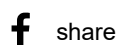


Decontamination and sterilization of medical devices



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The decontamination of instruments and medical devices plays a very important role in the prevention of health care-associated infections (HAIs). Indeed, improper decontamination of surgical instruments, endoscopic devices, respiratory care devices and reusable haemodialysis devices still occurs in many settings, leading to HAIs. This course is based on the WHO manual on decontamination and reprocessing of medical devices for health care facilities, as well as in collaboration with the US CDC.

 Self-paced Language: English COVID-19[>>Enroll me for this course](#)

Course information

Overview: The processes of sterilization and decontamination are complex, requiring specific infrastructure, equipment and process. In this course, which is divided into two parts, you will learn about the overall procedure

for managing decontamination and sterilization of medical devices.

Learning objectives: By the end of this course, you should be able to:

- describe decontamination and Spaulding classification;
- explain the dangers of reprocessing single-use medical devices;
- describe the layout and flow of the decontamination unit;
- list the steps for proper receipt, storage and transportation of sterile medical devices;
- describe the importance of, and appropriate methods for, cleaning medical devices;
- outline best practices for inspection, assembly and packaging of medical devices;
- explain the various elements of the validation process for steam sterilization; and
- describe the various methods of disinfection and sterilization.

Course duration: Approximately 2 hours (1 hour per part).

Certificates: A Record of Achievement will be issued to participants who receive **at least 70% on the post-test**. You will have a **total of 3 attempts** on the post-test to be eligible to receive a certificate.

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The course is free. Just register for an account on OpenWHO and take the course!

Enroll me now

Learners enrolled:

16644

Certificate Requirements

- Gain a **record of achievement** by earning at least **70%** of the maximum number of points from all graded assignments.

About OpenWHO

OpenWHO aims to equip all frontline responders with the knowledge they need to better contain disease outbreaks and manage health emergencies. It also aims to foster discussions, feedback and sharing of expert knowledge on public health.

