



**STANDARD OPERATING PROCEDURE**

**Department:** Quality Assurance

**SOP No.:**

**Title:** SOP for Sterilization and Decontamination of garment used in Microbiology Lab.

**Effective Date:**

**Supersedes:** Nil

**Review Date:**

**Issue Date:**

**Page No.:**

**1.0 Objective:**

To lay down a procedure for Sterilization and Decontamination of Garments.

**2.0 Scope:**

This Standard Operating Procedure is applicable for Quality Control department, Oncology block.

**3.0 Responsibility:**

Executive /Sr. Executive-QC : Shall be responsible to follow the standard operating procedure for sterilization and decontamination of Garments.

Head - QC/Designee : Shall be responsible for the compliance of this SOP.

**4.0 Abbreviations and Definitions:**

SOP : Standard Operating Procedure

QC : Quality Control

SS : Stainless Steel

°C : Degree Centigrade

Psi : Pounds per Square Inch

No. : Number

**5.0 Procedure**

5.1 Check the garments properly for the cleanliness before receiving from the laundry.

5.2 After ensuring that the garments are washed properly fold and covered.

5.3 Put the covered garments in autoclavable poly bag.

5.4 Transfer the polythene bag in to steam sterilizer.

5.5 Employ the sterilization cycle at 121°C and 15 Psi for validated time period as per Sop “Standard operating and cleaning procedure for Steam Heat Sterilizer”

5.6 Enter into the aseptic area as per SOP “Entry and exit in Aseptic area of Microbiology Laboratory”



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- 5.7 After completion of sterilization cycle, unload the autoclave from Aseptic area and transfer to SS cabinet for garments in change room.
- 5.7 Now sterile garments are ready for use in aseptic area.
- 5.8 Sterilize the garments after receiving from the laundry, prior to use in Microbiology analysis room.
- 5.9 After completion of work collect the garments from change room and decontaminate the garments through validated cycle of vertical autoclave as per SOP “Standard operation and cleaning procedure of Autoclave” prior to send for washing in laundry.

**6.0 Forms and Records:**

Nil

**7.0 References:**

- 7.1 SOP “Entry and exit in Aseptic area of Microbiology Laboratory”
- 7.2 SOP “Standard operating and cleaning procedure for Steam sterilizer”
- 7.3 SOP “Standard operation and cleaning procedure of Autoclave”

**8.0 Distribution**

- 8.1 Master Copy : Documentation Cell (Quality Assurance)
- 8.2 Controlled Copies : Quality Control, Quality Assurance

**9.0 History**

Date	Revision Number	Reason for Revision