Place facility logo/header here

Procedure: Steam Sterilization

Date:

Revised Date:

Purpose: Sterilization is the elimination of all disease-producing microorganisms, including spores. Sterilization is used on critical medical equipment/devices and, whenever possible, semicritical medical equipment/devices.

Name of Equipment/Instrument:
_____
Personal Protective Equipment Required: Gloves Gown Face Shield/Mask Safety glasses/goggles

Disassembly instructions, if applicable: (Include pictures or diagrams for complex or unusual equipment.)
_____
_____
_____
_____
_____
_____
_____
_____

After each use:

1. Prepare_____(detergent/enzymatic) solution by adding ____ml to ___ml water. *(Follow instructions on label for correct concentration.)*

2. If not being cleaning immediately, immerse instrument into freshly prepared solution of _____ (indicate name of detergent/enzymatic product used) for_____ minutes to prevent drying of soil. (Follow detergent/enzymatic manufacturer's instructions for soak time.)

3. All hinged instruments/devices must be cleaned, wrapped and sterilized in the open position. Follow the manufacturer's instructions if disassembly is required for sterilization .

4. Clean with detergent/enzymatic solution (manual or automated cleaning). Requires use of _____. (Appropriate tools e.g. Brush, Cloth, Ultrasonic)

5. Rinse with tap water to remove detergent/enzymatic and soil residue. Ensure rinsing is done under the surface of the water using agitation. Rinse water should be changed frequently and before any soap suds appear.

6. Allow to air dry or dry with lint free cloth.

7. Inspect device for damage and cleanliness. Remove damaged (rusted, cracked, pitted) equipment from service. Devices that are soiled must be re-cleaned

8. Wrap in _____ (*indicate type of wrapping material:? peel pouch*) Peel packages must not be over-stuffed and should be loaded on edge with paper side to the plastic side of the next pack.

9. If not part of the wrap, apply internal and external chemical indicators.

10. Label with date of sterilization and load number.

11. Place in sterilizer.

12. Load the sterilizer to ensure that steam is able to circulate freely around each package and allow steam to enter and exit from each package. Packages **should never** contact the chamber wall of the sterilizer.

13. Select _____ cycle (appropriate cycle e.g., wrapped, porous, nonporous).

14. Check printout/display to ensure all cycle parameters have been met and sign on print out or enter in log book. Records must be retained _____ (*as per the appropriate regulatory college*)

15. Remove when cycle is finished and packs are completely dry.

16. Storage location: _____.

References:

1. Ontario Agency for Health Protection and Promotion (Public Health Ontario), Provincial Infectious Diseases Advisory Committee. Infection Prevention and Control for Clinical Office Practice. 1st Revision. Toronto, ON: Queen's Printer for Ontario; April 2015. https://www.publichealthontario.ca/en/eRepository/IPAC_Clinical_Office_Practice_2013.pdf

2. Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Diseases Advisory Committee. Best practices for cleaning, disinfection and sterilization of medical equipment/devices.3rded.Toronto,ON:Queen's Printer for Ontario; May 2013 https://www.publichealthontario.ca/en/eRepository/PIDAC_Cleaning_Disinfection_and_Sterilization_2013.pdf

3. *(name of sterilizer manufacturer)* instructions for reprocessing