**Arterial Blood Gases Sampling**:

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| **1** | Equipment |
|  | a- 23 gauge needle |
|  | b- 2ml syringe with heparin( if ABG tube available |
|  | use it) |
|  | c- Plastic stopper |
|  | d- Alcohol swabs, 2x2 gauze and gloves |
|  | e- Pack of ice |
| **2** | Explain to the patient |
|  | Put on gloves |
| **3** | Position the patients arm with the wrist extended and |
|  | supine |
| **4** | Locate the radial artery with the index and middle |
|  | finger. |
| **5** | Perform Alen's test \* |
| **6** | Clean the area with alcohol swabs |
| **7** | Insert the needle at 60° to the point of maximum |
|  | pulsation |
| **8** | Advance the needle till blood comes into the syringe |
| **9** | Remove the needle place it in the plastic stopper and |
|  | press firmly |
| **10** | Remove the needle from syringe |
| **11** | Cap syringe push the air out make sure no bubbles |
| **12** | Send for analysis ensuring its packed in ice |

\*Allen's test: Compress both the radial and ulnar arteries at the same time. The hand should become white, release the ulnar artery and the color should come back to the hand. This ensures there will be blood supply to the hand if blockage occurs.