



Medical Equipment Servicing anaesthesia & ventilation equipment

We deliver highly practical training for **biomedical** engineers relating to the safety, servicing and performance verification of a range of equipment including **electro-cardiovascular, ventilation and anaesthesia**.

Is this course for you?

The course will provide an excellent foundation for medical engineering staff who are involved in the servicing and maintenance of both Anaesthesia and ventilation equipment in hospitals.

This course will cover the following topics:

- Medical Gas
- Introduction to Anaesthesia and Lung Ventilation
- Gases used in Anaesthesia
- Anaesthesia Machine Safety
- Ventilators
- Principles of Ventilation
- Ventilator Parameters
- Ventilation Modes
- Safety testing and performance testing

Course aim

To provide the knowledge and skills to perform maintenance and servicing of a wide range of Anaesthesia and ventilation equipment.

Objectives

- Describe human respiratory physiology and patient ventilation
- Differentiate the modes /types of mechanical ventilation
- Describe medical gas handling and safety, including the pipeline system
- Describe the requirement for anaesthesia
- Recognise hazards associated with the handling of anaesthesia agents
- Perform maintenance, safety testing and performance testing on a patient ventilator, anaesthetic equipment and its associated equipment using the appropriate test tools