

ST. PATRICK'S CENTRE KELLS ROAD KILKENNY

POLICY TITLE:	nfection Control Poli	cy
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Mission Statement

To enable people to live a good life, in their own home, with supports and opportunities to become active, valued and inclusive members of their local communities.

To enable a supported self-directed living (SSDL) model of provision which is underpinned by our beliefs, values and vision.

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1. INTRODUCTION

- **1.1.** It is the policy of St. Patrick's Centre (Kilkenny) to minimise the possibility of transmission of infection to the people we support and the staff. A range of policies and guidelines have been developed to inform practice and ensure the risk of infection is minimised for all.
- **1.2.** Persons using SPC will include people who are elderly, have chronic illnesses, are receiving treatment that hinders their ability to fight infection or may have recently been discharged from a variety of acute healthcare setting to community facilities.
- **1.3.** All of these people may be susceptible to infection at various stages in their life. Within SPC people will be supported within a variety of locations such as day service facilities, community homes or within the family home and the expectation is that the services will be provided in a nonclinical environment.
- **1.4.** However, this needs to be balanced with the requirement to maintain an environment where support and care can be delivered in a safe manner, which is capable of being adequately cleaned and maintained in order to reduce the risk of infection for persons living, attending, working or visiting the service.
- **1.5.** The purpose of this policy is to provide staff working in SPC with guidance on infection prevention and control measures to reduce the risk of infection to both supported people and staff.

2. **DEFINITION OF INFECTION CONTROL**

- **2.1.** Infection Control refers to keeping both the people we support and staff in health care settings protected from infectious diseases.
- **2.2.** Healthcare-associated infections (HCAIs) are infections that a person may develop as a direct result of receiving healthcare in any setting. While the specific risks of acquiring infection may differ across settings, the basic principles of infection prevention and control apply regardless of the setting.

3. PURPOSE

3.1. The aim of this document is to assist staff in taking all reasonable steps to protect supported people and themselves from infection. Infection Prevention and Control is everybody's responsibility and all staff must be able to apply the basic principles and understand the modes of transmission of infectious organisms.

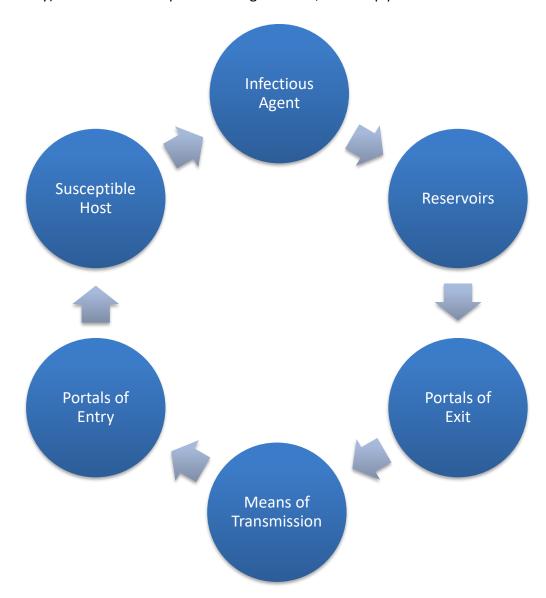
4. **RESPONSIBILITIES**

4.1. All staff have an important role to play in the prevention and control of infection. It is the responsibility of all staff working in St. Patrick's Centre (Kilkenny) to be diligent in good infection control practice. This aims to reduce the risk for all staff and the people we support of acquiring infections as well as reducing the incidences of cross infections.

5. THE CHAIN OF INFECTION

- **5.1.** Knowledge of the potential sources of micro-organisms, and an understanding of how they spread, enables St. Patrick's Centre (Kilkenny) to take appropriate measures to prevent transmission of infection. The process by which infection is spread can be thought of as a continuous chain (figure 1.1). In order for infection to be spread, all of links in the chain must remain intact. Infection control measures, therefore, aim to interrupt or break this chain in order to prevent the spread of infection.
- **5.2.** The chain of infection consists of six links (See Figure 1.1), which include:
 - The infectious agent: The virus, bacteria, fungus or protozoa.
 - Reservoirs: The source of the infection, i.e. an infected person, contaminated food, water or equipment.
 - Portals of exit: The secretions and excretions discharge from the body that carry the
 micro-organisms into the environment, e.g. blood, faeces, respiratory droplets, and skin
 scales.
 - Means of transmission: How the micro-organisms reach other individuals, e.g. droplets in the air from a sneeze, by direct contact, injection or by ingesting something which has been contaminated by dirty hands.
 - Portals of entry: The micro-organisms enter the person through the respiratory,
 gastrointestinal and urinary tracts of the body.
 - Susceptible Host: Factors such as age, previous exposure, immune status, and nutrition
 will influence whether or not the micro-organism, which has entered the body, results in
 disease. People with diabetes or other underlying conditions are more susceptible.
- **5.3.** Within St. Patrick's Centre (Kilkenny), all of the people we support are considered to be susceptible due to the numbers of people in shared areas. Staff may also be susceptible hosts

and therefore have the responsibility to enforce and adhere to all of St. Patrick's Centre (Kilkenny) infection control policies and guidelines, and keep potential risks to a minimum.



6. STANDARD PRECAUTIONS

- **6.1.** Are designed to reduce the risk of bloodborne and other pathogens from recognised and unrecognised sources.
- **6.2.** Apply to all person supported care regardless of their diagnosis or presumed infectious status.
- **6.3.** Standard precautions include;
 - Hand hygiene
 - Respiratory hygiene and cough etiquette
 - Personal protective equipment (PPE)

- General home hygiene
- Requirements for kitchen/food hygiene
- General office/ desk cleaning and communal work areas
- Vehicle cleaning
- Waste management
- Laundry management
- Care of supported persons care equipment/ instruments/devices
- Management of exposure to blood or body fluids
- Management of needle stick/ sharps
- Staff health, hygiene and immunisation

7. HAND HYGIENE

7.1. Do's

- Restrict jewellery to one flat/wedding ring.
- Keep nails short, clean and free of nail varnish and artificial nails.
- Care for your hands by moisturising regularly to protect your skin.
- Use warm water and pat hands dry rather than rubbing them to minimize chapping
- Cover any cuts or abrasions with a plaster/band-aid and change as necessary.

7.2. Don'ts

- Do not use nail brushes as germs multiply on wet nail brushes
- If you have skin conditions on your hands, i.e. weeping dermatitis, seek medical/occupational health advice. Please ensure the affected area is covered appropriately.
- **7.3.** Hand hygiene is the single most important means of preventing infection. Hand hygiene removes or destroys any micro-organisms picked up on the hands. Many infections acquired in a community healthcare setting are as a result of staff not washing their hands. All staff should complete the Hand Hygiene for HSE Non-Clinical Staff (Programme at HSELanD)

7.4. When to wash hands?

- Hands should be washed:
- Before starting work
- Before personal care/intimate care activities with each supported person
- Before handling any medical devices e.g urinary catheters and before wound care
- Before eating, drinking, or assisting a person with food
- After handling contaminated items such as dressings, used incontinence wear etc
- After removing protective clothing e.g. gloves
- After using the toilet, nose blowing, covering a sneeze, or assisting a client with these activities
- After cleaning duties, handling waste and waste bins
- After personal care/intimate care activities with each supported person
- Before and after handling raw food, handling cooked or ready to eat food
- After finishing work and
- Whenever hands become visibly soiled

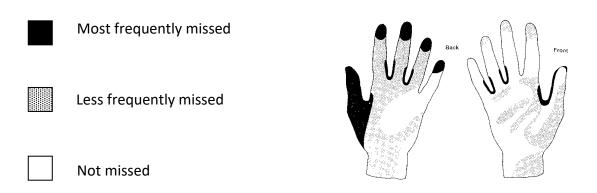
7.5. Hand washing Technique:

The following technique is recommended and need only take 20 seconds.



Back of	Rotational	Rotational rubbing
fingers to	rubbing of	backwards and
opposing	right thumb	forwards with
palms with	clasped over	fingers of right
fingers	left palm, and	hand in palm of
interlaced	vice versa	left, and vice versa

- Thorough rinsing under running water is an important part of the procedure. Finally, dry the hands thoroughly using one paper towel for each hand this also helps to prevent soreness.
- It is important to pay particular attention to the following areas, which have been shown to be the most commonly missed areas following hand washing.



7.6. Alcohol hand rub

Alcohol Hand Rubs Where heath care is delivered hand hygiene using an alcohol hand rub is the preferred method. An alcohol hand rub also offers a practical and highly acceptable method of hand hygiene when hands are visibly clean or hand washing facilities are limited

Do's

- Only use alcohol hand rub, if hands are visibly clean.
- Apply an adequate volume to completely wet the hands.
- Using the six-step technique rub hands covering all surfaces once then continue rubbing hands until dry minimum 20-30 seconds.
- Always allow time for hands to dry completely before carrying out another task.

 Assess the environment for appropriate and safe placement of alcohol hand rub taking into consideration the needs of people supported and the need to maintain a safe environment e.g. wall mounted or individual toggles worn by staff.

Don'ts

- Do not use an alcohol hand rub if hands are physically dirty
- Do not use alcohol hand rub alone after caring for a person with diarrhoea
- Do not place alcohol hand rub dispensers adjacent to electrical fittings or direct heat e.g.
 heaters
- Do not store alcohol hand rub near sources of high temperatures and flames alcohol is flammable (flash point 21° - 24°C

7.7. Hand Drying

- Good quality paper towels are required where healthcare care activities are carried out.
- Cloth towels for hand drying are not advisable in a care setting as when wet they can be a source of cross infection.
- Cloth towels for personal hygiene should be individual use and should be laundered and dried between uses by different persons.

7.8. Hand Hygiene for People supported:

Hand washing should be carried out by everyone after they have used the toilet, after having
incontinence wear changed, and before meals. Assistance should be provided for those who
are unable to clean their hands independently.

8. RESPIRATORY HYGIENE AND COUGH ETIQUETTE

- **8.1.** Respiratory infections such as flu can be spread through respiratory secretions when people cough and sneeze. The following good hygiene practices It should be performed everyone;
 - Cover nose/mouth when coughing or sneezing and turn away from others.

- Use disposable one-use tissues when coughing or sneezing. Ensure there is an adequate supply of tissues available for people supported to use.
- Dispose of tissue in the nearest bin after use.
- Carry out hand hygiene regularly and after hands are soiled with respiratory secretions.
- Keep hands away from the mucous membranes of the eyes and nose.
- Encourage and instruct people supported to perform respiratory hygiene and cough etiquette.
- Educating visitors and families with regard to covering their mouth and nose, and turning their heads when coughing and sneezing.

9. PERSONAL PROTECTIVE EQUIPMENT (PPE)

- **9.1.** Protective clothing (gloves, aprons, masks/goggles) should be worn when in contact:
 - With blood, body fluids, secretions and excretions (with the exception of sweat)
 - Wounds or non-intact skin
 - Mucus membranes (inner surfaces of the mouth)
- **9.2.** The type of protective clothing required will depend
 - On the amount of contact anticipated and
 - the task involved.
- 9.3. Protective clothing can create a false sense of security and even increase the risk of cross infection if used incorrectly e.g. failure to clean hands following removal of gloves.
- **9.4.** Disposable gloves and aprons must be worn if contact with body or blood fluids is anticipated. These should be discarded as soon as the task for which they are worn is completed. Gloves may be ineffective if worn for too long or can become a source of cross contamination. Following the removal of gloves, hands must be washed. Any wounds or broken skin should be covered with a waterproof dressing. All staff should use non-powdered vinyl gloves for general care duties or food preparation. 'Marigold' household gloves should be used for household cleaning. Non-

powdered latex examination gloves are only recommended for staff involved in minor surgical or other aseptic procedures with potential exposure to blood or blood stained body fluids. This is due to the increase in incidences of latex allergies.

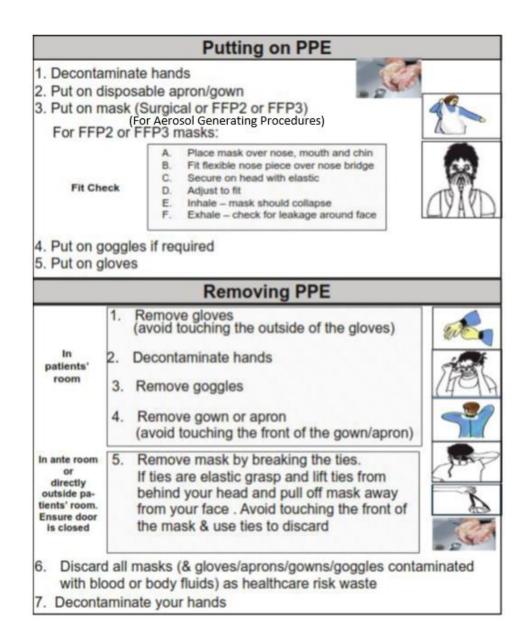
9.5. Additional PPE will be required for confirmed outbreaks of Viral respiratory illnesses such as influenza and COVID-19, i.e. a long sleeved, fluid-repellent disposable gown over clothing, face mask and Eye protection.

9.6. Putting on PPE

- Decontaminate hands
- Put on disposable gown and secure with ties
- Put on surgical mask, secure ties/straps to middle back of head and neck. Fit flexible band to
 bridge of nose. Fit snug to face and below chin. SPC support staff with facial hair including
 beards and moustaches are to ensure the facemask is sealed against their face and the
 effectiveness of the face mask is not compromised.
- Put on Eye Protection and adjust to fit
- Put on gloves pull glove wrist over the gown cuff

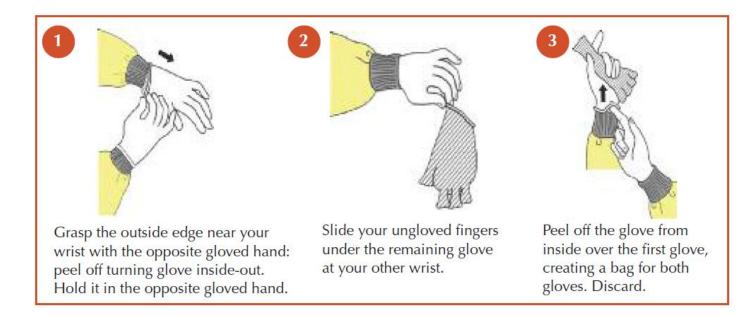
9.7. Removing PPE

In patients' room	 Avoid contact between gloved hands and external surface of the health care risk waste. Remove gloves (avoid touching outside of gloves and dispose in healthcare risk waste). Decontaminate hands. Remove eye protection from behind and dispose in healthcare risk waste. Remove gown (avoid touching the front of the apron/gown) and dispose in healthcare risk waste.
Directly outside patients' room. Ensure door is closed	 Grasp and lift mask ties from behind your head and remove mask away from your face. Avoid touching the front of the mask and use ties to discard in healthcare risk waste bin. Decontaminate hands.



9.8. Gloves reduce the risk of contamination but do not eliminate it; therefore gloves are not a substitute for hand hygiene.

Remember: The outside of your gloves is contaminated, so remove carefully



10.GENERAL HOME HYGIENE

10.1. In applying hygiene practices the purpose is to reduce the number of germs to a level that is not harmful to health. It would be impossible to eliminate some sources e.g. people and pets! Therefore, the emphasis must be placed on preventing transfer of germs by handwashing and good surface hygiene. The home can become contaminated with dust, dirt and accumulate rubbish with potentially infectious germs. If the environment is not cleaned regularly there is a build-up of dirt, which supports the growth of germs. Therefore, cleaning is essential in the prevention of infection and the 'clean as you go' principle should be applied.

10.2. What does cleaning do?

 Cleaning is the physical removal of dirt, dust and grime but does not necessarily destroy germs.

10.3. How to clean?

• The effectiveness of cleaning not only depends on the product used but also in the way it is applied i.e. on the mechanical action of wiping or scrubbing and using the correct concentration. Cleaning is best achieved by washing with warm water and detergent. A detergent will dissolve grease and remove dirt. Clean cloths, clean mops etc. will be required. Cleaning with a detergent and warm water should remove all contaminants including dust, dirt, faeces, blood, pus, urine, other body fluids and large numbers of germs.

10.4. What is disinfection?

- Disinfection is a process used to reduce the number of viable germs to a level where they are
 unlikely to be a danger to health. Disinfection can be achieved through the use of heat (steam
 or water above 82°C) or chemicals such as household bleach. Dishwashers and washing
 machines can be used to disinfect when the correct temperatures are used or when used in
 combination with chemicals.
 - Disinfection is only achieved when the chemical disinfectant is used at the correct concentration and the correct contact time is allowed. Disinfectant will not be effective on dirty surfaces – all surfaces will have to have undergone thorough cleaning prior to the application of a disinfectant.
- The routine use of disinfectants for general home hygiene is unnecessary. In certain circumstances where there is a higher risk of cross-infection, cleaning and disinfection is recommended. These situations include food preparation surfaces and areas contaminated with blood or body fluids.

10.5. How to disinfect?

- The area must first be cleaned before being disinfected. Disinfection can be achieved by using, for example
- Food grade sanitizers on food surfaces
- Milton Sterilising Fluid (2%) 50 mls (generally 2 capfuls) mixed with1 litre of cold water or
- ➤ Household bleach e.g. Domestos (4%)
 - o 25 mls (generally a capful) mixed with 1 litre of cold water.
 - o 125 mls mixed with 5 litres of cold water.

Always mix as per product guidelines.

- Any disinfectant products being used and stored in a community house will need to have a safety
 material data sheet available in the house. Generally, all chemical presses are to be locked with a
 key, however risk assessments can be carried out to justify chemicals being stored in an unlockable
 press if this is deemed to be a restrictive practice.
- After using Milton or household bleach rinse with clean water and dry the area.
- If disinfection of equipment is required, refer to manufacturer's instructions of the item.

• When handling used equipment that is soiled with blood or body fluids, Wear gloves and/or apron to avoid transferring germs to either yourself or the home environment. Always clean your hands after removing gloves or handling soiled equipment.

10.6. Use Colour Coding for Cleaning



Work from "Clean to Dirty"

10.7. Routine Cleaning Practices

- Work surfaces should be cleaned and dried when visibly soiled. 'Clean as you go'.
- Follow day and night cleaning schedules for your location and record on the checklist (<u>Health and Safety Checklists</u>)
- Cloths should be rinsed out regularly and machine washed at the end of day or after cleaning is completed. Disposable cloths or towels should be used for spills.
- When cleaning change water frequently as dirty water is ineffective for cleaning.
- Buckets should be emptied after use, washed with detergent and warm water and stored dry.
- Mops which can be machine washed in a hot wash are preferred. Alternatively mops should be cleaned in detergent and warm water, they can then be soaked in disinfectant for an appropriate time, wrung out and left to air dry.

11. REQUIREMENTS FOR KITCHEN HYGIENE

11.1. In SPC community homes the following is recommended as best practice. Further Guidance in relation to Food Hygiene should be sought from the local Environmental Health Office:

11.2. Personal Hygiene for Staff involved in food preparation

- Prior to commencing work, wash hands thoroughly with liquid soap and warm water and dry with paper towels.
- All staff involved in food preparation and service must have clean outer clothing i.e. disposable plastic apron over clothes.
- Jewellery should be limited i.e. no wrist or hand jewellery, rings flat band only.
- Hand care- keep nails cut short and smooth no nail varnish or artificial nails.
- Food workers should ensure that lesions and cuts on exposed areas of the skin are totally covered with a distinctive coloured water proof dressing.

11.3. Training

 All staff working in food preparation must have formal food safety training proportionate with their duties.

11.4. Illness

 Staff suffering from or being a carrier of a disease likely to be transmitted through food must inform their line manager

11.5. Structural Hygiene

- All surfaces e.g. walls, floors, ceiling, doors, appliances and fittings and work surfaces should be in a good state of repair.
- Walls, floors, work tops and all surface contact materials and appliances must be smooth,
 durable and easily washable.
- Exposed wood is not an acceptable material in any kitchen area.
- All splash-backs should be sealed and easily cleaned i.e tiles.
- Paper towels are recommended.

Use colour coded chopping boards to prevent cross contamination.

11.6. Storage of Food

- Kitchen fridges should not be used for storage of medication. Vaccines or specimens should not be stored in the kitchen fridge.
- All foods should be stored appropriately, within their expiry dates i.e.
 - Perishable foods stored at 5°C or less
 - Frozen foods at -18°C or less
 - Dry goods stored in a well-ventilated area
- All unwrapped/exposed food should be stored in food grade containers i.e. containers that will withstand dishwasher temperatures.
- All cooked food and raw meets should be labelled and the dated.
- Don't overpack the fridge. This can stop cool air from moving around, so your food may not be properly chilled.
- Store different foods in the correct areas of the fridge.
 - Store ready-to-eat foods such as cheese, yoghurt, cooked meats and leftovers on the middle and top shelves.
 - Put raw meat, fish and poultry in sealed containers on the bottom shelf so they don't touch each other or drip onto other foods.
- Put leftovers in the fridge within two hours. Leftover cooked rice is high-risk and must be cooled and put in the fridge within one hour.

11.7. Cleaning

- All staff should know the appropriate cleaning agents for use in a food area. (See general hygiene)
- Kitchens mops and buckets must be stored in a designated cleaning area/cupboard.
- These cleaning materials should be designated for the kitchen/food areas only. Please ensure
 the correct colour coding items are being used for the correct areas (green mob and brush for
 the kitchen)
- Always wash the kitchen worktop before you start preparing food and after you finish. Wipe up any spills as you go.

- Clean up straight away after handling raw meat, raw eggs or soil on raw vegetables.
- You are likely to touch the fridge and door handles, the oven, the microwave, the kitchen tap and the sink area when you are preparing food. Remember to clean these well too.
- Kitchen cleaning is to be carried out daily and recorded on the SPC kitchen cleaning record sheet.

11.8. Waste

- Waste should be stored in lidded bins and removed quickly from the kitchen. Do not over fill bins.
- Waste outside should be stored in tightly fitted lidded refuse bins.
- Rubbish provides an attraction for flies, rodents and other vermin so it is important that it is managed properly.

11.9. Equipment and Appliances

- SPC will provide a dishwasher that can reach a minimum of 82°C, where possible.
- Plants and flowers should be excluded from food preparation areas. Pets should be excluded from kitchen/dining areas.
- Be very careful to wash anything (Utensils, chopping boards etc.) that you've used with raw meat before using it again with cooked or ready-to-eat foods.
- Wash utensils in hot soapy water or in the dishwasher.

See the Food Safety Folder No. 36 for further information on Food Safety and the SPC Food and Nutrition Policy (<u>Qdrive</u>). See the <u>Health and Safety Checklists folder</u> on the Qdrive of all required Food Safety Checklists for your location.

12. GENERAL OFFICE/ DESK CLEANING AND COMMUNAL WORK AREAS

12.1. It is the responsibility or all staff to keep all work areas clean. Cleaning schedules relevant to your location must be adhered to (<u>Health and Safety Checklists</u>). Desks areas should be cleaned before and after use by an individual - clean down work surfaces including table tops, chair arm rests, keyboards, mouse and phone before and after use.

- **12.2.** Communal work areas such as meeting rooms and training rooms should be cleaned before and after use and all rubbish removed and disposed of correctly.
- 12.3. Please see Work Environment Guidelines for further information.

13. VEHICLE CLEANING

- **13.1.** Regular cleaning of SPC vehicles and vehicles owned by supported persons is required as a standard infection prevention and control precaution.
- **13.2.** Particular attention should be paid to frequently touched areas and surfaces of high contact, such as;
 - steering wheels
 - gear stick
 - handbrake
 - control tools i.e. indicators, horn, wipers, air conditioning, window etc.
 - door handles
 - seats, headrests, seat belt, buckle and holder
 - document/ cup holders
 - radio
 - all rubbish should be removed and disposed of appropriately
- **13.3.** SPC provide steriliser specifically for the vehicle, this must remain in the vehicle and continually be replenished as required from Stores. Always ensure there is enough steriliser available for the next person to use the vehicle.
- **13.4.** Vehicle cleaning can be recorded on the Driver Weekly Visual Checklist (<u>Health and Safety Checklists</u>).

14. RECOMMENDED CLEANING PROCEDURES

Equipment	Routine Cleaning Method	Acceptable Alternative if Required	Additional Information
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Waste bins and other containers for waste.	Only use bins that have lids. Use appropriate size bin liners. It is necessary to empty and remove these bags on a daily basis. Bins should be washed once weekly using detergent.	If the bin contains difficult stains or organic matter, it may be necessary to use a chlorine-releasing agent.	The wall surface behind the bin should be cleaned regularly using detergent or chlorine-releasing agent.
Carpets	Vacuum daily. Steam periodically.	For contamination spills, clean with detergent and disinfectant (not together). Some disinfectants will damage carpets.	Ensure vacuum filters are changed frequently.
Fridges and freezers	The inside of the fridge should be cleaned with detergent every week, and as required. The outside of the fridge should be wiped down as stains are noted.	The freezer should be defrosted as required and any spillages cleaned with detergent.	
Drains	Clean regularly.	Chemical disinfection is not advised.	
Equipment surfaces, including lamps	Dampen dust with freshly prepared detergent solution and dry.	Clean and wipe with alcohol to disinfect.	

Equipment	Routine Cleaning Method	Acceptable Alternative if Required	Additional Information
		·	

Equipment	Routine Cleaning Method	Acceptable Alternative if Required	Additional Information
Floors, Wet Cleaning	Disinfection of floors is not required routinely. Wash daily with freshly prepared detergent solution. It is advisable to rinse with water to remove detergent residue. This is good practice as it prevents people slipping when the floor gets wet.	For known contaminated surfaces, use a chlorine-based solution.	
Furniture and Fittings	Dampen dust with freshly prepared solution daily	For known contaminated surfaces, clean and then use a chlorine-based solution.	
Mattresses Frequent use of disinfectants will damage covers	Wash with freshly prepared detergent daily. It is equally important to dry mattresses thoroughly before putting them back on beds.	For known contamination with blood or faeces, clean and then use a chlorine-based solution.	When washing mattresses observe for any rips, tears, snags or any other signs of "wear and tear". If you notice any faults, please inform the unit manager.
Mops	Wash and rinse after each use, wring and store dry.	Disinfect by boiling or soak clean in a chlorine-based product for 30 minutes, rinse and store dry.	Mops should never be left to soak overnight. Fluid will become a growing media for bacteria.

Equipment	Routine Cleaning Method	Acceptable Alternative if Required	Additional Information
Toilet seats	Clean with freshly prepared detergent and water solution and dry.	If grossly contaminated with organic matter, use a chlorine-based solution. Rinse and dry.	Clean toilet areas at least twice a day.
Toilets	Wash inside of toilet with toilet brush and detergent. This prevents the build-up of lime scale and grime.		It is not necessary to put chlorine- releasing agents into the water contained in the pan.
Toilet areas. Lower wall surfaces.	Clean as required with detergent or a proprietary cleaner such as "Cif"	If grossly contaminated with organic matter, a chlorine- releasing agent must be used.	
Wash basins and sinks	Clean at least once a day using a proprietary cleaner such as "Cif" to remove stains. Disinfection is not normally necessary.		Clean and then disinfect if contaminated.
Kitchen appliances used on a daily basis e.g. liquidiser, health grills, juice-makers etc.	These appliances must be cleaned after each use. The appliances should be cleaned with hot water and detergent. They must be dried and stored		

Equipment	Routine Cleaning Method	Acceptable Alternative if Required	Additional Information
	correctly.		
Microwave ovens	All spillages must be wiped up immediately. If the microwave rotating plate is removable; remove and clean in hot water and detergent. Actively dry and replace in microwave.		
Learning Aids	Clean with freshly prepared detergent and hot water solution. Ensure toys are dried before storage. Machine wash soft toys.	Clean on a regular basis and more frequently during a period of infection. It may be necessary to disinfect contaminated learning aids with alcohol wipes or chorine based products.	All learning aids should be able to be wiped. Soft toys are not recommended.

Points to remember:

- 1. Ensure that learning aids can be cleaned.
- 2. Check toys regularly for breaks or cracks, discard any damaged toys.
- 3. Remove dust regularly dust is primarily dead skin cells.
- 4. Clean and disinfect toys during outbreak of infection or illness.
- 5. Immediately clean and disinfect toys that are contaminated with body fluid (blood, nasal and eye discharge, saliva, urine and faeces).
- 6. If soft toys cannot be laundered, they should not be there. They should be discarded.
- 7. Store clean toys in a clean container or clean cupboard.

- 8. Always wash your hands after handling contaminated toys.
- 9. Do not allow shared toys to be taken to the toilet area.
- 10. Do not put toys back into storage if they are dirty.

15.WASTE MANAGEMENT

15.1. Within healthcare, there are 2 types of waste:

15.2. Domestic (Non-risk).

This includes normal household and catering waste, and all non-infectious waste including non-toxic, non-radioactive and non-chemical waste.

15.3. Clinical (Risk).

Healthcare risk waste is classified as hazardous or dangerous due to the risk of it being infectious, or because it contains used sharp materials that could cause injury.

15.4. For management of waste, you must ensure that you:

- Risk assess waste before appropriately disposing it.
- Segregate and dispose of waste at the point of use.
- Ensure bins are never more than 2/3rds full and use foot operated pedal bins or wall mounted sharps bins as appropriate.

16.LAUNDRY MANAGEMENT

The risk of infection from used linen is minimal if handled properly.

The following points should be followed to ensure safety in relation to laundry in all SPC locations.

16.1. How should linen be handled?

 Linen soiled with blood or body fluids should be handled in a manner that prevents contamination of skin and mucous membrane or clothing, and that avoids transfer of germs to other persons and the environment.

- Gloves and disposable plastic aprons should be used for handling linen soiled with blood or body fluids.
- Manual sluicing is not recommended. In a domestic setting, prior to washing linen soiled
 with blood or body fluids, remove any solid matter in a controlled manner, flush into the
 toilet and place the items directly into the machine or into red alginate bag, if available. Use
 a cold pre-wash cycle followed by a hot wash cycle with detergent.
- Hands must be washed after handling laundry.

16.2. How should linen and clothing be washed?

- Thorough washing and rinsing at temperatures of 40-60°C with detergent will remove most organisms and is sufficient in most circumstances.
- Linen, clothes, soiled with blood or body fluids should be machine-washed separately using detergent at or above 60°C (or the hottest wash cycle tolerated by the fabric), a biological washing powder is recommended.
- Launder any cloths and towels used in the kitchen and food preparation separately from clothes and bedlinen. Wash in a hot machine wash at or above 60°C using a biological washing powder.
- Clean and soiled laundry should be stored separately.
- It is recommended that the washing machine is not located in the kitchen, where possible.
 Ideally the laundry area should not be located in a site, which is accessed through the kitchen.
- Where linen/clothing is soiled with body fluids regularly, it is recommended that the selected wash cycle attain and hold temperatures of 71°C for 3 mins or 65°C for 10 mins.
 Water soluble or alginate bags may be used.

17.CARE OF SUPPORTED PERSONS CARE EQUIPMENT/ INSTRUMENTS/DEVICES

- **17.1.** All equipment/ instruments/devices used in the delivery of care should be visibly clean.
 - Equipment/ instruments/devices should be cleaned as per manufacturers instructions and this is generally achieved using detergent and warm water. When followed by drying,

cleaning is adequate for those items, which either do not come into contact with the client or touch only intact healthy skin.

Equipment to be used by different clients should be cleaned immediately after use e.g.
 shower chair.

17.2. If items are soiled with blood or body fluids,

- Following cleaning equipment should be disinfected as per manufacturers instructions and this is usually achieved using a chlorine based disinfectant and cold water with 1000 ppm (parts per million) available chlorine i.e. 100 mls of Milton 1% in 1 litre of cold water, rinse with clean water and dry.
- For dilution and use of household bleach follow manufacturers' instructions.

17.3. Single use medical devices

• 'Single Use Devices'

- Single use items are for one episode of use by one person and must not be reprocessed and/ or reused.
- o Ensure that single use items are disposed of after use according to local waste policy.
- Examples include vacutainer barrels, enteral feeding giving sets/bags, 500ml normal saline bottles, syringes, dressings, some nebuliser sets.



• 'Single Patient Use Devices'

- o Some items can be reused for the same client these are labelled as 'single-patient use'.
- It is necessary to have manufacturers instructions for reprocessing/cleaning of 'single patient use' / reusable devices which should give recommendations on:
 - > method of decontamination (cleaning with or without disinfection)
 - > number of times item can be used or length of time item can be in use
 - > storage of item in between uses
 - schedule for servicing and or validation.
- o Examples include some nebuliser sets, reusable enteral feeding syringes.

- For cleaning of reusable devices in community group homes the following is recommended
- o Cleaning is carried out in a clean utility/treatment room where available or
 - Cleaning is carried out in a clean area associated with the use of the device i.e reusable enteral feeding syringes in kitchen area.

17.4. Decontamination of Reusable Medical Equipment

Non-critical equipment Refers to equipment that comes in contact with intact skin but not
mucous membranes. It includes patient care items and environmental surfaces. Examples of
non-critical patient-care items are bedpans, blood pressure cuffs and crutches. Non-critical
environmental surfaces include bed rails, some food utensils, bedside tables, patient
furniture and floors.

Non-critical environmental surfaces frequently touched by hand (e.g. bedside tables, bed rails) potentially could contribute to secondary transmission by contaminating hands of health-care workers or by contacting medical equipment that subsequently contacts patients. Such equipment must be thoroughly cleaned prior to use on another patient/resident. If soiled with blood or body fluids, wash with soapy water before disinfecting using a chlorine-releasing solution of 1000ppm (or equivalent according to the manufacturer's instructions), then rinse and dry.

18.MANAGEMENT OF EXPOSURE TO BLOOD OR BODY FLUIDS

- **18.1.** All healthcare workers working in the community need to know the correct procedure for the management of inoculation injury, or any other exposure to blood or body fluids. In addition to this, all healthcare staff in the community need to understand the principles of infection control or standard precautions and how to apply these standards to their work place.
- **18.2.** Spillages of blood, urine, faeces or vomit should be dealt with immediately and appropriate personal protective equipment (PPE) should be worn.
- **18.3.** For spillages of body fluid, e.g. urine, faeces or vomit, you must ensure that you:
 - Wear disposable gloves
 - Wear a disposable plastic apron if splashing is anticipated
 - Soak up as much of the visible material as possible with disposable paper towels.

- Clean the area using warm water and general purpose neutral detergent.
- Disinfect using a chlorine-releasing solution of 1000ppm (or equivalent according to the manufacturer's instructions), or sodium hypochlorite i.e. Milton or household bleach 1000 ppm (parts per million) available chlorine i.e 100 mls of Milton 1% in 1 litre of cold water.
- Following disinfection rinse surface/equipment with water.
- Dispose of paper towels, gloves, apron and cloth safely in a manner that prevents any other person coming in contact with these items e.g. bag separately prior to disposal into waste bag/bin.
- Wash and dry hands.

18.4. For blood spillages, you must ensure that you:

- Decontaminate all blood spills with a chlorine based disinfectant (e.g. powder, granules or liquid containing 10,000ppm available chlorine) or a suitable alternative. Use in line with the manufacturer's instructions and local policy.
- Wipe up the spillage with disposable paper towels and discard into a yellow healthcare risk bag.
- Wash the area/ equipment with a general purpose neutral detergent and water.
- Leave the area dry.
- Discard PPE into a yellow healthcare risk bag.
- Wash and dry hands.

MANAGEMENT OF NEEDLE STICK/ SHARPS

19. SAFE INJECTION PRACTICE

- **19.1.** Safe injection practice and management of sharps is a key component of standard precautions. You need to ensure the following:
 - All injections should be prepared in a clean area. This area must not be used for the disposal
 of used needles and syringes, handling blood samples or any material contaminated with
 blood or body fluids.
 - Eliminate the unnecessary use of sharps. Where this is not possible, use sharps with safety device.
 - Needle and syringes are sterile, single-use items and must not be reused for another client or to access a medication or solution that might be used for a subsequent client.

- Wear a surgical mask when placing a catheter or injecting material into the spinal canal or subdural space.
- Single-dose vials should be used wherever possible. Single-dose vials must not be used for multiple clients. Residual products must not be combined for later use.
- Restrict multi-dose vials wherever possible to a single patient.
- Do not use bags or bottles of intravenous fluids as a common source of supply for multiple patients. Intravenous fluids and intravenous sets are single use sterile items for use by a single patient.
- Consider a syringe or needle/cannula contaminated once it has been used to enter or connect to a patient's intravenous infusion bag or administration set.

20. DEALING WITH THE DISPOSAL OF SHARPS

20.1. Sharps must be carefully placed in a designated sharps container by the person using the sharps.

20.2. Used sharps must:

- Be immediately placed into a sharps container after use.
- Not be handed from one person to another.
- Not be recapped or be removed from the syringe.
- **20.3.** Not be left lying around on beds, lockers etc.

20.4. Sharps containers should be:

- Stored safely, i.e. out of reach of children.
- Closed to the temporary closure in between use.
- Closed and locked when 3/4 full or no longer needed.

21.IMMEDIATE ACTION FOLLOWING AN INOCULATION ACCIDENT/NEEDLE STICKS INJURY.



Note: If the injury is from a clean/unused needle, no further action is likely.

If the injury is from a used needle, St. Patrick's Centre (Kilkenny) will carry out the appropriate follow up procedures.

22. STAFF HEALTH, HYGIENE AND IMMUNISATION

- **22.1.** A high level of personal hygiene and appropriate immunisation provides a good baseline protection for health and social care workers and helps prevent the spread of infection.
- **22.2.** Cover all cuts/abrasions with a waterproof dressing.
- **22.3.** SPC provide the seasonal flu vaccination to all SPC employees. See <u>HSE</u> for more information.
- **22.4.** Staff have the responsibility of ensuring that they do not transmit infection to others. In addition, staff have a responsibility to report any serious conditions they have that may pose a risk to other staff members and the people we support, use the line management process to report same.

These conditions include the following:

Diarrhoea and vomiting	If a member of staff develops diarrhoea and/or vomiting they must inform their manager immediately. He/she will then make a decision on whether there is a need for the individual to go home. If symptoms persist for more than a few hours the cause is likely to be viral and the individual should remain away from work for 24 hours after the last symptoms have stopped. If symptoms persist they should visit their GP.
Sore Throats	Severe sore throats accompanied by a fever may be due to a Group A streptococcus. The individual should have a throat swab taken by their GP. Antibiotics should be prescribed by a GP.
Infectious Lesions	Staff should report all infected cuts, boils or other infected skin lesions particularly on the hands or face before commencing work. All cuts must be covered with a waterproof plaster.
Varicella Zoster Virus (VZV)	VZV can manifest as either chickenpox or shingles. Members of staff who have had chickenpox are in no danger of contracting or spreading the virus again. However, staff or people we support who have not had had the virus and are exposed to chickenpox or shingles may develop chickenpox.
Mumps	Mumps is spread by droplet infection and by direct contact with the saliva of an infected person. Staff who are not immune and who have been in direct contact with an infected person should seek advice from

	their own G.P.
Head lice	Any member of staff who has head lice should commence the appropriate treatment. Once treatment has been applied the staff member can continue working as normal. The initial treatment should be repeated 7 days after the first treatment.
Scabies	Any member of staff who believes that they have a scabies infestation should see their GP to confirm this and commence the appropriate treatment. Staff may return to work 24 hours after treatment. The initial therapy should be repeated 4-7 days after the first treatment.
Influenza	Influenza, commonly known as "the flu", is an infectious disease caused by an influenza virus. Symptoms can be mild to severe. The most common symptoms include: a high fever, runny nose, sore throat, muscle pains, headache, coughing, and feeling tired. These symptoms typically begin two days after exposure to the virus and most last less than a week.
	Usually, the virus is spread through the air over relatively short distances. It can also be spread by touching surfaces contaminated by the virus and then touching the mouth or eyes. A person may be infectious to others both before and during the time they are showing symptoms. Frequent hand washing reduces the risk of viral spread. Yearly vaccinations against influenza are recommended.
Covid-19	COVID-19, also known as coronavirus, is an illness that can affect your lungs and airways. It can take up to 14 days for symptoms of coronavirus (COVID-19) to appear. They can be similar to the symptoms of cold and flu. Common symptoms of coronavirus include:
	 a fever (high temperature - 38 degrees Celsius or above) a cough - this can be any kind of cough, not just dry shortness of breath or breathing difficulties loss or change to your sense of smell or taste – this means you've noticed you cannot smell or taste anything, or things smell or taste different to normal
	COVID-19 virus is primarily transmitted between people through respiratory droplets and contact routes
	See the <u>Qdrive</u> and <u>HSE</u> for more information.

23. TRANSMISSION BASED PRECATIONS

- **23.1.** Transmission—based precautions are additional measures that are recommended when Standard Precautions alone may not be enough to prevent the spread of infection/disease such as Clostridium difficile, chicken pox, tuberculosis, Covid-19 etc. These additional measures include
 - Contact precautions
 - Droplet precautions
 - Airborne precautions
- **23.2.** Unlike Standard Precautions that apply to all patients, transmission-based precautions only apply to particular patients based on either a suspected or confirmed infection/disease (e.g. chicken pox).

23.3. Contact precautions

- Infections spread by direct or indirect contact with supported persons or the supported persons environment
- Limit supported persons movement, if necessary
- Single room
- Wear disposable apron and gloves when entering the room
- Remove and discard used apron and gloves inside room and perform hand hygiene
- Apply alcohol hand gel when outside the room.

23.3.1. Contact precautions are used for the following:

- Enteric infection Escherichia coli 0157, Shigella, hepatitis A, Rotavirus, Norovirus,
 Clostridum difficile (Wash hands with soap and water)
- Multi-drug resistant organisms, e.g. MRSA, VRE, ESBL's
- Pediculosis (lice)
- Scabies
- Major draining wounds

23.4. Droplet precautions

- Must be used in addition to Contact Precautions
- Reduce the risk of transmission by large particle droplets (larger than 5 microns)

- Requires close contact between the source patient and the recipient
- Droplets usually travel 3 feet/ 1 meter or less
- Surgical mask is required when entering the room
- Limit movement and transport of the person supported, if necessary
- Use a surgical mask on the person supported if they need to use other rooms in the house.

23.4.1. Droplet precautions are used for the following:

- Multi-drug resistant organisms in sputum
- Epiglottitis (Haemophilus influenzae)
- Influenza
- Meningitis (Nesseria meningitidis or Haemophilus influenzae)
- Meningitis, aetiology unknown
- Meningococcal sepsis or pneumonia
- Mumps
- Parvovirus B19 (Fifth Disease)
- Pertussis (Whooping Cough)

23.5. Airborne precautions

- Must be used in addition to Contact Precautions
- Reduce the risk of transmission by small particle droplets (smaller than 5 microns)
- Single room, preferably with negative pressure
- Use of respiratory protection FFP2/FFP3 respirator when entering the room in addition to apron and gloves
- Remove respiratory protection when outside the room
- Keep the door closed

23.5.1. Airborne precautions are used for the following:

- Pulmonary TB
- Chickenpox (Varicella)
- Herpes Zoster (Shingles)
- Measles

23.6. Placement

- Occasionally isolation practices may be required
- Single room with en-suite en-suite facilities. If there is no en-suite toilet, locations with two
 toilet facilities should allocate one toilet facility for the affected person. In locations with a
 shared toilet facility the toilet facility should be disinfected before and after use. Person
 supported to use their own towel do not share a towel with others. Shared toilet facilities
 will also need to be given a deep clean after use.
- Hand Hygiene facilities in the room
- Dedicated patient equipment
- Supplies of gloves and plastic aprons outside room (for airborne precautions, place small clinical waste bin outside door for disposal of masks)
- Door closed
- Sign on door

24.GENERAL GUIDELINES ON THE MANAGEMENT OF OUTBREAK OF INFECTION

- **24.1.** Certain cases of infectious diseases, whether confirmed or suspected, must be notified by the Medical Officer/GP/Person in Charge to the Department of Public Health. A standard form and advice on local arrangements is available from the Senior Medical Officer (SMO). HPSC list of notifiable diseases can be found on the HPSC website:

 https://www.hpsc.ie/notifiablediseases/listofnotifiablediseases
- **24.2.** It is recommended that cases of other infectious diseases, which are not statutorily notifiable (e.g. scabies) should also be reported by the Medical Officer/GP/Person in Charge to the SMO /Infection Prevention and Control Nurse when an outbreak is suspected.
- **24.3.** Prompt notification and reporting of cases of infectious disease and suspected outbreaks to the SMO and Infection Prevention and Control Nurse is essential for the monitoring of infection, and allows for early investigation and prompt control of its spread.
- **24.4.** The following information will be required by the SMO on supported people with suspected or confirmed infectious diseases.
 - Name, age/date of birth, identification number and sex of patient
 - Address
 - General practitioner's name
 - Date of onset of symptoms and duration of symptoms
 - Type of symptoms
 - Samples sent and results, if known
 - Diagnosis
 - Source of infection if known

- Contacts- e.g. recent hospital in-patient, family, staff and visitors
- Outcome
- Whether the case was notified/reported to the SMO. If so, the date of notification/reporting

Similar information may be required for any staff that develop similar symptoms.

24.5. What is an outbreak?

An outbreak may be defined as two or more linked cased of the same illness (two or more person (staff or people supported) having the same infectious illness at the same time) for example two people with vomiting and diarrhoea.

24.6. In the Residential Healthcare Setting

- The SMO, IPCN or Principal Environmental Health Officer will advise on any special measures necessitated by an outbreak.
- The People We Support should be cared for in a single room with en-suite facilities. If there is no en-suite toilet, locations with two toilet facilities should allocate one toilet facility for the affected person. In locations with a shared toilet facility the toilet facility should be disinfected before and after use. Person supported to use their own towel do not share a towel with others. Shared toilet facilities will also need to be given a deep clean after use.
- Encourage the person/ people supported to use their own towel/s and utensils (i.e. cutlery, mugs, do not share a towels and utensils with others, where possible during an outbreak.
- Dishes, cutlery, mugs, etc should be washed through the normal dishwasher cycle on the highest temperature if no dishwasher is available wash in the highest tolerable temperature of water and detergent, rinse in fresh water and dry with a paper towel.
- Consideration should be given to the safety of visitors of residents with infections, particularly etc) elderly and very young visitors. Visitors should be encouraged to hand wash or use alcohol hand rub product on entering and leaving the community home facility.
- Visiting restrictions may be required during an outbreak of infection particularly for elderly and very young visitors. Information for visitors should include asking them not to visit if they have had Symptoms.
- In the event of a hospital admission being necessary the receiving hospital must be notified of the possibility of infection before the supported person arrives so that appropriate precautions can be put in place to prevent spread.

25. PANDEMICS

25.1. If and when National/ Worldwide Pandemics occur specific risk assessments and standard operating producers (SOP) will be put in place by St. Patricks Centre. All guidelines issued by the Government, HSE and HPSC are to be followed for the duration of the pandemic. All staff must comply with all interim measures, producers and guidelines put in place during a pandemic.

It is recommended not to handshake, cheek- kiss or hug during the pandemic period. The elbow-bump or foot shake method can be used during this period.

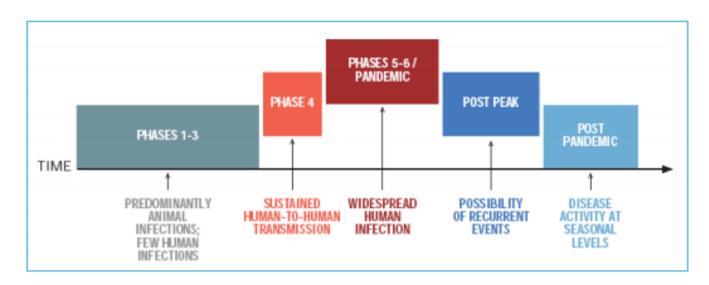
Updated guidance can be found on the below systems/websites;

SPC: Qdrive

HSE: https://www.hse.ie

HPSC: https://www.hpsc.ie

25.2. Guidance on CPR during Covid-19 can be found on the <u>HSE website</u> and the <u>Q drive</u>. Hands only CPR could also be used, guidance on same can be found on <u>irishheart.ie</u>. Each location needs to identify, risk assess and put an SOP in place for accessing a Defibrillator (please note the closest Defib to you may not be an SPC location). A list of SPC defib locations can be found on the <u>Q</u> <u>drive</u>.



The WHO Pandemic Phases

25.3. Post Peak Pandemic

Interim measures may be introduced Post Peak Pandemic. All guidelines issued by the Government, HSE and HPSC are to be followed for the duration of the post peak pandemic. All staff must comply with all interim measures, producers and guidelines put in place during this period.

Please see the Return to Work Safely Protocol for post peak pandemic guidelines.

https://www.gov.ie/en/publication/22829a-return-to-work-safely-protocol/

26. **ISOLATION TECHNIQUE**

There is no need to segregate the people we support who have an antimicrobial-resistant infection/colonisation, such as MRSA, from others because there is little risk of transmitting MRSA to healthy members of the community and there is minimal risk of becoming infected. Persons with known or suspected infection of SRSV (winter vomiting bug) and Clostridium Difficle (C.Diff) should be isolated if at all possible.

For isolation techniques in relation COVID-19 please follow the Interim Infection Prevention and Control Precautions for Possible or Confirmed 2019 novel Coronavirus Covid-19 pandemic standard operating producers. Please follow the most up-to-date HSE guidelines on Infection control guidance for COVID-19 as it is made available.

27. INFECTION CONTROL TRAINING

27.1. Infection control training required by SPC staff include;

- Breaking the Chain of Infection (Programme at HSELanD)
- Putting on and taking off PPE in community healthcare settings (Programme at HSELanD)
- Hand Hygiene for HSE Non-Clinical Staff (Programme at HSELanD)
- Introduction to Infection Prevention & Control (Programme at HSELanD)
- Basic life Support/First Aid

28. REFERENCES / USEFUL LINKS

HSE: https://www.hse.ie

HPSC: https://www.hpsc.ie

www.gov.ie

Health and Safety Authority: https://www.hsa.ie

The Food Safety Authority of Ireland: www.fsai.ie

HIQA: National Standards Healthcare association infections