


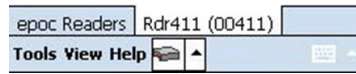
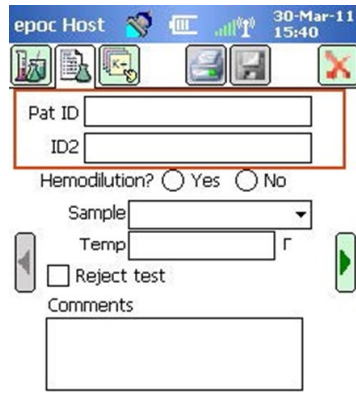


epoc QUICK REFERENCE SHEET

STEP 1—SET UP THE MACHINE

- 1) Turn on epoc reader, followed by the host
- 2) Scan your badge
- 3) Wait for epoc host to connect to reader and for reader to complete its configuration (about 15 seconds)
- 4) Insert Test Card when indicated on the Host Screen
- 5) After the card is inserted into the reader, calibration will begin (165 seconds)
- 6) Select the Test Information page tab 
- 7) Scan patient name band or chart label. select sample type,
- 8) Use the green arrows to page through and enter respiratory therapy parameters
- 9) **Using the green arrows go to the age and gender page, ensure age and gender are entered if running a basic metabolic panel.**
- 10) Go to the Test Selection Page and select test panels to run, see below for test panel options, this must be done before introducing the sample. 
- 11) Return to the Test Result page 




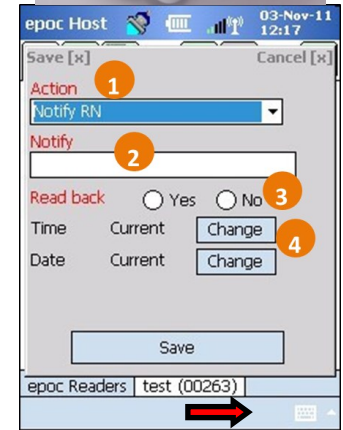
STEP 2—COLLECT SAMPLE

- 1) Find acceptable collection site on patient
- 2) Assure you have what you need for testing
- 3) **IF APPLYING TOURNIQUET-** Do not apply for >1 min before collecting sample.
**IF 1 minute tourniquet time is exceeded, release tourniquet and allow blood flow for 2-3 minutes to prevent skewed results of ionized Calcium, pH level, and lactate.*
- 4) **IF DRAWING FROM AN IV LINE-** extract 10mL to waste, discard syringe, then draw sample into new syringe
- 5) Capillary Sample- follow the Care-fill capillary tube instructions



STEP 3—INJECT SAMPLE INTO TEST CARD

- 1) When prompted on the epoc Host screen following calibration (7.5 Minutes to introduce the sample), inject sample into Test Card in one smooth motion until the epoc makes an audible beep. *Leave capillary tube in for the duration of testing.*
- 2) Results will display after 35 seconds.
- 3) Review results for critical values
- 4) Record Critical Value documentation on the Critical Actions Window using the touchscreen keyboard (indicated by an arrow in the picture to the right) or the keypad (with the orange button depressed)
- 5) Make sure all required testing is ordered.
- 6) Print if needed with the Printer Icon.
- 7) Select the red X to complete testing and transmit to the patient's chart 



Orderable Test Panels

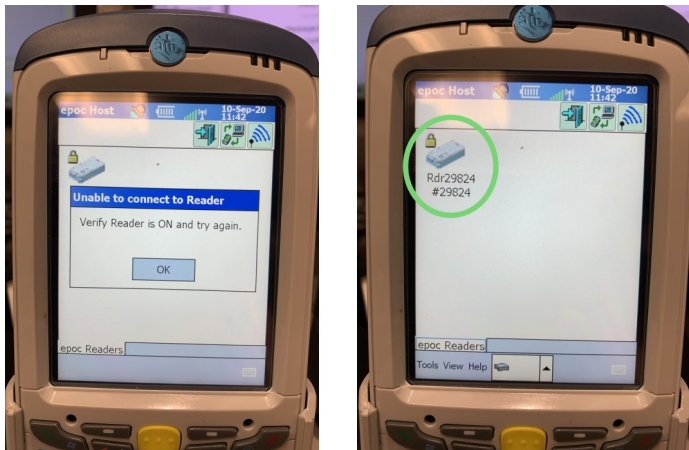
Test Ordered	Test selection on epoc	Test Results	Test Ordered	Test selection on epoc	Test Results
POC Blood Gases	Gases	pH, pCO2, pO2, HCO3-, BE, SO2, TCO2	POC Hgb/Hct	Hct	Hct, Hgb
POC Blood Gases with lactate	Gases and Lactate	pH, pCO2, pO2, HCO3-, BE, SO2, TCO2, Lact	All Testing (POC Blood Gases with Lactate and POC Chemistry by Nursing)	Select All	pH, pCO2, pO2, HCO3-, BE, SO2, TCO2, Lact, pH, pCO2, pO2, HCO3-, BE, SO2, TCO2
POC Chemistry by Nursing (Chem8)	Electrolytes and eMP	Na, K, iCa, Cl, TCO2, Hct, Hgb, Glu, BUN, Crea	POC Lactate	Lactate	Lact

Troubleshooting

- If screen on epoc is frozen or the epoc application is closed (windows screen), perform a reset of the device by holding 1,9 and the power button on the host. The device will turn off and restart with the epoc program running.



- If the epoc fails to connect to the reader, ensure the reader is on and then double-click on the icon of the reader on the screen.



Call Emily or Rose in Point of Care at 574-5847 (ext 5847) if further assistance is needed.

Sample Stability

Test	Sample Collection Details		
	Syringes 1 or 3 mL plastic Without anticoagulant (<i>run immediately</i>) With Li or Na heparin With balanced heparin No storage on ice	Evacuated Tubes With Li or Na heparin Without anticoagulant must be run immediately. Note that clot activators may be present in some collection devices.	Capillary Tubes epoc Care-Fill Capillary Tubes only
pO ₂	< 30 min	< 30 min	<5 min
pH/pCO ₂ *	< 30 min	< 30 min	<5 min
TCO ₂	< 30 min	< 30 min	<5 min
Ca ⁺⁺	< 30 min	< 30 min	<5 min
Glu	< 30 min	< 30 min	<5 min
Lac	<5 min	< 5 min	<5 min
Hct	< 30 min ensure well mixed prior to testing	< 30 min ensure well mixed prior to testing	<5 min
All other tests	< 30 min	< 30 min	<5 min

- If the printer will not print and the power icon on the printer is blinking, the batteries need to be replaced. *Each printer requires 4 AA batteries. They can be acquired from the stockroom.* Ensure the printer is tuned off after each use to conserve the batteries. If the printer stays plugged in, batteries are not required.
- Printer paper can also be acquired from the stockroom, ask for iSTAT printer paper.
- Any questionable results, or results that don't match the patient's clinical picture can be repeated on the epoc or sent to the laboratory for confirmation.**