**UPMC Hanover/Memorial  
Laboratory – Point of Care Department  
iSTAT Handheld Analyzer – Activated Clotting Time (Celite ACT)**

**Competency Quiz 2019**

Select the correct answer to the questions below.

1. You have removed 3 ACT cartridges from the refrigerator for a patient test. How long should they remain at room temperature before performing the test?

a. 5 minutes

b. 20 minutes

c. 60 minutes

d. they may be used immediately

2. ACT cartridges may be used until the expiration date printed on the carton when kept in the refrigerator. How long may the cartridges be used if they are stored at room temperature?

a. 5 days

b. 12 days

c. 14 days

d. 21 days

3. What is the proper way of handling the ACT cartridge?

a. Do not touch the center of the cartridge

b. Hold the cartridge by the sides

c. Do not touch the sensors (silver) on the cartridge

d. All of the above

e. None of the above

4. What is the minimum amount of blood that should be discarded before drawing the specimen for the ACT test?

a. 5 ml

b. 10 ml

c. 15 ml

d. 20 ml

5. Quality check codes or stars may display on the iSTAT rather than the patient results you expected. Why could this happen?

a. the cartridge is overfilled or underfilled

b. there are bubbles in the sample

c. there may be clots in the sample

d. All of the above

e. None of the above