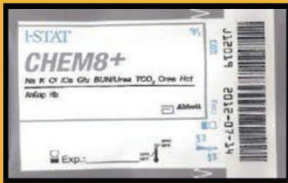


Appendix 8: i-STAT System Job Aid

Run multiple cartridges in the following order, as applicable: **PT/INR** → **CG4+/EC8+** → **CHEM8/CREA/G** → **cTnI**



**STEP 1**


**EQUILIBRATE CARTRIDGE**

Allow sealed pouch to come to room temperature for at least 5 minutes before use.  
**DO NOT OPEN POUCH BEFORE SCANNING THE BARCODE.**



**STEP 2**

**PREPARE THE ANALYZER FOR TESTING**

Press the power button  to turn on the i-STAT.  
Scan or manually enter your operator ID. Repeat if prompted.  
Enter the patient ID.

Scan the lot number on the cartridge pouch.

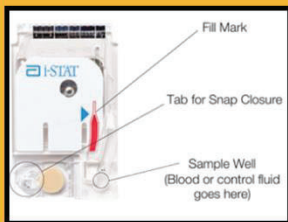
Place the analyzer on a clean flat surface.  
**DO NOT MOVE THE i-STAT UNTIL ANALYSIS IS COMPLETE.**



**STEP 3**

**PREPARE THE SAMPLE AND CARTRIDGE**

Remove the cartridge from the pouch, touching only the sides. Place on a clean surface.  
Samples collected **without anticoagulant must be tested immediately**, without mixing.  
Samples collected in tubes with anticoagulant must be mixed well. Invert 8-10 times.  
Briskly roll blood gas syringes back and forth for 5 seconds before testing.



**STEP 4**

**FILL CARTRIDGE**

Using a plastic transfer pipette or blunt-tipped syringe dispense blood into the cartridge up to the fill mark as indicated. Some blood should be left in sample well.

Fold the snap closure over the sample well until it clicks into place.

**DO NOT PRESS DIRECTLY OVER THE SAMPLE WELL.**



**STEP 5**

**RUN THE TEST**

Push the filled cartridge into the analyzer port until the cartridge clicks into place.

The analyzer will display a 'Time to Results' bar.

When the results are shown, and 'Cartridge Locked' message disappears, the cartridge may be removed and discarded in an appropriate biohazard waste container.

Print and review results. The next cartridge may be tested immediately.

**PRINTING RESULTS**

Place the i-STAT on the downloader/recharger base, making sure to align the infrared window of the i-STAT to the printer, and press PRINT.

If the device turns off before printing, turn it back on and press 1, then press PRINT