Institute of Decontamination Sciences

Welcome to the Endoscopy Technical Certificate in Decontamination

E-learning Programme

This qualification has been SCQF credit rated by SQA

scqf scottish credit and qualifications framework

The purpose of the IDSc Endoscopy Technical Certificate in Decontamination is to introduce candidates to the best practice and standards needed within Endoscopy Decontamination Departments. It ensures candidates operate in line with government policy and the guidance. It covers all aspects of endoscopy reprocessing to ensure that all Decontamination Services personnel can develop the necessary skills, knowledge and attitudes that lead to a competent and responsive work force that can deliver on patient safety within a modernising health service. It's focus is to capture the most important elements of each work area within the Endoscopy Decontamination Department.

The principles contained in the IDSc Endoscopy Technical Certificate in Decontamination 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.

IDSc Endoscopy Technical Certificate in Decontamination 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)

Overview

IDSc Endoscopy Technical Certificate in Decontamination is an online course and the application is available here. Course access will be open to candidates for 24 months, but it is anticipated that the entire course can be completed within 12/18 months. Upon successful completion of the course online access will be terminated.

Benefits and Cost

Becoming a IDSc Endoscopy Technical Certificate in Decontamination candidate also has the benefits of two-years FREE membership to the Institute of Decontamination Sciences, eight editions of the IDSc digital Medical Device Decontamination Journal and upon completion of the course candidates' names will be added to Healthcare Sciences Directory FREE for one year.

The cost of the course is £1,118 per candidate.

Outline of the IDSc Endoscopy Technical Certificate in Decontamination Programme

Please find the introduction to each Module of the IDSc Endoscopy Technical Certificate in Decontamination programme below.

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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 endoscopes to and from the Endoscopy Processing Department. It will include environmental requirements necessary in the Endoscopy Processing Department for the prevention and control of potential infection as well as an explanation of Protective Personal Equipment (PPE) and the 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 persons are not exposed to hazards, infections or any other risk from your actions or inactions.

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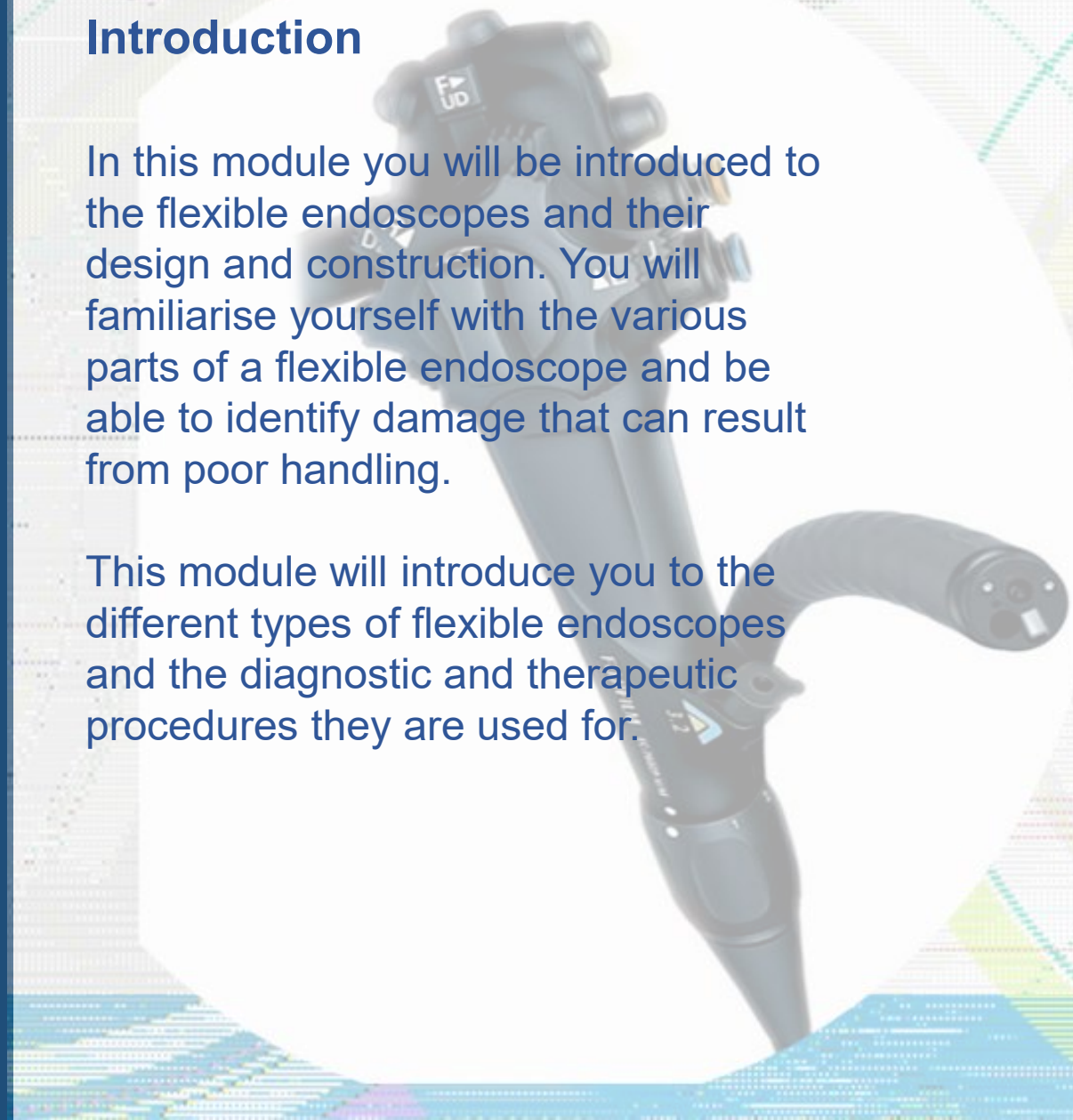
Module 2
Flexible Endoscopes

Introduction

In this module you will be introduced to the flexible endoscopes and their design and construction. You will familiarise yourself with the various parts of a flexible endoscope and be able to identify damage that can result from poor handling.

This module will introduce you to the different types of flexible endoscopes and the diagnostic and therapeutic procedures they are used for.



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Module 3

Receiving and Manual Cleaning of Endoscopes

Introduction

Used returned flexible endoscopes must be regarded as a potential infectious hazard to handlers including Decontamination Service personnel. In this module you will cover the receipt and preparation of returned flexible endoscopes for leak rate testing and the manual cleaning process. You will learn the activities that you either perform yourself, or the measures you need to take to protect the endoscopes that you are handling and preparing for the wash and disinfection 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

Automated Cleaning and Disinfection of Endoscopes

Introduction

In this module you will be introduced to the methods used for cleaning and disinfecting flexible endoscopes. You will familiarise yourself with the operation and use of endoscope washer disinfectors 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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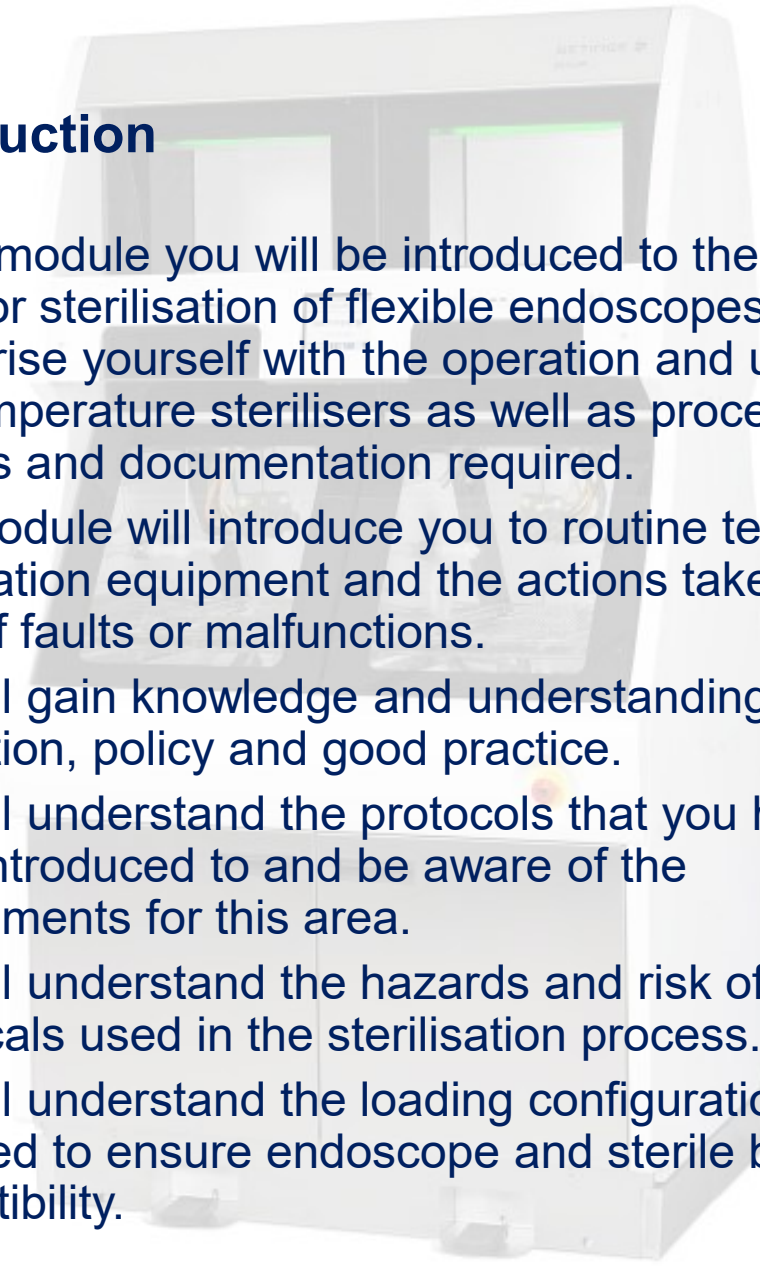
Module 5
Sterilisation of Endoscopes



Introduction

In this module you will be introduced to the methods used for sterilisation of flexible endoscopes. You will familiarise yourself with the operation and use of low temperature sterilisers as well as procedures, records and documentation required.

This module will introduce you to routine testing of sterilisation equipment and the actions taken in case of faults or malfunctions.

You will gain knowledge and understanding of legislation, policy and good practice.

You will understand the protocols that you have been introduced to and be aware of the requirements for this area.

You will understand the hazards and risk of the chemicals used in the sterilisation process.

You will understand the loading configuration and the need to ensure endoscope and sterile barrier compatibility.

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Module 6
Storage of Endoscopes

Introduction

In this module you will cover the storage, handling and distribution of flexible endoscopes. The topics will describe how the flexible endoscopes can be stored, the limitations of storage systems and the different systems available.

At the end of successful EWD cycles the flexible endoscopes are high level disinfected. Storage systems will keep them in this state for an extended period of time. This time period varies from system to system but will be validated to a maximum length and detailed in the Manufacturers IFUs.

You will gain knowledge on the correct loading and product release from the storage systems and the importance of ensuring the Tracking and Traceability system records each stage of the process.

You will understand the importance of the validation and testing protocols for the storage systems.

You will need to understand the need for safe transportation systems that ensures no cross contamination

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Module 7
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.

We hope you have found the above information helpful.

For further enquiries, please contact us at:

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

Thank you,

IDSc Team.

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