



# Cleaning and Sterilisation of the Flutter Device

Procedure Number

CHC-IC-0053

Version Nos:

2

## 1. Purpose

This Procedure is performed as a means of cleaning, sterilisation and reprocessing of the FLUTTER (Mucous clearance device).

## 2. Application

This Procedure is to be followed by West Coast District Health Board (WCDHB) physiotherapy staff for the initial cleaning, and WCDHB CSD staff for the decontamination and sterilisation process.

## 3. Definitions

For the purposes of this Procedure:

**Cleaning** is defined as: the removal of soil and a reduction in the number of micro-organisms from a surface, by a process such as washing with detergent solution without prior processing.

**Sterilisation** is defined as: Validated process used to render a product free of all forms of viable micro-organisms.

**Reprocessing** is defined as: All steps necessary to make a contaminated reusable medical device ready for its intended use. The steps include cleaning, functional testing, packaging, labelling, disinfection or sterilization.

**Soil** is defined as: Visible dirt or debris which may protect, harbour or assist the growth of micro-organisms. Includes organic matter, organic substances, residual soil, inorganic matter, and blood and body substances. (AS/NZS 4187:2003)

## 4. Responsibilities

For the purposes of this Procedure;

**Clinical Nurse Specialist –Infection Control** is required to:

- Oversee all aspects of this Procedure

**Staff Members** are required to:

- Ensure they abide by the requirements of this Procedure;

## 5. Resources Required

This Procedure requires:

- Flutter device
- Valid records for the use of this device: Maximum use, 50 autoclave sterilization processes
- Detergent and water for initial cleaning
- Rigid proof container to transport to/ from CSD

## 6. Process

- 1.00 Once device has been used and before transporting to CSD the Flutter Mucous Clearance Device should be completely disassembled and thoroughly washed in detergent and water. This will assist in removing residues of phlegm and mucous from the device before sterilisation.



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- 1.01 The Flutter Device can be sterilised in the autoclave with steamed water at 121degrees Celsius (249.8 degrees Fahrenheit) for 15 minutes (standard conditions) or at 134degrees Celsius (273.2 degrees Fahrenheit) at 3 bar for 5 minutes.
- 1.02 The Flutter device is made of hostaform. Fifty autoclave sterilisation processes at the above conditions have resulted in only slight alteration of the surface of the material. This alteration could occur before 50 processes, should the device be sterilised at 134 degrees Celsius for 15 minutes instead of the recommended 5 minutes. These alterations in no way diminish the reproducibility of the Flutter devices performance.

## 7. Precautions And Considerations

- ➔ The Flutter mucous cleaning device should not be sterilised with ethylene oxide or hot air.
- ➔ The Flutter should not be cleaned with acids, chlorine solutions and other oxidants agents.
- ➔ Cold sterilization is not recommended since spores and fungi are not killed by these disinfectants.
- ➔ Axcan Scandipharm does not recommend multiple patient use of the Flutter device. Use once on a patient and send for cleaning and sterilization.

## 8. References

AS/NZS 4187:2003 Cleaning, disinfecting and sterilizing of reusable medical and surgical instruments and equipment, and maintenance of associated environments in health care facilities.

Thurman, R. Axcan Scandipharm Inc Air Liquide Healthcare

## 9. Related Documents

WCDHB Infection Control Manual

<b>Revision History</b>	<b>Version:</b>	2
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