

Arterial Blood Gas System Needle Protection Instructions

1



Pre-Set Syringe

Ensure needle is securely tightened. The syringe fills to pre-set plunger position. Blood Sample size should be as small as feasible.

2



Remove Needle Sheath

Pull sheath straight off as to not cause damage to the needle bevel. The needle protection system is always oriented with the bevel side-up on the needle for easy identification

3



Prepare Arterial Puncture Site and Draw Blood

Perform procedure per practice protocol. Notice the clear needle hub for instant visualisation of the arterial "flash".

4



Withdraw needle from artery

Remove needle from artery once sample is collected and apply firm pressure to puncture site for a minimum of 5 minutes (ensuring bleeding has stopped before removing pressure). While applying pressure engage the needle protection device using one of the techniques overleaf.

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Arterial Blood Gas System Needle Protection Instructions Cont...

5a



Firm Surface

Use flat, firm surface, gently push down on device until it engages

5b



Thumb

Push safety device with thumb using a forward motion until it engages

5c



Forefinger

Push safety device with forefinger using a forward motion until it engages

6



Close Position

Once safety device is engaged, twist device off and discard in biohazard container

7



Cap and Mix Sample

Once sample is capped, mix sample for 20-30 seconds. Syringe can safely be used to measure Ionized Ca and Mg***

*** 3ml syringe contains 50 units and 1ml syringe 25 units of powdered balanced lithium zinc heparin safe for electrolyte measurement

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