



Institute of Decontamination Sciences

Welcome to Technical Certificate eLearning Programme



This qualification has been
SCQF credit rated by **SQA**





IDSc Technical Certificate (TC) has been a recognised training programme for staff working within Decontamination for **over 10 years** and **172** candidates currently are registered on the existing qualification.


The eLearning Technical Certificate has been credit-rated at Level 6 on the SCQF. SCQF level 6 is comparable with:

Level 3 – RQF/CQFW (Qualifications in England and Wales)

Level 4 – EQF (European Qualifications Framework)

The purpose of the Technical Certificate Programme is to introduce technician to accept the best practice for use in Decontamination Service Departments in line with Government policy and the guidance provided by The Institute of Decontamination Sciences IDSc.

Technical Certificate E-learning Programme has been revised to reflect changes in the profession of decontamination service provision and as a valuable tool to support those undertaking technical training within the service. It is designed to meet the needs of the Decontamination services personnel embarking upon a career in Decontamination sciences and whose main role is working within a formal Decontamination department. It is also assumed that all the technicians are up-to-date with mandatory training such as Health and Safety measures within their organisation.

A black wire mesh pencil holder filled with many sharpened pencils of various colors (green, blue, yellow, red, purple) is placed on a light-colored wooden surface. The background is a dark teal color with a torn paper edge effect on the right side.

The principles contained in the Technical Certificate E-learning Programme represent current national opinion on the Decontamination of reusable medical devices and include references to national regulatory and guidance information as well as International/European/British Standards where applicable.

Outline of the Technical Certificate E-learning Programme

The Technical Certificate E-learning Programme will focus on all aspects of device reprocessing and will ensure that all candidates have the opportunity to develop the necessary skills, knowledge and attitudes that will ensure a competent and responsive work force is available to deliver a future service within a modernising health services. It will guide and support candidates study. The principal goal of the Technical Certificate E-learning Programme to capture the most important elements of each work area within Decontamination Service Departments and provision of the decontamination of reusable medical devices.

IDSc is proud to present you with a glimpse of new Technical Certificate E-learning Programme below!

This is now available to all new candidates.



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Technical Certificate Programme - E-learning Manual

Module 1

INFECTION PREVENTION & CONTROL - CONTAINMENT, TRANSPORTATION AND RISK MANAGEMENT

Introduction

This module introduces you to the environment and the resources that a technician will require when transporting reusable medical devices to and from the Decontamination department. It will include environmental requirements necessary in the Decontamination department for the prevention and control of potential infection as well as an explanation of Protective Personal Equipment (PPE) and importance of using this.

This module covers activities that you either perform yourself, or the measures you take to protect the equipment that you are transporting, patients, colleagues, visitors and anyone who may become involved. It will explain the importance of complying with risk management, so that you or any other people are not exposed to hazard, infection or any other risk from your actions or inactions.



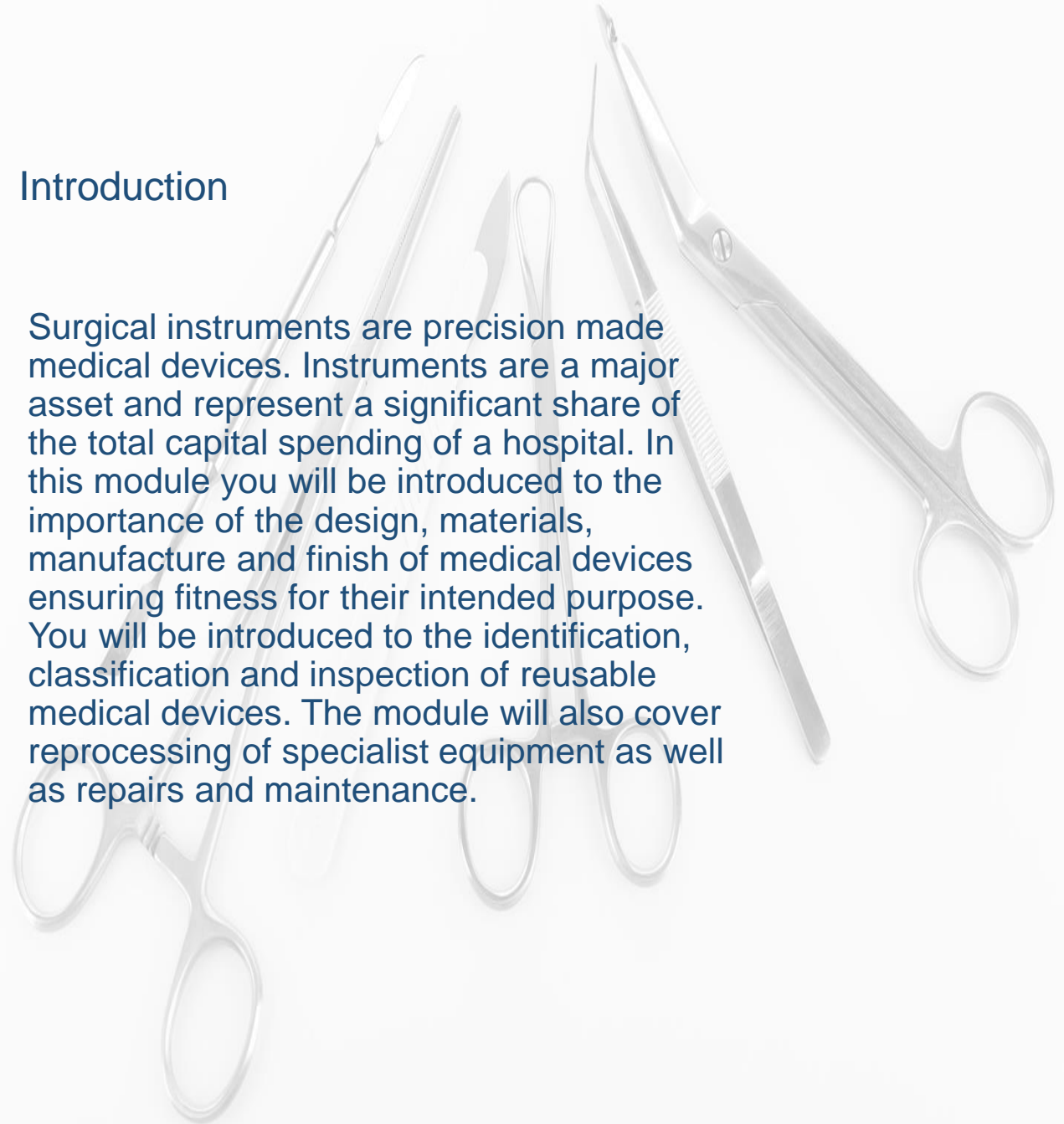
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Module 2 REUSABLE MEDICAL DEVICES – SURGICAL INSTRUMENTS

Introduction

Surgical instruments are precision made medical devices. Instruments are a major asset and represent a significant share of the total capital spending of a hospital. In this module you will be introduced to the importance of the design, materials, manufacture and finish of medical devices ensuring fitness for their intended purpose. You will be introduced to the identification, classification and inspection of reusable medical devices. The module will also cover reprocessing of specialist equipment as well as repairs and maintenance.





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Module 3

RECEIVING, SORTING AND PREPARING OF REUSABLE MEDICAL DEVICES, ACCESSORIES AND CLEANING CHEMISTRY

Introduction

Used returned medical devices must be regarded as a potential infectious hazard to handlers including Decontamination service personnel. It is important to make appropriate arrangements within the Decontamination department to segregate these devices pending their cleaning. In this module you will cover the receipt, sorting and preparation of returned reusable medical devices for cleaning and disinfection. You will learn the activities that you either perform yourself, or the measures you need to take to protect the medical devices that you are handling and preparing for the wash cycle. You will be responsible for complying with protocols that you have been introduced to and being aware of the requirements for this area of the controlled environment so that you and other members of staff are not exposed to any hazards or risk of infection from your actions or inactions.



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Module 4

CLEANING AND DISINFECTION METHODS OF REUSABLE MEDICAL DEVICES

Introduction

In this module you will be introduced to the methods used for cleaning and disinfecting medical devices. You will familiarize yourself with the operation and use of cleaning equipment as well as procedures, records and documentation required. The module will introduce you to routine testing of cleaning equipment and the actions taken in case of faults or malfunctions. Knowledge and understanding of legislation, policy and good practice will be introduced to you. You will be responsible for complying with protocols that you have been introduced to and be aware of the requirements for this area of the controlled environment so that you and other members of staff are not exposed to any hazards or risk of infection.



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Module 5 INSPECTION, ASSEMBLY AND PACKAGING (IAP) FUNCTION TESTING

Introduction



This module covers preparing for inspection, assembly and packaging of reusable medical devices that have been washed, disinfected and are dry. You will gain knowledge and information on function testing, inspection and assembly of reusable medical devices. The module covers packaging, selection and application of packing materials, requirements for sealing and labelling of packages. You will familiarise yourself with records and documentation that is required. The module also covers, legislation, policy and good practice that apply to IAP room.



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Module 6 TERMINAL PROCESSES (STERILIZATION)

Introduction

In Module 6 you will cover the sterilization of reusable medical devices. You will learn about different sterilization methods, equipment used, test regimes and post sterilization. The module will cover Validation and Preventative Maintenance. As a Decontamination personnel you will be responsible for complying with SOP's and being aware of the controls necessary, so that you or other members of staff do not compromise patient safety by their actions or inactions.



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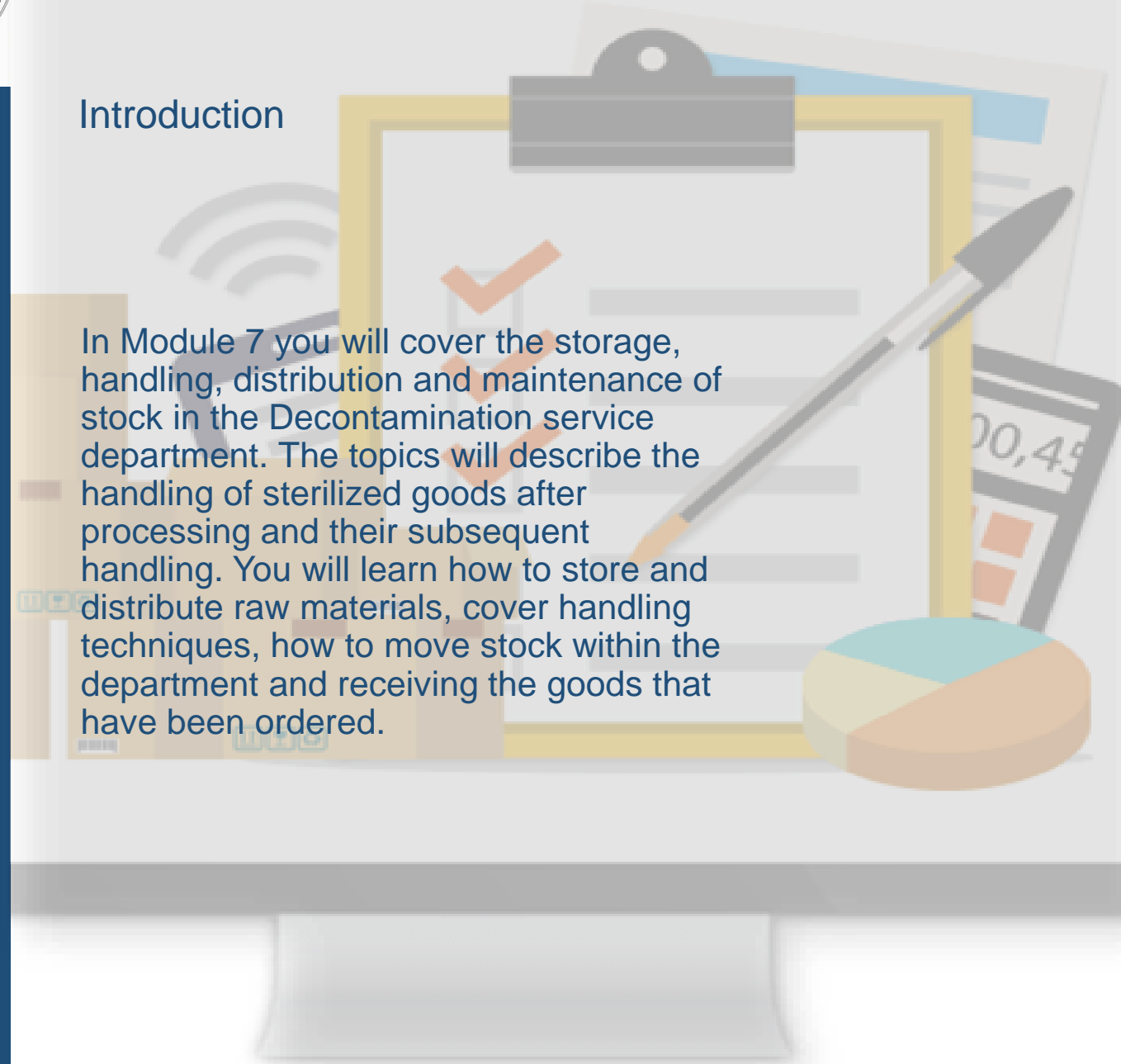
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Module 7

STORAGE AND DISTRIBUTION

Introduction

In Module 7 you will cover the storage, handling, distribution and maintenance of stock in the Decontamination service department. The topics will describe the handling of sterilized goods after processing and their subsequent handling. You will learn how to store and distribute raw materials, cover handling techniques, how to move stock within the department and receiving the goods that have been ordered.





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Module 8 BASIC MICROBIOLOGY

Introduction

This module is designed to ensure that you will understand the basic types of micro-organisms which may cause harm or disease to humans. The module will look at the requirements for microbiological control and monitoring as part of the management of a medical device decontamination system operated in conformance with the requirements of the Medical Device Regulation (MDR) and the relevant standards.

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IDSc would like to thank to everyone who supported us in updating the Technical Certificate Programme with providing images, links, feedback and ideas.

We hope you have found the above information helpful.

For Technical Certificate E-learning Programme costs and further enquiries, please contact us at:

Education@idsc.co.uk or Adminofficer@idsc.co.uk

Thank you

IDSc Team

