



ARTP

Association for
Respiratory Technology
& Physiology

Evidence Sheet 1

Record of observed practice

Candidate Name: _____

Having completed theoretical instruction and assessment, the above named candidate has witnessed the following demonstrations of blood gas sampling.

Sample No.	Date & Time	Site used & comments about procedure	Performed by (Name & Signature)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

The candidate has witnessed sufficient demonstrations of blood gas sampling and feels confident to proceed to supervised practice.

Candidate Signature: _____

Date: _____

WBM Signature: _____

Date: _____



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Arterialised Capillary Sampling Checklist

Procedure Date: _____ Assessment No. _____

Critical Performance Elements	Yes	No
COMPETENCY STATEMENT: Provides appropriate care for the patient requiring capillary blood sampling		
1. Identifies the indications for obtaining capillary blood samples		
2. Verifies patient details, selects correct equipment, observes infection control procedures, positions patient correctly		
3. Selects appropriate site and checks for contraindications		
4. Vasodilator cream applied to the ear & patient instructed not to touch ear. Effects of cream explained to patient.		
5. Ear inspected for warming after appropriate amount of time. Cream removed and site prepared according to recommended guidelines and local practice		
6. Obtains capillary blood sample from ear: a. Ear lobe is fully supported using a recognised method and is pierced to depth of approximately 3mm using appropriate device (lancet, scalpel blade etc) b. 1st drop of blood discarded, capillary tube placed at correct angle in blood flow & filled to desired level c. Ear is NOT SQUEEZED. Air bubbles removed immediately. Pressure applied to site until bleeding ceases d. Sharps and biohazards disposed of safely		
7. Notes patient's temperature and inspired O2 to allow for correction of the blood sample.		
8. Washes hands, reassess patient including puncture site, and completes documentation		
9. Sample is processed via the blood gas analyser		
10. States the normal range for ABG results, and correlates the current result to previous or baseline ABG values		
11. States precautions and measures aimed at reducing risk of complications		
Outcome (delete as necessary): Successful / Corrected & Successful / Unsuccessful		
Comments:		

Candidate Signature: _____

Date: _____

WBM Signature: _____

Date: _____

To be deemed competent to practice, it is required that there is evidence of a minimum of 5 successful consecutive capillary blood gas samples or 3 successful consecutive arterial blood gas samples.

Radial Artery Puncture Checklist



Procedure Date: _____ **Assessment No.** _____

Critical Performance Elements	Yes	No
COMPETENCY STATEMENT: Provides appropriate care for the patient requiring capillary blood sampling		
1. Identifies the indications for obtaining arterial blood samples.		
2. Verifies patient details, selects correct equipment, observes infection control procedures, positions patient correctly		
3. Selects appropriate site and checks for contraindications		
4. Performs and interprets Allen test according to procedure.		
5. Prepares an appropriate blood gas sampling kit		
6. Prepares site according to recommended guidelines and local practice and uses gloved finger to palpate site		
7. Obtains arterial blood sample from radial artery: <ul style="list-style-type: none"> a. Correctly stabilises artery b. Performs puncture smoothly and allows syringe to fill c. Expels air from the syringe and caps it tightly d. Applies pressure to site for at least 5 minutes e. Sharps and biohazards disposed of safely 		
8. Notes patient's temperature and inspired O ₂ to allow for correction of the blood sample.		
9. Washes hands, reassess patient including puncture site, and completes documentation		
10. Sample is processed via the blood gas analyser		
11. States the normal range for ABG results, and correlates the current result to previous or baseline ABG values		
12. States precautions and measures aimed at reducing risk of complications		
Outcome (delete as necessary): Successful / Corrected & Successful / Unsuccessful		
Comments:		

Candidate Signature: _____

Date: _____

WBM Signature: _____

Date: _____

To be deemed competent to practice, it is required that there is evidence of a minimum of 5 successful consecutive capillary blood gas samples or 3 successful consecutive arterial blood gas samples.