





Preventing Infection Vicrobook

Guidal ce for Care Homes

2nd Edition

Name

Job Title









Contents			Indicate sections to complete
	1. Introduction	4	
Section 1	2. Infection prevention and control	5	
Sec	3. Standard Infection Control Precautions	8	
	4. Hand hygiene	9	
	5. Personal protective equipment	1.	
Section 2 - Standard Infection Control Precautions	Resident placement, assessment for infection risk and communication	19	
l Preca	7. Respiratory and cough hygiene	21	
Contro	8. Safe disposal of waste	23	
ection	9. Safe management of blood and boxy fluid spages		
lard Inf	10. Safe management of care equit, ent	30	
- Stand	11. Safe management of lin	34	
on 2 -	12. Safe management of the recovironme	37	
Section	13. Safe sharps management and presention of exposure in	39	
ics	14. ANTT (Aseptic) 1-Too. Teg sique)	43	
Key topics	15. Spraimen collection	46	
Section 3	16. Urit y caus sare	49	
Sect	17.UTI p ver in	53	
	18. Clostrid des difficile	57	
ecific	Os, I Juding ESBL and CPE	61	
	20.MR\$	65	
tion 4	21 Propiratory illnesses	69	
Sec	22. Viral gastroenteritis/Norovirus	73	
	Commentary	77	
Section 5	Key references and resources	78	
Sect	Certificate of completion	79	

Guidance for Care Homes

1. Introduction

The Community Infection Prevention and Control Team (IPC) at Public Health Wales have teamed up with the NHS Community IPC Team based in North Yorkshire to develop their existing Workbook to prevent inferent in Care Homes for adults. We gratefully acknowledge their work collaboration in developing a bespoke version for Wales.

We share the aim to support care homes in promoting best presser and C. This Workbook complements a range of resources and guidance reloped by Social Care Wales, including digital learning resources for IPC as all as induction. Modules for IPC can be accessed to be Social Care Wales website https://socialcare.wales/learning-and-devement/infection-prevention-and-control.

By applying the principles within the orkbook. safeguard commitment to high quality care of residen The central concept of The Social Services and Kell-be (Wales) Act 2014 is "putting the individual's well-being e hear sion making", this includes physical, mental health an being. Good IPC practices tional v should be used to support r to ach positive outcomes and 'what matters' in their lives, IPC sh expense of compassionate d h r be at controlling an restrict autonomy, freedom of care. Strategie fection movement and and, the fore. decisions and risk assessments should be underb and human rights legislation.

orkbook is aime all staff working in a care home, clinical and nonludes rece gists, volunteers, students and housekeeping to be indertaken in stages. This will allow you to d is des st you owledge' sections before moving on to the next comple completion, your Mmanager/Supervisor will check your section. nd when you have achieved 100% competency in your infection d control knowledge, they will sign and give you the 'Certificate You should keep the Workbook as evidence of learning and le advice for day-to-day care of residents. It may also be used to acces trate compliance with your employer's policies and procedures as dem as helping the organisation demonstrate any compliance requirements.

The Workbook is based on evidence and research by Health Protection Scotland and produced in the National Infection Prevention and Control Manual (NIPCM) adopted in Wales.

This Workbook has been endorsed by Sue Tranka, Chief Nursing Officer, and Albert Heaney CBE, Chief Social Care Officer, Welsh Government.

3. Standard Infection Control Precautions

The National Infection Prevention and Control Manual (NIPCM) states that there are a number 'Standard Infection Control Precautions' (SICPs), see table below. The underpin routine safe practice and break the chair of infection which in turn protects residents, visitors and state There often no way of knowing who is infectious, so by apply SICPs to all residents and at all times, best practice because second nature and the risk of infections minimised.

All care staff in all situations involving the are of residents or contact with the resident's environment must use SV s.

- In most cases, without aboratory est, it is in ossible to tell who has or is carrying information. Since every person is a potential infection isk, it ressential that all staff apply safe systems of woll in at every opportunity.
- Safe work or practices take the guesswork out of protecting the fand there as you provide care.

Standard Infection Co. of Precautions

Ha on the

Personal processing equipment

Resid placement and assessment for infection risk

Pospira ry and cough hygiene

Safe lisposal of waste

Sa management of blood and body fluid spillages

Safe management of care equipment

Safe management of linen

Safe management of the care environment

Safe sharps management and prevention of exposure injury

4. Hand hygiene

Hand hygiene refers to the process of hand decontamination where there is physical removal of dirt, blood, body fluids and the removal or destruction of microorganisms from the hap at

Hands may become contaminated by direct contact with a resident, handling equipment and contact with the general environment.

Hand hygiene is the single most important way to prevent the spread of infection. Hands may look visibly than, but microorganisms are always present, some harmal some not Removal of transient microorganisms as the post harmal factor in preventing them from being transferred to other.

Evidence and national guidance is a tifier that effective hand hygiene results in a signific preduct of in the carriage of harmful microorganisms, such a bacter, and viruses, on the hands. Effective hand hygien, de mases the incidence of healthcare associated infection. HCA leading to a reduction in morbidity (disease and prortately (death).

There are 2 categories of micro-reganisms present on the skin of the control of t

ransi

Trail lient by the are found on the surface of the skin. We are called 'transient' as they do not routing live on the hands. They are transferred to hands a er contact with residents or the environment and re easily removed by routine handwashing with liquid soap and warm running water.

Resident

dent bacteria are found on the hands in the deep layers and crevices and live on the skin of all people. They play an important role in protecting the skin from harmful bacteria and are not easily removed by routine handwashing with liquid soap and warm running water.

on' care with a resident. Aprons should be disposed of between residents and as soon as the activity is completed and hands cleaned.

Masks

A fluid repellent surgical mask should be worn when there a risk of splashing of blood and/or body fluids to the no mouth, and hands cleaned on removal. Worn where a microorganism is spread by the droplet route and not for general use, see page 69 for definition.

Correct order for putting on and removing Personal prote e equipment (PPE)

Order for putting on PPE

Ensure you are 'Bare Below the Elbows' and hair is tied back. Clean your hands. Pull apron over your head and tie at back of your waist.





ist and

utside o e glove oved hand olding the rendered glove in the gloved e fingers of the ungloved the remaining glove at the off, Discard, Clean



Elasticated masks: Position ears. Tied masks upper straps of crown of your hea at the nape of

For both ma mould With both han



Break apron strap at the neck, allow the apron to fold down on itself. Break waist straps at your back and fold apron in on itself. Fold or roll into a bundle taking care not to touch the outside surface. Discard. Clean hands.



band over the

ing the eye tion by the sides, ver your eyes.

our nose.



Handle eye protection only by the headband or the sides. Discard disposable eye protection. Reusable eye protection must be decontaminated after each use. Clean hands.



Put on gloves and extend to cover your wrists.



Elasticated masks: Pull loops over ears. Tied masks: Untie or break lower straps followed by upper straps.

Both masks: Holding only by the loops or straps, discard. Clean hands.

S. 17

Here are some steps to consider when communicating with those you support:

- How does the infection prevention and control procedure affect the individual?
- Have you communicated with the individual, and the way they will understand?
- Are communication aids, someone who unders individual well or an interpreter required?
- Have you provided adequate time for the individual tunderstand your procedures, what it equired of them, ask questions and make a decision?
- ♦ How have you reassured the indivious al?
- Has the person given or sent, are there any cental capacity or best interest anside alons for this procedure?
- Do they have an 's rey' of the decision maker who needs to be include it are all support planning?

For further gridance and training (including the Collaborative Communication wills Programmy) please refer to the Social Care Wales we gite:

- https://socialca.wales/wsources/effectiveication-ci.wklist
- Al. Vales Series accessible communication for pet le Ath sensory loss

Plea	st yt yr knowledge st ck th, correct answer	True	False
1.	hen a resident has a suspected infection hey may require isolating.		
2.	It is not necessary to inform the resident's infectious status to the ambulance service.		
3.	Communication includes non-verbal communication and behaviour.		

7. Respiratory and cough hygiene

Good respiratory and cough hygiene is essential to reduce the risk of spreading respiratory infections, e.g. TB (pulmonary tuberculosis) and more commonly, viruses such as COVID-19, influenza (flu) and the common cold; whire revulnerable people can cause severe illness such as pneumonia.

When a person with a respiratory illness coughs, sneezes, talks, millions of bacterial or viral particles a released from the nose and mouth predominantly in the form droplets which travel in the air, contaminating and faces within a short distance (1 metre).

Respiratory infections can spread asily from an infected person to another person if the back risk, virus lands on mucous membranes, such the eyes lose and mouth, it will then enter the body.

If the environment contaminated or any coughing, sneezing or by contaminated since touch g surfaces, it can spread to others who touch the contaminated touch their eyes, nose or mouth.

Microorgan sms, see as baceria and viruses, can survive in the environment of hours to months, e.g. influenza virus up hours, VID-19 up to 72 hours.

Prevent the pread

microorga sms in the air which will contaminate surfaces. Stoff shaud ensure rooms are well ventilated. Windows should be opened regularly, e.g. 10 minutes every hour.

Staff should promote good respiratory and cough hygiene, encouraging, assisting and advising residents to:

Cover their nose and mouth with a disposable tissue when

Waste stream guide for Care Home settings				
Colour*	Description			
Orange	Infectious waste: items contaminated with urine, factors, vomit, sputum, pus or wound exudate, from a contamied, suspected or at risk of infection source. Item may include personal protective equipment (PPE) antinence pads, urine bags, single use items, single use walls and dressings. Waste from blood and/or body fluid spillages. Infectious waste may be treated to render it safe placed disposal, or alternatively incine ated in a licensed facility.			
Yellow and black	Offensive/hygiene was to contact in a ted with one, faeces, vomit, sputum as or wand extract, from esidents with no risk of, commed or supected in a con. Items may include PPE, attinence pass, urine bags, single use items, single use bown dreadings, feminine hygiene, nappies and any other massacraded to be non-infectious, such as uncontaminaded. PE. Liquids, e.g. urine faeces; mit, should be discarded into a foul sewer fluids a toilet). They can, however, be carbed onto a dispublic cloth, e.g. paper towel, and account the or insive waste stream, ensuring there is no fine flowing. The present, absorbent gel may be used. Offensive/hygiene waste may be land filled in a permitted or licental facility.			
Black	 rate aste: items which do not contain infectious naterials, sharps or medicinal products, e.g. paper towels from handwashing, packaging, newspapers. Clear or opaque waste bags can also be used for domestic waste. Recycling options should be considered where available. Domestic waste may be land filled in a permitted or licensed facility. 			
Purple	This waste stream is rarely used in care home settings. Cytotoxic and cytostatic waste: items contaminated with hormone or oxytocin-based agents. Cytotoxic and cytostatic waste must be incinerated in a permitted or licensed facility.			

24

9. Safe management of blood and body fluid spillages

As blood and body fluids may contain a large number of microorganisms, spillages should be made safe improductely by staff trained to do so. Dealing with a spillage may exposite member of staff to infection, therefore, applicate personal protective equipment (PPE) must be work

Dealing with blood/blood stained body fluid spillac

Wearing the appropriate PPE, disinfect coillages promptly and clean the affected area. All products much be in date. Spillage waste should be disposed of a fair true was to be.

Best practice is to use a good spill ge kit, which should be used following the manufacturer's condance. Alternatively, prepare a chlorine-based disinformation and use as below.

* See page 28 regarding a spoft for sphings and carpets.

Action for blood/blood sain, body wid spillages 10,000 parts smillion (ppm) smilable chlorine

Chlorine-base stant and ould be within the expiry date and used as per man, cture, ructions.

W and sposable apply and gloves (and mask if risk of splashing).

Ven the the e.g. open windows and doors, as fumes will be released from the time.

Cover to spill with paper towels.

Pour the sinfectant solution on top of the paper towels, leave for sinusial contact time or as specified on the container.

Clear way paper towels and spillage and dispose of as infectious was

of detergent wipes or detergent and warm water and disposable cloth, clean the area, then leave to air dry or dry with paper towels.

Dispose of cloth and paper towels as infectious waste.

Remove PPE and dispose of as infectious waste.

Wash hands with liquid soap and warm running water, rinse and dry thoroughly to prevent the risk of transmission of infection.

10. Safe management of care equipment

Cleaning, disinfection and sterilisation is known as decontamination. Safe decontamination of equipment after use on each resident is an essential part of routine in ction control to prevent the transmission of infection.

There are 3 le	ere are 3 levels of decontamination:		
1. Cleaning	Is a process which removes dust, dirt, including soiling, body suds and large numbers of microorganisms such as bacteria and viruses		
2. Disinfection	Is a combination of processes in the moves or destroys icroor takisms		
3. Sterilisation	Is a press the arther reduces the number of microscapisms a level at which they are not sarm.		

1. Cleaning

Cleaning with a tergent and water physically removes dirt an icroorganisms from surfaces or equipment. The process are not not essarily remove all microorganisms, but low as the numbers and the risk of spreading infection.

Reterient and warm water or detergent was should be used for the cleaning of an equipment that has been in contact with intact skin*, e.g. walking frame, wheelchair. Steam cleaners can also be used effectively for cleaning equipment. (*Intact skin can be defined as skin in which there are no breaks, grazes, cuts, etc.)



11. Safe management of linen

Providing clean linen is a fundamental requirement of care. Linen, e.g. bedding, towels, clothing, can become soiled with blood, urine, faeces or other body fluids containing proporganisms, such as bacteria and viruses. Therefore, when handling linen, care should be taken to reduce trisk of spreading infection.

Standard process*

(Soiled and fouled linen and clothic

Items should be placed into a water-solt as bag and then into a white cotton sack or in a white cotton bag. Heavily alled items should have any **solic** amove prior to be placed into the bag. In larger precises, residents clothing may sometimes be bagged separably to sed linen.

Enhanced process* (Infected linen and cl. h)

Items should be sealed a recovater-soluble bag immediately an abould ben be placed in a plastic or nyloh, plyes of er bag.



The ter bag show be labelled 'infectious linen'.

(* South Sealth Schnical Memorandum 01-04 for Social Care

Handlin linen and clothing

ispose ble apron and gloves should be worn when hadling used, soiled or infected linen and clothing.

- Led linen and clothing should not be placed on the floor, but put directly into a laundry bag which should be removed from the resident's room immediately.
- Securely fasten laundry bags when no more than 3/4 full.
- Laundry bags awaiting collection should be stored in a secure designated storage area.

12. Safe management of the care environment

The cleanliness of the environment is important to support infection prevention and control, help reduce the incidence healthcare associated infection and ensure confidence all staff, and in particular cleaning staff, play an important ale in improving the quality of the environment and maintaining standards. Dust and dirt can allow microorganisms to multiply and spread, effective cleaning is, therefore, essential.

- To facilitate effective cleaning of the environment, surfaces should be smooth, damage free a whomble.
- The environment should be we maintain and in spood state of repair.
- The environment should be outined cleaned in line with the National Standards for Changing in VHS Wales (2009).

National colour string school

All care homes are son, and to adopt the national colour code for cleaning mater, usee below). All cleaning items, e.g. boths (reusal, and disposable), mops, buckets, aprons are done is gloves, hould be colour coded.

Blue ₽d General areas, including ers, toilets, lounges, offices, corridors and athroom floors asins an bedrooms Yellow Green Bedrooms when someone Kitchen areas, including has an infection and is cared satellite kitchen areas and for in their own room food storage areas (isolated)

Procedure following a splash or inoculation injury In the event of a splash injury to eyes, nose or mouth

1. Rinse affected area thoroughly with copious amounts of warm running water.

In the event of a bite or skin contamination

1. Wash affected area with liquid soap and warm running way, dry and cover with a waterproof dressing.

In the event of a needlestick/sharps injury

- 1. Encourage bleeding of the wound by squeezing under running water (do not suck the wound).
- 2. Wash the wound with liquid soap and warm rule og water and dry (do not scrub).
- 3. Cover the wound with a waterproof desing.

In all cases

4. Report the injury to your manager mediat

If the injury is caused by a use sharp sharp of unknown origin, splash to non-intact strength membrane or a bite has broken the skin

- 5. Immediately contact your GP of Occuptional Health department. Out of normal of the contact the housest Emergency Department (ED).
- 6. If you have had a need atick of the ps injury from an item which has been add on a residual (source), the doctor in charge of their care may the blood at high from the resident to test for hepatitis the hepatitis and HIV (following counselling and agreement it resident).
- 7. Arthe GP Platice/Occupational Health/ED:
- A black purple will be taken from you to check your hepatitis B scinatic antwody levels and you will be offered immunogloulin if they are low. The blood sample will be stored until results are available from the resident's blood sample. If the of the sharps injury is unknown, you will also have blood samples taken at 6, 12 and 24 weeks for hepatitis C and HIV
- If the resident (source) is confirmed or suspected to be HIV
 positive, you will be offered Post Exposure HIV Prophylaxis (PEP)
 treatment. This should ideally commence within 1 hour of the
 injury, but not recommended beyond 72 hours post-exposure

Complete appropriate documentation.

Aseptic Non-Touch Technique can also be used for:

- Removal of a urinary catheter
- Changing a catheter drainage bag
- Attaching a catheter night bag

Good practice

- Use Standard Infection Control Precautions.
- Dispose of single use items after use.
- Store sterile equipment in clean, dry andition off the floor and away from potential damage.

Note

- Safe aseptic technique in reliant projective staff training and the environing and environment being fit for purpose.
- If the procedure are be undertake, without touching the key site or key had a be as a wound, with your hands, then non-sterile globals can be corn. If you need to touch the key site or key part with your hands, then sterile gloves must be worth.

4	Te	est you kn wie enswer	True	False
	1.	Asepsis means the absence of the contraction and the contraction.		
	2.	Use of a aseptic technique prevents microganisms being introduced.		
	3.	A non-ANTT technique can be used for significant wounds.		
	4.	An Aseptic Non-Touch Technique can be used when attaching a catheter night bag.		

15. Specimen collection

A specimen is a sample of body fluid, e.g. urine, faeces. All specimens are a potential infection risk so must be collected using Standard Infection Control Precautions and transported in a sealed rigid container.

Taking routine specimens **should be avoided** to elp reace inappropriate prescribing of antibiotic treatment. Specimens should only be taken on direction of a GP or nurse.

Specimen collection and storage

- Wash hands before and after enecime. ollection.
- Wear appropriate personal rotect equipment
- Specimens must be latered correctly, including relevant clinical details and any recent appoints history.
- Wherever possible coain a new specimen. Specimens should be sent in the coarct coarsiner as soon as possible and within 24 hours.

Specimen	vita.		
Ur	Uring amples should be to the 'fill line' on the continer, and must be more than 5 ml. container should have boric acid preservative (red top*), which prevents bacteria from multiplying in the container		
Forces (pol	Blue top* 'stool' specimen container		
Respiratory	Specimens should only be taken if there are signs of a clinical infection as decided by a GP or Senior/ Clinical Lead		
* The colour of the specimen container top may vary depending on the manufacturer			

- Remove disposable gloves and apron and wash hands.
- Always record when the catheter bag is changed.

Overnight drainage bags

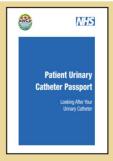
If a resident has a leg bag during the day, an additional larger linked drainage bag (night bag) should be used for overnight use. The night bag should be attached to the leg bag to keep the original system intact.



- Always wash hands and wear disposable soon and gloves when attaching a night bag.
- Wipe the leg bag drainage tap yan an all hol wip to reduce the risk of infection.
- Attach the night bag to a fand to be that the drainage tap is not touching the floor, prevent contamination of the tap.
- When removing the cap from the key night bag tube, to prevent contamination, and injection, do not touch the end before attaching it is the drawne tap on the leg bag.
- Night the see single by only and should not be reused. Empty the urine ment the hight bag and dispose of the bag as offens to wrate.
- Remove deposable gloves and apron and wash hands.

C me

The use of 'Patient Urinary Catheter Page 1 is good practice to help provide continuity of care between healthcare settings. For further details visit https://phw.nhs.wales/services-and-teams/harp/infection-prevention-and-control/



Colours 1-3 suggest normal urine			
Clear to pale yellow urine suggests that the resident is well hydrated.			
	Light/transparent yellow urine suggests an ideal level of hydration.		
	A darker yellow/pale honey coloured urine suggests that the resident may need to hydrate soon.		
Colours 4-8 suggest the resident needs to rehydr.			
	A yellow, cloudier urine colour suggests the resident is ready for a drink.		
	A darker yellow urine suggests the resident starting to become dehydrated.		
	6. Amber coloured urine is not althy. The resident sees more fluid (all fluids count)		
	7. Orange/yellow urine suggests te reparent is becoming severely dehydrated		
	8. If the urine is this dark dather than the red or brown, it may not be due to dehydration. So k advisorom their GP.		

For non-catheterise residuals ho are over 65: Consider sending a specimen if the e is new inset dysuria (pain on urination) or 2 or mo symptoms of a UTI (see page 53). Visit https://html...html. Vales/scales-and-teams/harp/infection-prevention-d-cor of artists-and-resources/.

atheter a residents: Consider sending a specimen if they have shall g chills (rigors), pain or tenderness in the back (area region) to kidneys), new or worsening delirium or ation.

Specimer ollection

Canid-stream or 'clean catch' specimen. If the resident is catheterised, a sample should be taken from the sample port, not from the drainage tap. Send a sample **before** starting antibiotics. Use a specimen container with boric acid (red top) as it preserves bacterial numbers for up to 72 hours. Fill with urine to the 'fill line' on the container, see pages 46 and 48.

 When a resident is symptom free for 48 hours and has passed a formed stool (Type 1 to 4 - see below) or their bowel habit has returned to normal, they are no longer infectious and isolation precautions are no longer required. A negative stool specimen is not required.

4. Decontamination

- Ensuite toilets should be decontaminated after each episte of diarrhoea with a chlorine-based disinfectant solution, (see 31).
- If a commode is used, this should be decont inated after each episode of diarrhoea with a solution as above, ruring all areas, e.g. arms, underside of seat, are used.
- Wash laundry from an infected registrated line
- All equipment must be cleaned is the removed from the reom with a chlorine-based disinfectant station.
- Clean the resident's room and at daily the achlorine-based disinfectant solution made with a last a hours.
- Deep clean the room including turtal and soft furnishings when the residence pottom free for chours and their bowel habit has returned ports. The will help prevent reinfection.

THE E	BRIL OL STOO	OL FORM SCALE
Tyr		Separate hard lumps, like nuts (hard to pass)
ve 2	erte	Sausage shaped, but lumpy
Ty⊿e 3	CHES NO.	Like a sausage, but with cracks on its surface
Type 4		Like a sausage or snake, smooth and soft
Type 5		Soft blobs with clear cut edges (passed easily)
Туре 6	25	Fluffy pieces with ragged edges, a mushy stool
Type 7		Watery, no solid pieces ENTIRELY LIQUID
	Type 3 Type 4 Type 5 Type 6	Type 3 Type 4 Type 5 Type 6

Reproduced by kind permission of Dr KW Heaton, Reader in Medicine at the University of Bristd . © 2000 Norgine Ltd.



Note

- Giving antibiotics to asymptomatic (colonised) residents to clear the organism is not recommended because it is not actually causing an infection. Treatment is only required for people with clinical signs of infection.
- If transfer to hospital is required, the ambulant servi and hospital department should be informed of resident's MDRO status.

Remember

- Hand hygiene using liquid cap an warm, wnip water or an alcohol handrub is expantial.
- Medical advice should be ugh a person has clinical signs of an infection
- The resident's room, the state be comped at least daily with a chlorine-based disinfectant plution.
- Crockery and the same of the control o

	Te sur knowadge Pleas vick tine of answer	True	False
)	M. R. are not usually a problem to people who are healthy.		
	ien MDROs causes an infection, it is y easy to treat.		
	If a resident has a MDRO in a wound, it should be covered with a dressing.		
	Medical advice should be sought if a person has clinical signs of an infection.		

20. MRSA (Meticillin Resistant *Staphylococcus Aureus*)

MRSA is a variety of a common bacteria *Staphylococcus* aureus which live harmlessly on the skin and in the nose and throat of about 1/3 of people. MRSA is resistant to some or necommonly used antibiotics, e.g. Flucloxacillin.

Where is MRSA found?

MRSA prefers to live in the nose, armpit, groin and wound people. It can also be found in the environment, in dust and has been found in hospitals and in the community.

How is MRSA spread?

From person-to-person by direct skin contact, surfaces or contaminated equipment. MRSA can be spread to the next p on hands that have not been washed thoroughly.



MRSA colonisation

People carrying MRSA acteria, a.g. on their skin, in their nose or in long actering wound, such as leg ulcers, who do not have clinical signs a infection, are said to be colonised, but not infected. To MR A base ria are simply 'hitching a ride' on the case of the cody without causing an infection or illness and are not usually parmful to healthy people. These people are usually parm that they are carrying the bacteria.

MPSA : action

People can become infected with MRSA when the bacteria enters the body and causes illness, e.g. abscess, boil, local skin infection. It may cause serious illness such as a blood infection (bacteraemia). Signs of infection include fever, redness, pain and increased wound discharge. Urgent



- If the care home is classed as having an outbreak, the care home should be closed to admissions and follow outbreak management procedures.
- Care homes should contact their local HP Team (see note or page 76) for further support or advice.

2. Hand hygiene

- Clean hands using liquid soap and warm running water or alcohol handrub if hands are visibly clean.
- All resident's rooms should be fully equipped who iquid soap and disposable paper towels.
- Encourage and assist residents year respirate and country hygiene.
- Visitors should clean their as on a rang and leaving the care home.

3. Isolation

- Good ventilation is a portal and a pove microorganisms from the air, open windows analysts. 10 minutes every hour.
- Sympto attornishents should be cared for in single rooms.
- Ensure the resign at so own door is closed if safe to do so.
- cohorted on signated separate floors or wings of the home, to be sead to asymptomatic residents. The Health rotection Team will advise on the correct management.
- Staff produse appropriate PPE as per national guidance, e.g. R fluid resistant surgical face masks, eye protection, gloves and apron, when caring directly for affected residents and set up PPE stations outside resident's rooms.
- The period of isolation differs with the type of virus, so advice should be sought from their local HP Team.



22. Viral gastroenteritis/Norovirus

The most common cause of viral gastroenteritis in the UK is caused by the virus known as Norovirus. Many people refer to it as a stomach bug, gastric flu or winter vomiting. It is important to use Standard Infection Control Precautions viral gastroenteritis is highly infectious and can spread asily from person-to-person.

What does viral gastroenteritis cause?

Signs of infection include sudden onset of on thoea* and/or vomiting, nausea (feeling sick), abdominal (storeth) cramps headache and/or low-grade fever. Starpts is usually begin around 12-48 hours after being infected with the virus (*Diarrhoea is generally defined as a sugent are vatery bowel movements.)

Illness is usually of a short of a region and cost people are better within 48 hours with no one arm enerts. However, some people, especially the electry at 4 those with existing long-term illness, in a region of the symptoms that last longer.

Why doe wiral gastro. Teritis cause outbreaks?

Viral gast lend tis often coses outbreaks because it is easily spread from the to-person and without effective cleaning, the virgous able to survive in the environment for days.

Outbeam end affect people in hospitals, or where there are large groups of people.

An outbreak is defined as 2 or more residents and/or staff within the same area, who have similar symptoms of diarrhoea and/or vomiting within a 48 hour time period. See note on page 76.



Key references and resources

All Wales Infection Prevention and Control Training, Learning and Development Framework for health, social care, early years and childcare. https://heiw.nhs.wales/files/ipc-framework-final-nbsp/

All Wales Induction Framework for Health and Social care. by still socialcare.wales/learning-and-development/induction-for-by sch-and-socialcare-awif

Effective communication with people with dementia. <a href="https://socialcare.wales/service-improvement/effective-communication-wales/service-imp

Principles and values of health and social care (healthandcarelearning.wales)

https://www.scie.org.uk/dignity/care/ ...mun ion#ex vive

https://socialcare.wales/service/ provement/ -mental-c city-act-and-deprivation-of-liberty-safeguards (s

Health and Social Care Scrices - Scrices (HSE). https://www.hse.gov.uk/healthse

National Infection Preventio Co. of Mank. (NIPCM). https://phw.nhs.wales/services-and-ams/ https://phw.nhs.wales/services-and-ams/ https://phw.nhs.wales/services-and-ams/ https://prevention-and-control/nipcm/

National Standage for sping NHS Wales (2009) NHS Wales Statutory Guidance service ders (gov.wales)

Sur the and Repolative Healthcare associated infections - HCAIs) includes HA. Surdy on physilence of HCAIs on Long-Term Care Facilities 2017. https://productions-heai/

Urinary tot Infection Toolkits and Resources. https://phw.nhs.wales/ services-a l-teams/harp/infection-prevention-and-control/toolkits-and-pes/

Welsh overnment, The Regulation and Inspection of Social Care Act (Wale https://gov.wales/sites/default/files/publications/2019-04/guidance-for-r_iders-and-responsible-individuals.pdf

sh Health Technical Memorandum WHTM 01-04: Decontamination of linen for health and social care. Management and provision

Welsh Health Technical Memorandum WHTM 07-01: Safe management of healthcare waste

WHO Roadmap to improve and ensure good indoor ventilation in the context of COVID-19. https://www.who.int/publications/i/ https://www.who.int/pu