Unit 41: Cleaning and Disinfection of Medical Devices: Manual Processes

Level:	**4**
Unit type:	**Optional (Decontamination Science)**
Credit value:	**5**
Guided learning hours:	**30**

Unit summary

This unit will give you the knowledge and skills you need to be able to process reusable medical equipment by the various methods available. The unit will enable you to identify the differences between the methods and their advantages and disadvantages. You will extend and apply this knowledge to specific processing methods as you build your professional practice and practice safely in the workplace.

Unit assessment requirements

There are no specific assessment requirements for this unit. Please refer to the assessment strategy in *Annexe B*.

Additional information

All procedures must be undertaken in accordance with the Standard Operating Procedures (SOPs) and in own area of work.

AC1.2 includes:

- the reasons why this process would be performed, including manufacturers' instructions for use.

AC1.3 includes:

- effectiveness
- reproducibility
- external influences
- consistency
- time efficient.

AC2.4 includes:

- water temperature
- detergent.

AC3.3 includes:

- effectiveness

- reproducibility
- external influences
- consistency
- time efficient.

AC3.4 includes:

- water temperature
- detergent.

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet **in own area of work and in accordance with Standard Operating Procedures (SOPs)** and **Quality Management Systems** to achieve the learning outcomes and the unit.

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
1	Understand the principles and practice of processing reusable medical devices by the immersion manual clean	1.1	Evaluate the standard operating procedure for processing all reusable medical devices by the immersion manual clean method			
		1.2	Describe the reasons why the immersion manual clean method would be used			
		1.3	Explain the advantages and disadvantages of the immersion manual clean method			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
2	Be able to perform the processing of reusable medical devices by the immersion manual clean	2.1	Perform the cleaning process of a medical device using the immersion manual process			
		2.2	Perform the disinfection process of a medical device after the immersion manual process			
		2.3	Describe the personal protective equipment to be worn during this process, including when to change it during the process			
		2.4	Explain what critical parameters must be met during the cleaning phase to complete an effective process			
		2.5	Perform the process of transferring the device to the inspection and packing room to prevent cross-contamination			
		2.6	Describe the cross-infection risks to staff and the device			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
3	Be able to perform the processing of reusable medical devices by the non-immersion manual clean	3.1	Perform the cleaning process of a medical device using the non-immersion manual process			
		3.2	Perform the disinfection process of a medical device after the non-immersion manual process			
		3.3	Describe the personal protective equipment to be worn during this process, including when to change			
		3.4	Explain what critical parameters must be met during the cleaning phase to complete an effective process			
		3.5	Perform the process of transferring the device to the inspection and packing room to prevent cross-contamination			
		3.6	Describe the limitations of the process and the cross-infection risks to staff and the device			
4	Be able to record all tasks in the departmental information system	4.1	Record the task completed into the department information system			
		4.2	Recover information from the information system of previously processed devices, using this method			

Learner name: _____ Date: _____

Learner signature: _____ Date: _____

Assessor signature: _____ Date: _____

Internal verifier signature: _____ Date: _____
(*if sampled*)