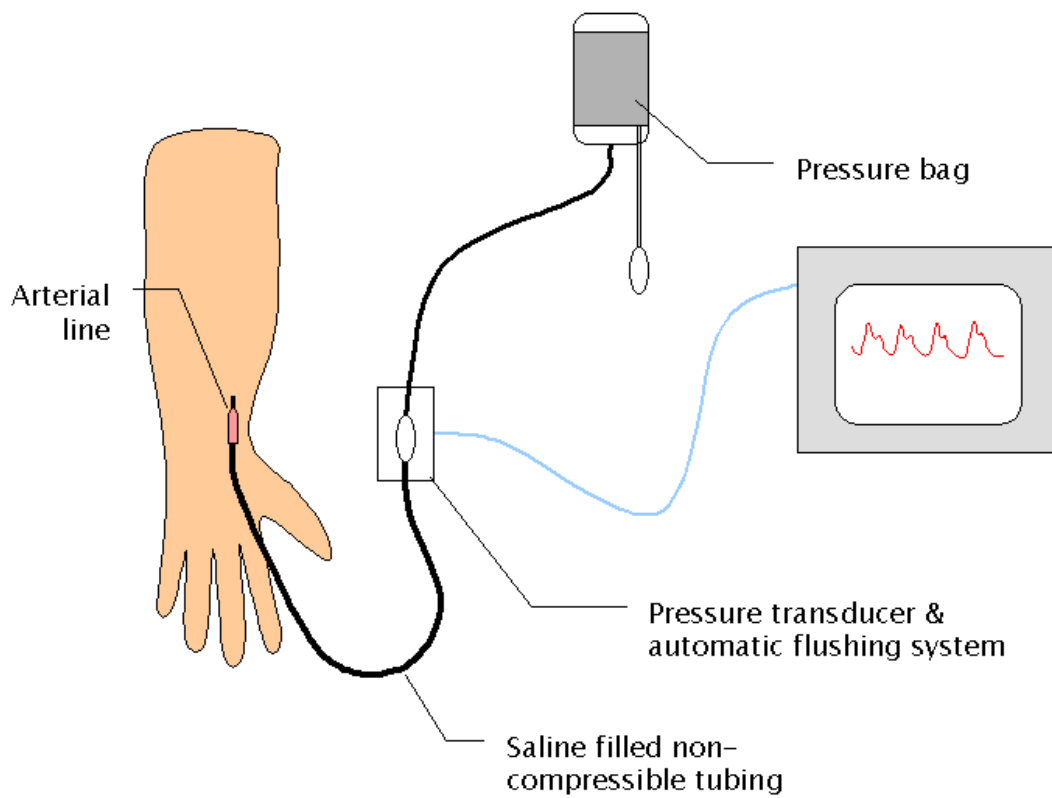


Arterial line training



Coronary Care Unit

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Arterial lines

Aims

To explore how arterial lines are used and managed in a way that is safe and consistent with current best practice

Objectives

1. To discuss the rationale for arterial line insertion and explore the common insertion sites
2. With reference to the cardiac cycle explore the arterial waveform and its component parts
3. To recognise and act in the event of a under dampened trace
4. To recognise and act in the event of a over dampened trace
5. To discuss waveform analysis
6. To discuss the complications associated with arterial line insertion
7. To discuss the key issues for the nursing care of a patient with an arterial catheter
8. To understand the expected standard of care that is consistent with current best practice
9. To ensure staff understand their accountabilities in line with their professional code of conduct
10. To ensure that staff are able to meet the recommendations of the National Patient Safety Agency (2008) "Problems with Infusions and Sampling from Arterial lines".

Intra-aortic balloon pumps

Aims

To explore how intra-aortic balloon pumps (IABP) are used and managed in a way that is safe and consistent with current best practice

Objectives

1. To review cardiac haemodynamic
2. To explore the indications and principles of IABP therapy
3. To explore the contraindications and complications of the therapy whilst in use, during and after removal
4. To explore the basic principles of the therapy including balloon inflation, deflation, timing and trigger
5. To explore IABP waveform interpretation
6. To be able to troubleshoot the alarms
7. To discuss the key issues for the nursing care of a patient with an IABP
8. To consider the process of weaning the patient
9. To understand the expected standard of care that is consistent with current best practice
10. To ensure staff understand their accountabilities in line with their professional code of conduct

Training dates			
Practitioner	Transducing an Arterial Line training (theory) - Maria Ford	Intra-Aortic Balloon Pump training (theory) - Jo Curle & cardiology SpR	Arterial Lines in Practice Radnor Ward
1.			
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