



## OPERATIONAL EXPECTATION

### Title

Infection Control Practices for Simulation

### Accountable Leader

eSIM Medical Director



*NOTE: The first appearance of terms in bold (except titles) are defined terms – see Definitions section.*

### Objectives

To address the general usage for all eSIM spaces and equipment in the management of risk pertaining to infectious disease on an ongoing basis or during illness outbreak. It is essential that anyone entering the eSIM space follow these expectations.

### Applicability

This document applies to all staff and users of the eSIM space and is to be used in addition to current and applicable AHS policy, procedure or recommendation.

### Elements

#### 1. General

- a. Manikins, task trainers and equipment will be cleaned in order to prevent any transmission of pathogens. Simulation training remains a very hands on skill based learning environment
- b. Hand hygiene will occur prior to engaging in the simulation, following your session and after the consumption of food. Handwashing may be with soap and water, or use of an alcohol based hand sanitizer.
- c. Gloves and Personal Protective Equipment (PPE) – should be worn where required as per clinical practice during a simulation
- d. Donning of appropriate PPE, restriction of numbers of participants per eSIM space and physical distancing practices may be required and should be followed by all participants and facilitators according to most current AHS recommendations.
- e. Participant Health
  - a. Individuals exhibiting symptoms typical of flu, cold or been in close contact with someone who has been exposed to an infectious disease must follow AHS recommendations of not being in the workplace.
  - b. Participants will exhibit good respiratory hygiene practices (i.e. access to hand washing facilities, disposal of tissues and the use of alcohol rubs)
  - c. Participants should not actively participate in training sessions if they have dermatologic lesions on the hands or the participant has reason to believe that he or she has been exposed to or is in the active stage of any infectious process.

#### 2. Manikin and Task Trainer Care Infection Prevention Control

- a. Manufacturer's recommendations and provision for sanitary practices should be followed in care and maintenance of manikins and task trainers.

- b. Do not perform mouth to mouth rescue breathing on the manikin, as the airway is not designed for cleaning or disinfection.
- c. Once the simulation session is complete, remove all items from the manikin (tape, ECG pads, trach ties, etc.) Appropriate solutions will be provided for your use to remove adhesive residue from the manikin. See Appendix A, manuals or eSIM Consultant for specific cleaning instructions.
- d. Manikins should be inspected routinely for signs of physical deterioration, such as cracks or tears in plastic surfaces, which prevent thorough cleaning. Please notify eSIM staff of any findings that require further inspection.
- e. Manikin's clothes should not be used. Patient gowns that can be changed as needed are recommended.
- f. At the end of sessions, manikins will be returned to the designated area as outlined for each space. Manikins will be reconnected to charging outlets to ensure full charge of batteries.
- g. Signage provided by eSIM noting that the manikin has been appropriately sanitized will be placed on manikin by the end user to signal proper risk reduction had been completed.

### **3. eSIM Space**

- a. All eSIM spaces are non-patient care areas and considered clean if hand hygiene is adhered to as per section 1.b. of this document.
- b. All High Touch surfaces should be wiped down after session is complete in each of the used spaces including labs, classrooms, debrief rooms. All other equipment and touched areas should be wiped only if used. Refer to Appendix A for cleaning checklist and high touch surfaces.
- c. All linens are to be changed when visibly soiled.

### **4. Consumables and Supplies**

- a. eSIM is responsible to supply materials to support space function (i.e., IP&C supplies and cleaning materials.) A monthly quota of IV 'dump' bags will be supplied by the eSIM space, however, if users remove from the space, they will need to provide their own when quota supply runs out.
- b. Any equipment and material required to run scenarios are the responsibility of the end user.
- c. Any supplies kept in the lab by end users should be kept in specific storage areas and/or bins and maintained by the end user.
- d. All surfaces of re-usable supplies will be wiped down after use and put away

### **5. Food and Drinks**

- a. No catering or sharing of food and drinks in any eSIM space.
- b. No food or drinks in the labs or control room areas.
- c. Beverages brought into any eSIM space should be in disposable cups and remain in classroom and debriefing spaces only. Personal reusable beverage containers may be used if cleaned with an alcohol or bleach based solution (refer to Appendix A) on arrival to the eSIM space.
- d. Maintain physical distance recommendations of 6 feet in classroom during break times.
- e. Remove all garbage, food and containers immediately after eating and wipe down table surfaces

## **DEFINITIONS**

**Consumables** means any clinical or non-clinical supplies required to simulate the

environment and situation presented in a scenario; includes but is not limited to IV bags and fluids, suction, respiratory, intubation supplies and tubing, medications and devices related to medication administration.

**eSIM space(s)** means any eSIM operated area used for simulation sessions including prebrief/debrief rooms, labs, classrooms. eSIM spaces do not include in situ areas.

## **REFERENCES**

**Appendix A:** Post Simulation Cleaning/Sanitization Checklist & High Touch Surfaces

**Alberta Health Services Governance Documents, Forms and Resources:**

Hand Hygiene Policy PS-02

Key Points for Ready-to-Use Disinfectant Wipes

## Appendix A: Post Simulation Cleaning/Sanitization Checklist & High Touch Surfaces

**Cleaning Solutions for use in eSIM space** (supply dependent on site availability and stock)

- **Electronic devices** (non-bleach, alcohol based)  
KimTech wipes (purple packet); Accel PREvention™
- **All other surfaces including manikins** (bleach, non-bleach, alcohol or peroxide based)  
Accel INTERvention™, Accel PREvention™, Caviwipes™.  
Solvo-Plast® Adhesive Remover, followed by soap and water rinse for sticky residue

*Ensure to wipe all **high touch surfaces** and **manikins** post session in the areas you used, and include any other surfaces that were used during your session.*

**High Touch Surfaces** means those surfaces which come in frequent contact with hands of participants during any part of a simulation session. *These may include but are not limited to:*

- Door knobs and handles
- Light switches
- Handrails
- Bed/stretchers rails
- Top surface of bedside tables and carts
- Tabletops
- Chair armrests

### **Manikins and Task Trainers**

- All surfaces
- Remove all items and residue from Manikin (tape, ECG pads, trach ties, etc)
- Throw away any disposable, non-reusable parts

### **Equipment and supplies**

- Replace any linens if soiled
- Re-useable supplies (oxygen, suction supplies, stethoscopes, BP cuffs, probes)

### **Electronics (including control room)**

- Computer and WOW keyboards, mice, top of carts
- Smartboard surface, pens and eraser
- Phone hand piece, cradle and keypad

### **Surfaces (in all rooms)**

- Headwall devices (Flowmeters, Suction, Nurse call etc.)
- Crash Cart top, CPR board and drawer fronts
- Defibrillator surface and cables
- Carts (Airway, Medication etc.) touchable surfaces, handles, drawers
- Tables and countertop surfaces, chairs and stools
- CPR stool handle (if applicable), grabbable sides
- Sink handles (if applicable)