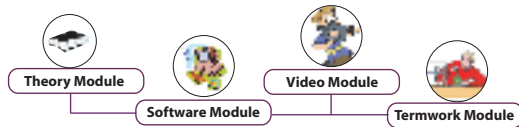


# Manufacture Management & Safety of Medical Equipments

SoftTech ENGINEERS PVT.LTD. Introduces, Global e-Learning System in Education & Training in the form of Learning Resources with Computer Aided Instructions



System Requirement:- IBM-PC Compatible with Window-OS, 128 MB RAM/Multimedia Kit

## Theory module

**Features :** Theory, Figures, Photographs, Animations with controller, Highlighter tool, Note creation facility, Systematic page navigation, Printing facility, Access to Videos at appropriate locations.

## List of Topics

### Electromagnetic Interference to Medical Electronic Equipment



Introduction, Types and source of EMI, EMI effects,, EMI mitigation, Intramodulation problems, Dealing with TVI, ECG Equipment and EMI, EMI to biomedical Sensors.

### Quality Assurance and Continuous Quality Improvement

The theory of variation, Variation in a system, Types of variation, Creating a Histogram, Interpreting QCHistogramme, Control Charts, DIScriminating Between Special and Common Causes.



### Medical Equipment Maintenance, Management Facilities, and Equipment



Types of MROs ,Levels of capability, Types of organization, Technical Personnel, Management approaches.

### Requirements management

Types of requirments, Scope of requirments, Primary and derived requirments, Stakeholder and system requirments, Requirments application,



## Electrical Safety in the Medical Enviroment

Scope of electrical safty in medical institutions, Preventive maintenance to reduce electrical hazards, Legal and insurance requirements for electrical safty, Setting up an electrical safety program in the hospital.



## Electrosurgery Generators



Electrosurgery Machines, Electrosurgery circuits, Electrosurgery safety, Testing Electrosurgery units.