printed Employee Name: \_\_\_\_\_

Location: NICU H24

1. In preparing a syringe sample after collection from the patient, you should:
  - a) Mix the sample gently for 15-30 seconds immediately after collection by rolling between palms and gently rocking back and forth. Excel all air. Mix again briefly at machine, right before analyzing.
  - b) Mix the sample vigorously after collection by shaking the syringe hard back and forth.
  - c) Do nothing. Mixing doesn't help prevent clots or protect the machine from breaking.
  
2. To avoid errors on screen and erroneous results, it's important to prepare capillary samples accurately and note where the probe should be placed when running them on the GEM. Select all appropriate steps:
  - a) Fill capillary tube at least 80% full of blood.
  - b) Immediately after collection, mix the sample gently for 15 seconds by rolling between palms and gently rocking back and forth. This helps avoid clotting in the tube and GEM errors like Sample Not Detected.
  - c) At the GEM, mix again briefly between palms. Select ordered tests under Capillary sample type; tilt capillary tube so blood is at the very end of the tube and the probe is inserted directly into the blood, hit Aspirate.
  
3. When running the syringe samples, it's important to note where the probe should be placed to avoid errors on screen and erroneous results. How do you position the probe?
  - a) At the bottom of the syringe, so it's touching the rubber stopper to ensure its fully inserted into sample.
  - b) Centered in the syringe where it is only touching the blood sample for the entire time of aspiration.
  - c) At the top of the syringe so at the end of sampling it will suck air to clear out probe.
  
4. I inadvertently scanned in the wrong patient ID and POCT Services is closed. What are the next steps?
  - a) Immediately notify provider of the patient impacted (wrong patient); call Hematology at x66215 with MRN and date/time of wrong patient ID so they can comment over wrong results and credit charge; email POCT Coordinator details of the issue and that hematology was notified.
  - b) Recollect the specimen from the correct patient, and re-test using positive patient ID protocol (2 patient identifiers present)
  - c) Both a) and b)
  
5. I inadvertently ran the wrong sample type, and I cannot collect a new sample (for example, accidentally selected Cord Venous button but meant Cord Arterial), circle all the steps that you would do next:
  - a) Notify provider of the patient impacted (wrong sample type showing in chart)
  - b) Fill out Wrong Specimen Type form, scan, and email to POCT Coordinator so it can be updated in chart during business hours.
  
6. When scanning the CSN barcode in the ACCOUNT field and no demographics display, I verified that I used the correct patient label, and it is not a scheduled Epic downtime. What do I do next?
  - a) No further action is required.
  - b) Enter the MRN in the PATIENT ID field and report the incident to POCT Coordinator.
  
7. True or False: If the NICU GEM is down and you need to send a sample to the lab, the appropriate workflow can be found in the Standard work for Downtime Blood Gas Process, which could be found in H24 Hard drive.

YOU MUST SCORE 100% TO PASS

SCORE

Employee Signature/Date

Trainer Signature/Date