GEM PREMIER 5000
Competency Problem Solving Quiz – RCS in ICU

Printed Employee Name: _____ Location: Respiratory Care Services

1. True or False: As a licensed Respiratory Care Practitioner, it is within my scope of services to perform testing on panels that do NOT include the blood gas analytes (pH, pCO2, pO2, COOX). For example, I can perform Lactate alone.

2. Which panel names would you most likely be selecting on the home screen?
    a) Green VBG, BG-COOX, Lactate
    b) Regular, iCa, COOX
    c) BG-LYTES, iCa, BLD GAS
    d) BLD GAS, BG-COOX, COOX

3. After a cartridge is replaced, the typical length of warm up and cartridge QC can be up to:
    a) 10 minutes
    b) 60 minutes
    c) 90 minutes
    d) 100 minutes

4. How do you know the GEM 5000 is ready to run a patient?
    a) The CVP QC passed on all analytes during cartridge warm up, and no analytes are red on screen. If any analytes are did not pass QC (are red), determine with supervisor if cartridge should be replaced.
    b) The status bar across the top of the screen is green and says "Ready"; and all analytes are green in the bottom status bar.
    c) Both a) and b)

5. True or False: I can run and report a sample if the LACT is "fixing" but the patient needs ABG only.

6. I inadvertently scanned in the wrong patient label 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) Submit a UO and notify the provider of the patient impacted (wrong patient).
    d) Both a) and b)

7. When scanning the CSN barcode in the ACCOUNT field and no demographics display, I verified that I used the correct patient label. 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 Services.

8. If you run the wrong sample type (for example, results look like it's venous, but should have been arterial), circle all the steps that you would do next:
    a) Notify provider of the patient impacted (wrong sample type)
    b) Notify POCT Coordinator the exact date, time, and GEM location the wrong sample type was run on. POCT cannot modify results in Epic, only comment over the wrong results and credit charge.
    c) Determine with provider if need a new order is needed for arterial and redraw and retest sample on GEM.

9. In preparing the syringe sample, you should:
   a) Mix the sample vigorously to avoid clotting and to create a homogenous sample. The sample may be run thereafter.
   b) Mix the sample for 30 seconds right after collection and then right before sampling, alternating between inverting and rolling between outstretched palms. Expel all air. Expel a few drops of the sample onto a gauze pad to check for clots.

10. RCS can run either an arterial or venous sample for a CODE BLUE or MERT emergency case on the H34 GEM:
    a) True
    b) False

YOU MUST SCORE 100% TO PASS.

If you did not pass, please review the Policy and Procedure and retake the exam.

SCORE

Employee Signature / Date   Trainer Signature / Date

GEM PREMIER 5000
Competency Problem Solving Quiz – RCS in ED

Printed Employee Name: _____ Location: Respiratory Care Services in ED

1. Which panel names would you most likely be selecting on the GEM5000 Quick Start test menu in ED:
   a) Green VBG, BG-COOX, Lactate
   b) Regular, iCa, COOX
   c) BG-LYTES, iCa, BLD GAS
   d) BLD GAS, BLD GAS-ART; BG-COOX, BG-COOX-ART; COOX, and COOX-ART

2. Which panel names would you NOT be selecting on the GEM5000 test menu in ED. Select all that apply:
   a) REGULAR, REGULAR-ART
   b) iCA, LACTATE
   c) FULL PNL-ART, FULL PNL-VEN
   d) BLD-GAS, COOX

3. Which page # on the Quick Start menu are the majority of the arterial sample type panels on:
   a) Page 1
   b) Page 2

4. When scanning the CSN barcode in the ACCOUNT field and no demographics display, I verified that I used the correct patient label. What do I do next?
   a) No further action is required.
   b) Leave the CSN in the ACCOUNT field and manually enter the MRN in the PATIENT ID field using positive patient identification (PPID) and report the incident to POCT Services. If the network is down, once back up, the results should post with those 2 identifiers.

YOU MUST SCORE 100% TO PASS.

If you did not pass, please review the Policy and Procedure and retake the exam.

SCORE

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Employee Signature / Date   Trainer Signature / Date