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Inspiring Innovation and Discovery

STANDARD OPERATING PROCEDURE

DONNING AND DOFFING OF PERSONNEL PROTECTIVE EQUIPMENT (PPE)

This Standard Operating Procedure (SOP) describes the procedures for donning and doffing of Personnel Protective Equipment (PPE).

This SOP applies to all technicians, students, visitors, and volunteers.

This SOP contains the following:

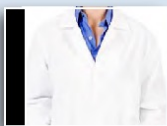
- 1.0 Good Microbiological Practices: Biosafety in the Laboratory

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 - 1.1 Please refer to the attached poster for correct donning and doffing of Personal Protective Equipment.

GOOD MICROBIOLOGICAL PRACTICES

Biosafety in the Laboratory

Personal Protection



LAB COAT

- Lab coats must be worn and fastened until all experiments have been completed.
- Laboratory clothing must not be worn outside the laboratory.



GLOVES

- Gloves must be worn when handling infectious material.
- Gloves must be removed and properly disposed of before leaving the laboratory.



EYE AND FACE PROTECTION

- Eye protection must be worn when there is a potential risk of splashes or flying objects.



FOOTWEAR

- Suitable footwear with closed toes and heels must be worn in the laboratory.

Hygienic Practices



- Wearing jewellery is not recommended in the laboratory.



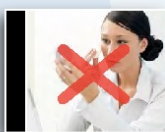
- Cover any open wounds, cuts, or scratches with water-proof dressings.



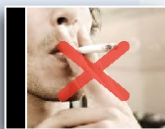
- Tie back long hair.

Laboratory Working Area

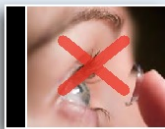
THERE ARE A NUMBER OF ACTIONS THAT ARE NEVER PERMITTED IN THE LABORATORY



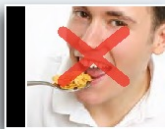
- Never apply cosmetics.



- Never smoke.



- Never remove or insert contact lenses within the lab area.

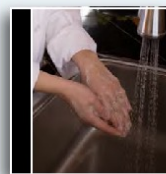


- Never eat.
- Never store food or drinks, personal belongings, or utensils.



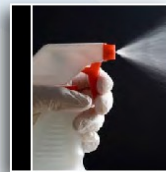
- Never drink.
- Never use mouth pipette any substance.

Hand Washing



- Hand washing is the most important practice.
- Hands must be washed after the removal of gloves.
- Hand washing should last as long as it takes to sing the happy birthday song to yourself – twice!

Cleanup and Disposal Procedures



- Work surfaces must be cleaned thoroughly with a suitable disinfectant at the end of every experiment as well as after any spill.



- Most glassware, instruments and laboratory clothing can be reused or recycled after appropriate decontamination.



- Equipment should be decontaminated when work is completed.
- Broken glass must be disposed in a puncture-resistant sharps container.

Emergency Procedures

- Report any lab incident immediately to the laboratory supervisor



Public Health
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Agence de la santé
publique du Canada

www.publichealth.gc.ca/pathogens/

Canada