

Unit 5 – Introduction to Anaesthetic Equipment



5 Days

- Organisational and safety requirements
- Health and safety
- Workshop procedure
- Introduction to theatre protocols
- Monitoring transducers
- History of anaesthesia
- Vaporisers
- Respiration physiology
- Absorbers
- Boyle's gas laws
- Gas delivery system
- Anaesthetic gases
- Patient circuits
- Patient connections
- Medical gas cylinders
- Pressure reducing regulators
- Scavenging systems
- Gas hoses
- Test equipment
- Flow meters
- Measuring devices

Objectives

On successful completion of this unit the candidate will be able to:

- Understand the principles of anaesthesia
- Understand the principles of pressure reducing regulation
- Understand Boyle's Gas Laws
- Understand and be able to describe all relevant and current legislative and statutory requirements relating to the unit
- Understand the physiology relating to the unit
- Understand the principles and operation of all equipment relating to this unit
- Test unit equipment to the latest standard using dedicated test equipment
- Practice basic fault-finding techniques
- Carry out device testing procedures.