ABL800 Blood Gas

Patient Test Procedure

Austin HEALTH | Pathology

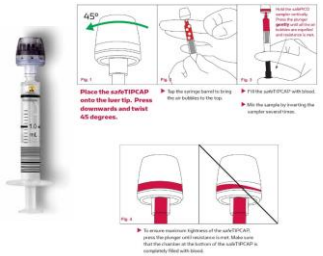
Before Testing

Register the patient with a UR number before testing. If this is not possible, use the UR Number **999999999.**
If DOB is unknown, enter **01/01/1900. Complete a POCT Reconciliation Form.**
If an incorrect UR is entered, results may go to the wrong patient record. **Contact your supervising lab immediately**, complete a POCT Reconciliation form, and send it to poc@austin.org.au



1

Collect blood gas sample using safePICO syringe with the recommended volume of **1.0mL**.
Expel air into safeTIPCAP and mix well.



2

Wrap the bradma label flat around the syringe barrel.
Confirm Positive Identifications using 3 points of ID: **UR Number, Full Name, & DOB.**
All blood gas samples **MUST be labelled** before walking to the machine.



3

Using the barcode scanner, scan the UR Number on the bradma.



4

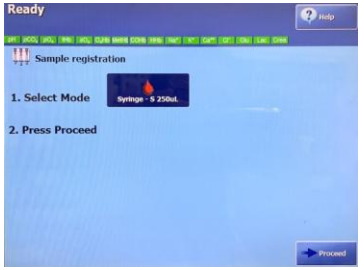
When the Sample Pre-registration screen appears, check the patient details on screen match the bradma label.



5

Default mode Syringe - 250uL is selected automatically.

Press Proceed.



6

Press Accept.



7

Load the syringe into the available slot on the FLEXQ tray, ensuring that the finger flanges are horizontal.





8

When the Sample Registration screen appears, select the sample type (e.g. arterial or venous). If patient details don't download, press Request. Enter the temperature and FO_2(I), confirm all details are correct, and press Accept.
Log off.



Errors/Troubleshooting

- **Clotted, bubbles, or insufficient sample**
  Sample will be rejected and '?' flag will appear beside result. Collect new sample and retest.
- **Haemolysed sample**
  If sample was a difficult collection, the red cells may have haemolysed during collection causing a false high K result. Recollect new sample and retest.
- **Ruptured membrane in safeTIPCAP**
  Too much pressure was applied when air was expelled form syringe. The pO_2 and PCO_2 result will be affected, recollection is recommended.
- **Instrument errors and Red traffic light**
  Call equipment technician or the laboratory for troubleshooting

Safety

This procedure involves the handling of human biological specimens.
Staff must adhere to relevant safety protocol including the wearing of appropriate personal protective equipment

References

MGM-POC-008 ABL800 FLEX Operators Manual