

# Guidelines on sterilization and high-level disinfection methods effective against human immunodeficiency virus (HIV).

## World Health Organization - High

Description: -

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Sterilization -- methods.  
HIV.

Acquired Immunodeficiency Syndrome -- prevention & control.

Sterilization.

AIDS (Disease) -- Prevention. Guidelines on sterilization and high-level disinfection methods effective against human immunodeficiency virus (HIV).

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Gifford lectures

Methuens modern plays

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WHO AIDS series -- 2. Guidelines on sterilization and high-level disinfection methods effective against human immunodeficiency virus (HIV).

Notes: Bibliography: p. 11.

This edition was published in 1988

SUBTYPE OF MEDICAL WASTE	HIV		HBV		HCV
	Autoclave/Steam	Chemical/Disinfectant	Autoclave/Steam	Chemical/Disinfectant	Autoclave/Steam
Microbiology (e.g., culture and other infectious agents)	Yes	Yes	Yes	Yes	Yes
Biomedical specimens	Yes	Yes	Yes	Yes	Yes
Pathology (e.g., tissue, organs)	Yes	Yes	Yes	Yes	Yes
Sharp (e.g., needles)	Yes	Yes	Yes	Yes	Yes
Contaminated sharps	Yes	Yes	Yes	Yes	Yes
Contaminated instruments, body parts, and tubing	Yes	Yes	Yes	Yes	Yes
Contaminated laboratory waste	Yes	Yes	Yes	Yes	Yes
Sharps and body parts	Yes	Yes	Yes	Yes	Yes
Sharps and body parts	Yes	Yes	Yes	Yes	Yes
Sharps and body parts	Yes	Yes	Yes	Yes	Yes
Contaminated equipment	Yes	Yes	Yes	Yes	Yes



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Tags: #Guidelines #on #Sterilization #and #Disinfection #Methods #Effective #Against #Human #Immunodeficiency #Virus #(HIV): #World #Health #Organization: #9789241212021: #sdk.mavlink.io: #Books

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Technologies to allow this change to occur are being developed and FDA cleared and should be used when acceptable in terms of sterilization performance, scope performance for disposable scopes, cost, throughput and compatibility of materials eg. adhesives to sterilization technology. Damage to tonometer prisms can be caused by sodium hypochlorite, 70% isopropyl alcohol, 3% hydrogen peroxide, ethyl alcohol, water immersion, ultraviolet light, and heat exposure. After rinsing, items should be dried and stored eg. packaged or hung in a manner that protects them from damage or contamination.

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The three categories Spaulding described were critical, semicritical, and noncritical. Do not use processed items if the mechanical e. These include practices for which insufficient evidence or no consensus exists regarding efficacy.

## Disinfection & Sterilization Guidelines

For each sterilization cycle, record the type of sterilizer and cycle used; the load identification number; the load contents; the exposure parameters e. High level disinfection can be achieved by boiling for 20 minutes.

## High

After disinfection, the tonometer should be thoroughly rinsed in tap water and air-dried before use. Although the scheme remains valid, there are some examples of disinfection studies with viruses, mycobacteria, protozoa, and prions as well as disinfectants that challenge the current definitions and expectations of high- and low-level disinfection. In hospitals, perform most cleaning, disinfection, and sterilization of patient-care devices in a

central processing department in order to more easily control quality.

### **Disinfection & Sterilization Guidelines**

Discard enzymatic cleaners or detergents after each use because they are not microbicidal and, therefore, will not retard microbial growth.

### **Guidelines on Sterilization and Disinfection Methods Effective Against Human Immunodeficiency Virus (HIV): World Health Organization: 9789241212021: sdk.mavlink.io: Books**

Since semicritical equipment has been associated with reprocessing errors that result in patient lookback and patient notifications, it is essential that control measures be instituted to prevent patient exposures. Based on the infection data and risks, the transition to sterilization of duodenoscopes was recommended by an FDA Panel in May 2015.

### **Disinfection of Tonometers: A Report by the American Academy of Ophthalmology**

Semicritical items should be rinsed with sterile water after HLD to prevent their contamination with organisms that may be present in tap water, such as nontuberculous mycobacteria NTM, Legionella, or Gram-negative bacilli such as Pseudomonas. Patient safety issues such as the wrong contact time, temperature, or concentration of high-level disinfectant require immediate correction and follow-up.

## Related Books

- [Diakonie im Horizont des Reiches Gottes - Schritte zum Diakonentum aller Gläubigen](#)
- [Lucrezio in Toscana](#)
- [Development of magnetic B-ray spectroscopy](#)
- [Therapeutic communication - developing professional skills](#)
- [Danube](#)