



Standard Operating Procedure (SOP)

Cleaning & Decontamination	Title:	SOP No. SAIL-PET-SOP-06
		Version No. 02
		Effective Date: July 28, 2017
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Approvals

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Distribution

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1. Purpose

This SOP describes the sanitary measures for cleaning and maintaining the SPECT/CT and PET/CT scanner and lab space.

2. Scope

Applicable to all studies involving the SPECT/CT and/or PET/CT scanners.

3. Responsibility

- 3.1 The SPECT/CT/PET technician, under the supervision of the SAIL Manager, is responsible for maintaining sanitary conditions within the SPECT/CT/PET facility.
- 3.2 The SPECT/CT/PET technician, under the supervision of the SAIL Manager, is responsible for removing all items brought into the area upon completion of work and cleaning the area. Arrangements for the removal of biohazardous and radioactive equipment and/or waste must be arranged with the SPECT/CT/PET technician at the time of booking the instrument.
- 3.3 The SPECT/CT/PET technician, under supervision of the SAIL Manager, is responsible for conducting wipe tests and decontamination of the area and equipment if radioisotopes are used. A copy of the results must be supplied to the SAIL Manager.

4. Materials

- Approved disinfectant wipes and solution
- Paper towels
- Sharps container
- Disposable bench liner
- Biohazard bags*
- Personal protective Equipment (PPE)

* ***May not be required***

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5. Procedures

- 5.1 Wearing gloves, wipe down all surfaces with approved disinfectant wipes or approved disinfectant solution in paper towels at the end of the day when the SPECT/CT and/or PET/CT rooms empty the garbage.
- 5.2 If the work performed within the room was of a biohazardous nature, all garbage must be contained within a biohazard bag.
- 5.3 Materials that may be contaminated with radioactivity are to be disposed in the radioactive waste container.
- 5.4 If sharps and/or needles were used, ensure that these are disposed of in one of the available sharps containers.
- 5.6 Sweep and mop the floor with the aluminum Swiffer mop, if necessary.
- 5.7 Replenish supplies as required.
- 5.8 Depending on the radioligand used, do the appropriate wipe tests to ensure there is no radioactivity contamination as per SAIL-PET-SOP-10.

6. References

SAIL-PET-SOP-10: Wipe tests

OP-08.00 Procedure Room Maintenance

7. Appendices

None

