

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care



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Introduction

This manual is intended to support staff in caring for residents in Alberta Health Services (AHS) owned and contracted acute care settings who have a known or suspected infectious disease or condition. It is organized in alphabetical order based on either the common or scientific spelling of the disease, condition or microorganism. For settings outside of acute care, including continuing care, corrections and community based services refer to the [Continuing Care IPC Resource Manual Diseases and Conditions Table](#)

The most up-to-date version of the Manual is the electronic version on the website. Printed copies of the document should be considered current only on the date printed.

Instructions

1: To view a disease or condition table:

- **If you know what you are looking for;** click on its first letter in the list below to move to an alphabetical index of diseases and conditions for that letter. Click on the organism or disease you are looking for to view its content.
- **If you are unsure what you are looking for;** review the **Index of Diseases and Conditions** on the next pages. Click the organism or disease you would like to see.

2: If a disease, condition or microorganism you are looking for is not listed:

- **Follow Routine Practices** and contact Infection Prevention and Control or your Zone Medical Officer of Health or designate as needed for additional information.

3: To access interactive features:

- In the specific disease or condition, click the hyperlink that you would like to view. This will open the **linked** document.
- Routine Practices and Additional Precautions (RPAP) information sheets are linked to this document and appear in the tables as follows: [Routine Practices](#); [Airborne Precautions](#); [Airborne and Contact Precautions](#); [Contact Precautions](#); [Droplet and Contact Precautions](#); [Droplet Precautions](#).
- Other links in this document are underlined.
- Additional Precautions (AP) information sheets are linked to their Precautions sign, Routine Practices (RP) information sheet and other information. Links in the RPAP information sheets are underlined. Click on the underlined words to access the link.
- RPAP information sheets, signs and additional resources may also be accessed by the links in the left hand column.

Please contact Infection Prevention and Control (IPC) or your Zone Medical Officer of Health (MOH) or designate with any questions.

Index of Diseases and Conditions

A

- Abscess – (various organisms)
- Acinetobacter* – multidrug resistant (MDRA)
- Acquired Immunodeficiency Syndrome (AIDS)
- Actinomycosis (*Actinomyces* spp.)
- Adenovirus spp. –
 - Conjunctivitis
 - Cystitis
 - Gastroenteritis
 - Respiratory tract infection
- Aeromonas* spp.
- Amebiasis – diarrhea (*Entamoeba histolytica*)
- AmpC
- Anthrax – laboratory confirmed, probable or suspect case based on clinical symptoms (*Bacillus anthracis*)
- Antibiotic-resistant organisms (ARO) –
 - Carbapenemase-producing organisms (CPO)
 - Extended-spectrum Beta-lactamase producers (ESBL) – *E. coli*, *Klebsiella* spp., others
 - Methicillin-resistant *Staphylococcus aureus* (MRSA)
 - Vancomycin-intermediate *Staphylococcus aureus* (VISA)
 - Vancomycin-resistant *Enterococcus* (VRE)
 - Vancomycin-resistant *Staphylococcus aureus* (VRSA)
- Arthropod-borne virus (Arboviruses)
- Ascariasis (*Ascaris* spp.) –
 - Roundworm – ascariasis
 - Hookworm – (*Necator americanus*, *Ancylostoma duodenale*)
- Aspergillosis (*Aspergillus* spp.)
- Astrovirus – diarrhea
- Avian influenza

B

- Bedbugs (*Cimex lectularius*, *C. hemipterus*)
- BK virus
- Blastomycosis – pneumonia (*Blastomyces dermatitidis*), skin lesions

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Bordetella pertussis – (whooping cough, pertussis)

Botulism (*Clostridium botulinum*)

Burkholderia cepacia complex –

Non-respiratory infections

Non-respiratory infections in high-risk patients (Burn unit, BMT/Oncology Unit, ICU, CVICU)

Respiratory infection

Burkholderia pseudomallei (Meliodiosis) – (aka Whitmore's disease)

Burns (infected) – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

C

Calicivirus (family of viruses that contain norovirus –also known as Norwalk or Norwalk-like virus)

Campylobacter jejuni

Candida auris multidrug-resistant

Candidiasis (*Candida* spp.)

Carbapenemase-producing organisms (CPO) – also known as Carbapenem-resistant Enterobacteriaceae (CRE) or Carbapenem-resistant organism (CRO)

Cat-scratch fever (*Bartonella henselae*)

Cellulitis – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

Chancroid (*Haemophilus ducreyi*)

Chickenpox

Chikungunya virus (Arbovirus CHIKV)

Chlamydia (*Chlamydia trachomatis*) – Lymphogranuloma venereum

Cholera (*Vibrio cholerae*)

Citrobacter spp., MDR – Carbapenemase-producing organisms (CPO), ESBL or AmpC producing

Clostridium difficile infection (CDI)

Clostridium perfringens – food poisoning

Clostridium perfringens – gas gangrene

Coccidioidomycosis (*Coccidioides immitis*)

Congenital rubella

Conjunctivitis – pink eye; bacterial and viral

Coronavirus – (severe acute respiratory syndrome, SARS CoV, Middle East respiratory syndrome, MERS CoV)

Coronavirus – not SARS

Coronavirus – Novel (COVID-19)

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Corynebacterium diphtheriae –

Toxigenic strain

Non-toxigenic strain

Diphtheria – cutaneous or pharyngeal

Cough, fever, acute upper respiratory tract infection –

Rhinovirus

Respiratory Syncytial Virus, [RSV]

Parainfluenza virus

Influenza

Adenovirus

Coronavirus

Bordetella pertussis

Mycoplasma pneumoniae

Cough, fever, pulmonary infiltrates in person at risk for tuberculosis (*Mycobacterium tuberculosis*)

COVID-19

Coxsackie virus disease (Enterovirus and *picornaviridae*) – hand-foot-mouth disease

Creutzfeldt-Jakob disease – classic (CJD) and variant (vCJD)

Crimean-Congo hemorrhagic fever (arbovirus)

Croup –

Haemophilus influenzae

Mycoplasma pneumoniae

Adenoviruses

Respiratory Syncytial Virus, [RSV]

Influenza virus

Parainfluenza virus

Measles virus

Human metapneumovirus

Cryptococcosis (*Cryptococcus neoformans*)

Cryptosporidiosis (*Cryptosporidium parvum*)

Cyclosporiasis (*Cyclospora cayetanensis*)

Cytomegalovirus

D

Decubitus ulcer, infected – pressure ulcer (various organisms)

Dengue fever (Arbovirus)

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Dermatitis, infected – (various organisms)

Diarrhea – (various organisms)

Diphtheria – cutaneous or pharyngeal

E

Eastern equine encephalitis (Arbovirus)

Ebola viral disease

Echinococcosis/Hydatidosis – (*Echinococcus granulosus*, *Echinococcus multilocularis*)

Encephalitis – (Herpes simplex virus [HSV types 1 and 2], enterovirus, arbovirus, and others)

Endometritis (puerperal sepsis) – (*Streptococcus* Group A)

Enterobacter spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Enterobiasis (pinworm) (oxyuriasis, *Enterobius vermicularis*)

Enteroviral infections (echovirus, coxsackie A & B)

Epiglottitis – (*Haemophilus influenzae* type B [HIB], *Streptococcus* Group A, *Staphylococcus aureus*)

Epstein-Barr virus (Human Herpes virus 4)

Erysipelas – (*Streptococcus* Group A)

Extended-spectrum Beta-lactamase producers (ESBL) – AmpC Beta-lactamase producers (AmpC), *E. coli*, *Klebsiella* spp., others

Escherichia coli 0157: H7

F

Febrile respiratory illness, acute respiratory tract infection –

Rhinovirus

Respiratory syncytial virus, [RSV]

Parainfluenza virus

Influenza

Adenovirus

Coronavirus

Bordetella pertussis

Mycoplasma pneumoniae

Fever unknown origin, fever without focus (acute) – (many bacteria, viruses, fungi)

Food poisoning – (*Bacillus cereus*, *Clostridium perfringens*, *Staphylococcus aureus*, *Salmonella* spp., *Vibrio parahaemolyticus*, *Escherichia coli* 0157: H7), *Listeria monocytogenes*, *Toxoplasma gondii*, *Bacillus* spp.)

G

Gas gangrene (*Clostridium* spp.)

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GAS – Group A *Streptococcus* (*Streptococcus pyogenes*) –

Skin infection

Invasive GAS (iGAS)

Necrotizing fasciitis

Scarlet fever

Pharyngitis

Toxic shock syndrome

Gastroenteritis – (several bacteria, viruses, parasites)

German measles

Giardiasis (*Giardia lamblia*)

Gonococcus (*Neisseria gonorrhoeae*)

Guillain-Barré syndrome

H

Haemophilus Influenzae type B (HIB) – invasive disease – Osteomyelitis

Hansen's disease

Hantavirus

Helicobacter pylori

Hemolytic uremic syndrome (HUS) – (may be associated with *Escherichia coli* 0157: H7)

Hemorrhagic fever acquired in identified endemic geographic location – (Ebola virus, Lassa virus, Marburg virus, others)

Hepatitis – A, E

Hepatitis – B, C, D, and other unspecified non-A, non-B

Herpangina (vesicular pharyngitis) – (enterovirus)

Herpes simplex –

Mucocutaneous – primary and extensive or disseminated

Mucocutaneous – recurrent

Neonatal

Type 1 (HSV-1) – gingivostomatitis, mucocutaneous

Herpes zoster

Histoplasmosis (*Histoplasma capsulatum*)

Human immunodeficiency virus (HIV)

Human metapneumovirus (HMPV)

I

Impetigo – (*Staphylococcus aureus*, *Streptococcus* Group A – many other bacteria)

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Influenza – new pandemic strain

Influenza – seasonal

Invasive GAS (iGAS)

J

No organisms at this time

K

Klebsiella spp., MDR – see multidrug-resistant (MDR) gram-negative bacilli

L

Lassa fever (Lassa virus)

Legionella (*Legionella* spp.) – Legionnaires' disease

Leprosy (*Mycobacterium leprae*) – (Hansen's disease)

Leptospirosis (*Leptospira* spp.)

Lice

Listeriosis (*Listeria monocytogenes*)

Lyme disease (*Borrelia burgdorferi*)

Lymphocytic choriomeningitis (LCM) virus

M

Malaria (*Plasmodium* spp.)

Marburg virus

Measles

Meningitis

Metapneumovirus

Methicillin-resistant *Staphylococcus aureus* (MRSA)

MERS CoV – (Middle East respiratory syndrome, severe acute respiratory syndrome, SARS CoV, coronavirus)

Molluscum contagiosum (molluscum contagiosum virus)

Monkey pox

Mononucleosis

Morganella spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Mucormycosis (phycomycosis, zygomycosis) – (*Mucor* spp., *Zygomycetes* spp., *Rhizopus* spp.)

Multidrug-resistant (MDR)* gram-negative bacilli

Mumps (mumps virus) – known case, exposed susceptible

Mycobacterium tuberculosis

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Mycobacterium – non-tuberculosis (atypical) (e.g., *Mycobacterium avium* complex)

Mycoplasma pneumoniae

N

2019-nCov

Necrotizing enterocolitis

Necrotizing fasciitis

Neisseria gonorrhoeae

Neisseria meningitidis (Meningitis or Invasive Meningococcal Disease)

Nocardiosis (*Nocardia* spp.)

Norovirus

Novel Coronavirus (COVID-19)

O

Orf – parapoxvirus

Otitis, draining (*Streptococcus* Group A, *Staphylococcus aureus*, many other bacteria)

P

Parainfluenza virus

Parvovirus B19 – Fifth disease, erythema infectiosum (rash), aplastic crisis

Pediculosis (Lice) – (*Pediculus humanus*, *Phthirus pubis*)

Pertussis

Pharyngitis – (*Streptococcus* Group A, *Corynebacterium diphtheriae*, many viruses)

Plague – bubonic (*Yersinia pestis*)

Plague – pneumonic (*Yersinia pestis*)

Pleurodynia (enterovirus, coxsackievirus)

Pneumocystis jiroveci pneumonia (PJP) – formerly known as *P. carinii* (PCP)

Pneumonia – bacterial or viral infection

Poliomyelitis

Proteus spp., MDR – see multidrug-resistant (MDR) gram-negative bacilli

Providencia spp., MDR – see multidrug-resistant (MDR) gram-negative bacilli

Pseudomembranous colitis

Pseudomonas aeruginosa (Metallo-carbapenemase producing**)

Psittacosis (ornithosis) – (*Chlamydia psittaci*)

Q

Q fever (*Coxiella burnetii*)

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R

Rabies

Rash, petechial or purpuric – (potential pathogen *Neisseria meningitidis*)

Rash, vesicular – (potential pathogen Varicella virus)

Rat-bite fever –

Actinobacillus – (formerly *Streptobacillus moniliformis*)

Spirillum minus

Relapsing fever (*Borrelia* spp.)

Rhinovirus

Rickettsialpox (*Rickettsia akari*)

Ringworm (tinea) – (*Trichophyton* spp., *Microsporum* spp., *Epidermophyton* spp.)

Rocky mountain spotted fever (*Rickettsia rickettsii*)

Roseola infantum – Human Herpes virus 6 (HHV6)

Rotavirus

RSV – Respiratory Syncytial Virus

Rubella (German measles) –

Exposed susceptible contact

Acquired

Congenital

Rubeola (measles) – exposed susceptible contact

S

Salmonella (*Salmonella* spp.)

SARS CoV – (severe acute respiratory syndrome, Coronavirus)

Scabies (*Sarcoptes scabiei*), Rash – compatible with scabies (Ectoparasite)

Scarlet fever

Schistosomiasis (*Schistosoma* spp.)

Septic arthritis – (*Haemophilus influenzae* type B [HIB] [possible in non-immune child <5 years of age], *Streptococcus* Group A, *Staphylococcus aureus*, many other bacteria)

Shigella (*Shigella* spp.)

Shingles

Smallpox (variola major virus, variola minor virus)

Sporotrichosis (*Sporothrix schenckii*)

Staphylococcus aureus – MRSA

Staphylococcus aureus – not MRSA, and other *Streptococci*, excluding Group A

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Pneumonia
Skin infection
Staphylococcal scalded skin syndrome (Ritter's disease)

Stenotrophomonas maltophilia
Streptococcus pyogenes
Streptococcus Group A (GAS)
Streptococcus, Group B (*Streptococcus agalactiae*)
Streptococcus pneumoniae
Strongyloidiasis (*Strongyloides stercoralis*)
Syphilis (*Treponema pallidum*)

T

Tapeworm (*Taenia saginata*, *Taenia solium*, *Diphyllobothrium latum*, *Hymenolepis nana*)
Tetanus (*Clostridium tetani*)
Toxic shock syndrome
Toxocariasis (*Toxocara canis*, *Toxocara cati*)
Toxoplasmosis (*Toxoplasma gondii*)
Trachoma (*Chlamydia trachomatis*)
Trench fever (*Bartonella quintana*)
Treponema pallidum
Trichinosis (*Trichinella spiralis*)
Trichomoniasis (*Trichomonas vaginalis*)
Trichuriasis – whipworm (*Trichuris trichiura*)
Tuberculosis (TB) –
 Extrapulmonary (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)
 Pulmonary disease (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)
 Non-pulmonary
Tularemia (*Francisella tularensis*)
Typhoid or paratyphoid fever (*Salmonella typhi*, *Salmonella paratyphi*)
Typhus fever (*Rickettsia typhi*, *Rickettsia prowazekii*)

U

Urinary tract infection

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V

Vancomycin-intermediate *Staphylococcus aureus* (VISA)

Vancomycin-resistant *Enterococcus* (VRE)

Vancomycin-resistant *Staphylococcus aureus* (VRSA)

Varicella zoster virus – Chickenpox

Chickenpox – exposed susceptible contact

Chickenpox – known case

Varicella zoster virus – Herpes Zoster: Shingles

Shingles – disseminated Shingles

Shingles – exposed susceptible contact

Shingles – immunocompromised resident, localized (1 or 2 dermatomes)

Shingles – localized (1 or 2 dermatomes AND lesions that CANNOT be covered with dressings or clothing)

Shingles – localized (1 or 2 dermatomes AND lesions that CAN be covered with dressings or clothing)

Viral Hemorrhagic Fever (VHS)

W

West Nile (West Nile virus)

Western equine encephalitis

Whooping cough

Wound infection – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

X

No organisms at this time

Y

Yaws (*Treponema pallidum*)

Yellow fever

Yersinia enterocolitica, *Yersinia pseudotuberculosis*

Z

Zika virus (*Flavivirus*)

Zoster

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A

Abscess – (various organisms)

Acinetobacter–multidrug-resistant (MDRA)

Acquired Immunodeficiency Syndrome (AIDS)

Actinomycosis (*Actinomyces* spp.)

Adenovirus spp. –

Conjunctivitis

Cystitis

Gastroenteritis

Respiratory tract infection

Aeromonas spp.

AmpC

Amebiasis – diarrhea (*Entamoeba histolytica*)

Anthrax – laboratory confirmed, probable or suspect case based on clinical symptoms (*Bacillus anthracis*)

Antibiotic-resistant organisms (ARO) –

Carbapenemase-producing organisms (CPO)

Extended-spectrum Beta-lactamase producers (ESBL) – *E. coli*, *Klebsiella* spp., others

Methicillin-resistant *Staphylococcus aureus* (MRSA)

Vancomycin-intermediate *Staphylococcus aureus* (VISA)

Vancomycin-resistant *Enterococcus* (VRE)

Vancomycin-resistant *Staphylococcus aureus* (VRSA)

Arthropod-borne virus (Arboviruses)

Ascariasis (*Ascaris* spp.) –

Roundworm – ascariasis

Hookworm – (*Necator americanus*, *Ancylostoma duodenale*)

Aspergillosis (*Aspergillus* spp.)

Astrovirus – diarrhea

Avian influenza

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| | |
|---|--|
| Suspected/Known Disease or Microorganism Abscess – (various organisms) | |
| Clinical Presentation Abscess | |
| Infectious Substances Wound drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until drainage resolved or contained by dressing | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

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| | |
|--|---|
| Suspected/Known Disease or Microorganism <i>Acinetobacter</i>–multidrug-resistant (MDRA)** | |
| Clinical Presentation Colonization or infection at any body site | |
| Infectious Substances Infected or colonized secretions/excretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Contact Precautions |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability While organism is present |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <p>**<i>Acinetobacter</i> is classified as MDRA if it is resistant to all agents in at least 3 antimicrobial classes, including cephalosporins and/or carbapenems.</p> | |

References: [CDC \(2006\)](#) [PHAC \(2012\)](#) [Manchanda et al. \(2010\)](#)

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| | |
|--|---|
| Suspected/Known Disease or Microorganism Acquired Immunodeficiency Syndrome (AIDS) | |
| Clinical Presentation Asymptomatic; multiple clinical presentations | |
| Infectious Substances Blood and certain body fluids | How it is Transmitted Mucous membranes or exposure to infected blood or body fluids, sexually transmitted |
| Precautions Needed | Routine Practices |
| Duration of Additional Precautions Not applicable | |
| Incubation Period Weeks to years | Period of Communicability From onset of infection |
| Comments <ul style="list-style-type: none"> If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations | |

References: [CDC \(2007\)](#)

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| | |
|--|--|
| Suspected/Known Disease or Microorganism Actinomycosis (<i>Actinomyces</i> spp.) | |
| Clinical Presentation Cervicofacial, thoracic or abdominal infection | |
| Infectious Substances Endogenous flora | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Normal flora • Infection is usually secondary to trauma | |

References: [PHAC \(2012\)](#)

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| | | |
|--|---|---|
| Suspected/Known Disease or Microorganism | | <u>Conjunctivitis</u> <u>Cystitis</u> <u>Gastroenteritis</u> Respiratory tract infection |
| Adenovirus spp. – | | |
| Clinical Presentation | | |
| Conjunctivitis: | Swelling, redness and soreness of the whites of the eyes, watery discharge, itching | |
| Cystitis: | Pain/burning during urination, frequency, urgency, suprapubic/back pain | |
| Gastroenteritis: | Diarrhea | |
| Respiratory tract infection: | Fever, cough, runny nose, sore throat, pneumonia | |
| Infectious Substances | How it is Transmitted | |
| Excretions and secretions | Large droplet (respiratory tract infection), Direct contact and indirect contact | |
| Precautions Needed* | | |
| Conjunctivitis: | Contact Precautions | |
| Cystitis: | Routine Practices | |
| Gastroenteritis: | Contact Precautions | |
| ADULT | If resident <ul style="list-style-type: none">• is incontinent• has stools that cannot be contained• has poor hygiene and may contaminate his/her environment | |
| PEDIATRIC | Contact Precautions | |

(Continued on next page)

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| | | |
|---|--|--|
| Suspected/Known Disease or Microorganism Adenovirus spp. – | | <u>Conjunctivitis</u> Cystitis <u>Gastroenteritis</u> Respiratory tract infection |
| Precautions Needed* <i>(Continued from previous page)</i> | | |
| Respiratory tract infection: | | <div style="border: 1px solid orange; padding: 2px; display: inline-block;">Droplet and Contact Precautions</div> Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)ws.**</u> |
| Duration of Precautions | | |
| Conjunctivitis: | | Until symptoms resolve |
| Cystitis: | | Not applicable |
| Gastroenteritis: | | Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene |
| Respiratory tract infection: | | Resolution of acute respiratory infection symptoms or return to baseline |
| Incubation Period Late in incubation period until 14 days after onset | | Period of Communicability Until acute symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Note that different strains are responsible for each disease condition For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

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| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Aeromonas</i> spp. | |
| Clinical Presentation Diarrhea (sometimes called Traveler's Diarrhea) | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div>Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 3-10 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

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| | |
|--|---|
| Suspected/Known Disease or Microorganism Amebiasis – diarrhea (<i>Entamoeba histolytica</i>) | |
| Clinical Presentation Dysentery, diarrhea and liver abscesses | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period Days to weeks | Period of Communicability Until symptoms resolve |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Transmission in setting for the mentally challenged and in a family group has been reported • Use care when handling diapered infants and mentally challenged persons | |

References: [PHAC \(2012\)](#), [CDC \(2015\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 23

| | |
|--|--|
| Suspected/Known Disease or Microorganism Anthrax – laboratory confirmed, probable or suspect case based on clinical symptoms (<i>Bacillus anthracis</i>) | |
| Clinical Presentation Skin lesions or pulmonary symptoms (shortness of breath, discomfort during breathing), fever, loss of appetite, vomiting and diarrhea | |
| Infectious Substances Soil and animals, including livestock; lesion drainage (very rare) <i>Bacillus anthracis</i> spores that are dormant in the environment. Enter animal or human bodies to become activated. | How it is Transmitted No person-to-person transmission, only direct contact from infected animals, animal products or source of spores. Direct Contact: Ingestion of food or drink with spores. Pulmonary inhalation of spores from bioterrorism. Spore entry via cuts/opening in the skin. |
| Precautions Needed | <div style="border: 1px solid black; padding: 5px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 1-7 days May be up to 60 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Physician to notify Medical Officer of Health of case by fastest means possible • Decontamination and post exposure prophylaxis is necessary for exposure to aerosols in the Laboratory setting or from biological bioterrorism • If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#), [CDC \(July 2017\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 24

| | |
|--|--|
| Suspected/Known Disease or Microorganism Antibiotic-resistant organisms (ARO) – <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <u>Carbapenemase-producing organisms (CPO)</u> <u>Methicillin-resistant Staphylococcus aureus (MRSA)</u> </div> <div style="width: 48%;"> <u>Vancomycin-intermediate Staphylococcus aureus (VISA)</u> <u>Vancomycin-resistant Enterococcus (VRE)</u> <u>Vancomycin-resistant Staphylococcus aureus (VRSA)</u> </div> </div> | |
| Clinical Presentation Infection or colonization of any body site | |
| Infectious Substances Infected or colonized secretions/excretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Additional Precautions for ARO Positive Residents in Continuing Care |
| Duration of Precautions Residents must be reassessed regularly and as conditions and behaviours change Additional precautions for ARO positive residents in continuing care may be discontinued when resident is cooperative with hygiene practices and drainage and body fluids are contained. If needed, consult IPC or Zone Medical Officer of Health (MOH) or designate for assistance determining when to discontinue additional precautions for ARO positive resident | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments <p>*Precautions required are in addition to Routine Practices</p> <ul style="list-style-type: none"> • See specific organism once identified • <u>Extended-spectrum Beta-lactamase producers</u> - (ESBL) only requires contact precautions for clusters or outbreaks. | |

References: [PHAC \(2012\)](#),

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 25

| | |
|---|---|
| Suspected/Known Disease or Microorganism Arthropod-borne virus (Arboviruses) | |
| Clinical Presentation Encephalitis, fever, rash, arthralgia meningitis | |
| Infectious Substances Not applicable | How it is Transmitted Insect borne (vector) Rare person-to-person transmission by transfusion, and for West Nile virus by organ transplant, breast milk or transplacentally. |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable 3-21 days | Period of Communicability |
| Comments <ul style="list-style-type: none"> • Several hundred different viruses exist. Most are limited to specific geographic areas. • Most common North American diseases caused by Arboviruses: <ul style="list-style-type: none"> • Colorado tick fever (reovirus) • West Nile encephalitis (flavivirus) • Other North American Diseases caused by Arboviruses: <ul style="list-style-type: none"> • California encephalitis (bunyavirus) • St. Louis encephalitis (flavivirus) • Western equine encephalitis (alphavirus) • Eastern equine encephalitis (alphavirus) • Powassan encephalitis (flavivirus) | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 26

| | | |
|--|--|---|
| Suspected/Known Disease or Microorganism Ascariasis (<i>Ascaris</i> spp.) – | | Roundworm – ascariasis Hookworm – (<i>Necator americanus</i>, <i>Ancylostoma duodenale</i>) |
| Clinical Presentation Usually asymptomatic | | |
| Infectious Substances | | |
| Roundworm: | | Contaminated soil or water |
| Hookworm: | | Larvae in soil |
| How it is Transmitted | | |
| Roundworm: | | Ingestion of infective eggs/larvae No person-to-person transmission |
| Hookworm: | | Acquired from larvae in soil, feces, and other contaminated surfaces through exposed skin, oral ingestion and from mother to fetus / infant No person-to-person transmission |
| Precautions Needed | | Routine Practices |
| Duration of Precautions Not applicable | | |

(Continued on next page)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 27

| | | |
|---|----------------------------|--|
| Suspected/Known Disease or Microorganism Ascariasis (<i>Ascaris</i> spp.) – <i>(Continued from previous page)</i> | | Roundworm – ascariasis Hookworm – (<i>Necator americanus</i>, <i>Ancylostoma duodenale</i>) |
| Incubation Period | Roundworm: 2-8 days | |
| | Hookworm: 4-6 weeks | |
| Period of Communicability | | |
| Not applicable | | |
| Comments <ul style="list-style-type: none">Ova must hatch in soil to become infectious | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#), [CDC \(2018\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 28

| | |
|--|---|
| Suspected/Known Disease or Microorganism Aspergillosis (<i>Aspergillus</i> spp.) | |
| Clinical Presentation Infection of skin, lung, wound or central nervous system | |
| Infectious Substances Ubiquitous in nature, particularly in decaying material and in soil, air, water and food | How it is Transmitted Inhalation of airborne spores No person-to-person transmission |
| Precautions Needed* | Routine Practices |
| | Airborne and Contact Precautions If massive soft tissue infection with copious drainage and repeated irrigations required |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> Spores may be present in dust; infection in immunocompromised residents have been associated with exposure to construction dust. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 29

| | |
|---|--|
| Suspected/Known Disease or Microorganism Astrovirus – diarrhea | |
| Clinical Presentation Diarrhea | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div>Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 3 – 4 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 30

| | |
|--|---|
| Suspected/Known Disease or Microorganism Avian influenza | |
| Clinical Presentation Respiratory tract infection, conjunctivitis | |
| Infectious Substances Excreta of birds Possibly human respiratory tract secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)**</u> |
| Duration of Precautions Until acute symptoms resolve. In the case of outbreak, residents are to remain on precautions for 5 days from the onset of acute illness OR until they are over the acute illness and have been afebrile X 48 hours, as indicated by <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u> . | |
| Incubation Period 7 days or less, often 2-5 days | Period of Communicability Unknown |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> Contact Infection Prevention and Control for discontinuation of precautions Most human infections by animal/bird influenza viruses are thought to result from direct contact with infected birds/animals For current information on Avian influenza, see Human Health Issues Related to Domestic Avian Influenza in Canada available at http://www.phac-aspc.gc.ca/influenza/index-eng.php http://www.phac-aspc.gc.ca/publicat/daio-enia/9-eng.php <p>** For complete list of <u>AGMPs</u></p> | |

References: [PHAC \(2012\)](#), [CDC \(2017\)](#)

Aerosol-Generating Medical Procedure (AGMP)

General Information

This list of procedures was reviewed by an expert working group made up of infection prevention and control physicians, workplace health and safety physicians, infection prevention and control professionals, epidemiologists and respiratory therapists.

- Prior to each patient interaction, the healthcare provider must assess the task, the patient, and the environment by performing a [Point of Care Risk Assessment \(PCRA\)](#).
- AGMP require an N95 respirator if the patient has influenza-like illness (ILI) of unknown etiology; or confirmed infection with Influenza A or B, MERS-CoV, COVID-19, avian influenza, or other emerging/novel respiratory pathogens; or suspected or confirmed viral hemorrhagic fever.

For a complete list of AGMP and non-AGMP procedures, refer to the [Aerosol-Generating Medical Procedure Guidance Tool](#)

Precautions Needed –

In addition to Routine Practices

Droplet and Contact Precautions

Replace surgical/procedure mask with a fit-tested N95 respirator for AGMP procedure

Refer to [Aerosol Generating Medical Procedures \(AGMP\) in Progress Sign](#)

- Place patient in a private room with hard walls and a door; close door to reduce traffic into the room.
- If available within the care unit, place patient in airborne isolation room (AIR); transport of patient to access AIR is not advisable.
- Ask visitors and non-essential staff to leave the room.
- Replace the surgical/procedure mask with a fit-tested N95 respirator during the AGMP.
- There is no settle time required after AGMP is complete.

Duration of use of N95 –

Until AGMP is complete

Note: Any other additional precautions that have been instituted (e.g., droplet, droplet and contact) are to be continued based on symptoms and/or diagnosis.

B

Bedbugs (*Cimex lectularius*, *C. hemipterus*)

BK Virus

Blastomycosis – pneumonia (*Blastomyces dermatitidis*), skin lesions

Bordetella pertussis – (whooping cough, pertussis)

Botulism (*Clostridium botulinum*)

Bronchiolitis – (frequently caused by Respiratory Syncytial Virus)

Brucellosis – undulant fever, Malta fever, Mediterranean fever

Burkholderia cepacia complex–

Non-respiratory infections

Non-respiratory infections in high risk patients (Burn unit, BMT/Oncology Unit, ICU, CVICU)

Respiratory Infection

Burkholderia pseudomallei (Meliodosis) – (aka Whitmore’s disease)

Burns (infected) – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 33

| | |
|---|--|
| Suspected/Known Disease or Microorganism Bedbugs (<i>Cimex lectularius</i>, <i>C. hemipterus</i>) | |
| Clinical Presentation Small, hard, swollen, white welts that become inflamed and itchy. Bites are usually in rows. | |
| Infectious Substances Bed clothes, mattresses, headboards, dresser tables, clothing, soft toys, suitcases, purses. Tend to hide in items that are within 2.5M/8ft of where people sleep and come out of hiding after dark. | How it is Transmitted Insect borne Direct contact and indirect contact No person-to-person transmission, but requires direct personal contact with infested material |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Not applicable Bites may take 1–14 days to appear | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> If it becomes apparent that a resident has bedbugs at home or they are visible on admission, have all belongings that are potentially infested (see Infectious Substances above) placed in sealed plastic bags or taken straight home. Refer to the <u>Bedbug Management Protocol for Healthcare Workers</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 34

| | |
|--|--|
| Suspected/Known Disease or Microorganism BK Virus | |
| Clinical Presentation Fever and non-specific respiratory infection and hemorrhagic and non-hemorrhagic cystitis, pneumonitis, encephalitis, and hepatitis in <u>immunocompromised residents</u> . Possible neoplastic agent. | |
| Infectious Substances Respiratory secretions, transplacental, infected transplanted kidney organs | How it is Transmitted Direct contact and indirect contact Mother to fetus in utero Transplanted organs |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Exhibits primary infection in early childhood and latent infection later in life | Period of Communicability Not applicable |
| Comments | |

References: [IDSA \(July 2001\)](#), [Harvard \(2002\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 35

| | |
|---|--|
| Suspected/Known Disease or Microorganism Blastomycosis – pneumonia (<i>Blastomyces dermatitidis</i>), skin lesions | |
| Clinical Presentation Respiratory infection (fever, cold-like symptoms: cough, runny nose, sore throat); pneumonia (shortness of breath, discomfort during breathing). Skin lesions may develop when the infection disseminates from the lungs. Skin lesions can be nodular, verrucous or ulcerative and typically appear on the face or distal extremities. | |
| Infectious Substances Spores from moist soil | How it is Transmitted Inhalation of spore-laden dust No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 21-105 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 36

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Bordetella pertussis</i> – (whooping cough, pertussis) | |
| Clinical Presentation Irritating, violent coughing without inhalation followed by high pitched crowing or “whoop”, vomiting after coughing, non-specific respiratory tract infection in infants | |
| Infectious Substances Respiratory secretions | How it is Transmitted Large droplets |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions Until 3 weeks after onset of paroxysms if not treated or until after 5 days of effective antimicrobial treatment | |
| Incubation Period Average 9-10 days; range of 6-20 days | Period of Communicability At onset of mild respiratory tract symptoms (catarrhal stage) until 3 weeks after onset of paroxysms or coughing if not treated |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Consult physician regarding chemoprophylaxis for close contacts | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 37

| | |
|--|---|
| Suspected/Known Disease or Microorganism Botulism (<i>Clostridium botulinum</i>) | |
| Clinical Presentation Nausea, vomiting, diarrhea, flaccid paralysis, cranial nerve palsies | |
| Infectious Substances Toxin producing spores in soil, agricultural products, honey, and animal intestine | How it is Transmitted Ingestion of spores/toxin in contaminated food; wounds contaminated by soil No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Physician to notify Medical Officer of Health of case by fastest means possible May be bioterrorism related | |

References: [PHAC \(2012\)](#)

| | |
|---|---|
| Suspected/Known Disease or Microorganism Bronchiolitis – (frequently caused by Respiratory Syncytial Virus) | |
| Clinical Presentation Fever, cough, runny nose, sore throat | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| Bacterial: | Routine Practices |
| ADULT Viral or Unknown: | Droplet and Contact Precautions |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period Variable | Period of Communicability Until acute symptoms resolve |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Contact Infection Prevention and Control for cohorting considerations - may cohort individuals infected with the same virus • Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#)

| | |
|---|--|
| Suspected/Known Disease or Microorganism Brucellosis – undulant fever, Malta fever, Mediterranean fever | |
| Clinical Presentation Continued, intermittent or irregular fever, headache, weakness, profuse sweating, arthralgia | |
| Infectious Substances Infected animals and tissues such as cattle, sheep, goats, bison, wild hogs, elk, moose and camels and their byproducts such as milk, feces | How it is Transmitted Possible direct contact Acquired from contact through breaks in skin tissues with infected animals or ingestion of unpasteurized dairy products from infected animals Rarely person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Weeks to months | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2010\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 40

| | |
|--|--|
| Suspected/Known Disease or Microorganism <i>Burkholderia cepacia</i> complex– | |
| | Non-respiratory infections Non-respiratory infections in high risk residents (Burn unit, BMT/Oncology unit, ICU, CVICU) Respiratory Infection |
| Clinical Presentation | |
| Non-Respiratory infections: | Based on site of infection. Clinical symptoms may vary including skin and soft-tissue infections, surgical wound infections and UTI infections |
| Respiratory infections: | Exacerbation of chronic lung disease in residents with cystic fibrosis |
| Infectious Substances | |
| Non-Respiratory infections: | Potentially skin and body fluids |
| Respiratory infections: | Respiratory secretions |
| How it is Transmitted | |
| Non-Respiratory infections: | Direct contact and indirect contact |
| Respiratory infections: | Direct contact and indirect contact and large droplets |
| Precautions Needed* | |
| Non-Respiratory infections: | Routine Practices |
| Non-Respiratory infections in high risk residents: | Contact Precautions |
| Respiratory infections: (Continued on next page) | Droplet and Contact Precautions |

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 41

| | | |
|---|--|---|
| Suspected/Known Disease or Microorganism <i>Burkholderia cepacia</i> complex– (continued from previous page) | | Non-respiratory infections Non-respiratory infections in high risk patients (Burn unit, BMT/Oncology Unit, ICU, CVICU) Respiratory Infection |
| Duration of Precautions | | |
| Non-Respiratory infections: | | Not applicable |
| Non-Respiratory infections in high risk residents: | | As directed by Infection Prevention and Control |
| Respiratory infections: | | As directed by Infection Prevention and Control |
| Incubation Period Variable | | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Causes infection only in individuals with cystic fibrosis (CF) or chronic granulomatous disease (CGD) Do not room with resident with cystic fibrosis (CF) who is not infected or colonized with <i>Burkholderia cepacia</i> | | |

References: [CDC \(2007\)](#), [Govan JR, Brown PH, Maddison J, et al. \(1993\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 42

| | |
|--|---|
| Suspected/Known Disease or Microorganism <i>Burkholderia pseudomallei</i> (Meliodosis) – (aka Whitmore’s disease) | |
| Clinical Presentation Ac or localized infections including ulcers, skin abscesses, pulmonary infections (bronchitis and pneumonia), bloodstream and disseminated infections (abscess formation in multiple organs) | |
| Infectious Substances Contaminated soil and water | How it is Transmitted Inhalation or ingestion of contaminated soil, dust or water or contact through skin abrasions or openings No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1-21 days but in some cases as long as years | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> <i>Burkholderia pseudomallei</i> is predominately found in tropical regions such as SE Asia and Northern Australia Incubation period can depend on inoculum - a high inoculum symptoms can develop in a few hours | |

References: [PHAC \(2012\)](#), [CDC \(2016\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 43

| | |
|---|--|
| Suspected/Known Disease or Microorganism Burns (infected) – (<i>Staphylococcus aureus</i>, <i>Streptococcus</i> Group A, many other bacteria) | |
| Clinical Presentation Local signs may include purulent drainage, conversion of a partial-thickness injury to a full-thickness wound, worsening cellulitis of surrounding normal tissue or lab results indicating infection. | |
| Infectious Substances Wound drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until drainage resolved or contained by dressing | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#)

C

Calicivirus (family of viruses that contain norovirus –also known as Norwalk or Norwalk-like virus)

Campylobacter jejuni

Candida auris multidrug-resistant

Candidiasis (*Candida* spp.)

Carbapenemase-producing organisms (CPO) – also known as Carbapenem-resistant Enterobacteriaceae (CRE) or Carbapenem-resistant organism (CRO)

Cat-scratch fever (*Bartonella henselae*)

Cellulitis – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

Chancroid (*Haemophilus ducreyi*)

Chickenpox

Chikungunya virus (Arbovirus CHIKV)

Chlamydia (*Chlamydia trachomatis*) – Lymphogranuloma venereum

Cholera (*Vibrio cholerae*)

Citrobacter spp., MDR – Carbapenemase-producing organisms (CPO), ESBL or AmpC producing

Clostridium difficile infection (CDI)

Clostridium perfringens – food poisoning

Clostridium perfringens – gas gangrene

Coccidioidomycosis (*Coccidioides immitis*)

Congenital rubella

Conjunctivitis – pink eye; bacterial and viral

Coronavirus – (Severe acute respiratory syndrome, SARS CoV, Middle East respiratory syndrome, MERS CoV)

Coronavirus – not SARS

Corynebacterium diphtheriae –

 Toxigenic strain

 Non-toxigenic strain

 Diphtheria – cutaneous or pharyngeal

Cough, Fever, Acute upper respiratory tract infection –

 Rhinovirus

 Respiratory syncytial virus, [RSV]

 Parainfluenza virus

 Influenza

IPC Diseases and Conditions Table Recommendations for Management of Residents Continuing Care | 45

Adenovirus

Coronavirus

Bordetella pertussis

Mycoplasma pneumoniae

Cough, Fever, pulmonary infiltrates in person at risk for tuberculosis (*Mycobacterium tuberculosis*)

COVID-19

Coxsackievirus disease (Enterovirus and *picornaviridae*) – Hand-foot-mouth disease

Creutzfeldt-Jakob disease – classic (CJD) and variant (vCJD)

Crimean-Congo hemorrhagic fever (arbovirus)

Croup –

Haemophilus influenzae

Mycoplasma pneumoniae

Adenoviruses

Respiratory Syncytial Virus, [RSV]

Influenza virus

Parainfluenza virus

Measles virus

Human metapneumovirus

Cryptococcosis (*Cryptococcus neoformans*)

Cryptosporidiosis (*Cryptosporidium parvum*)

Cyclosporiasis (*Cyclospora cayetanensis*)

Cytomegalovirus

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 46

| | |
|--|--|
| Suspected/Known Disease or Microorganism Calicivirus (family of viruses that contain norovirus – also known as Norwalk or Norwalk-like virus) | |
| Clinical Presentation Acute onset nausea, vomiting, diarrhea | |
| Infectious Substances Feces, emesis/vomit | How it is Transmitted Direct contact, indirect contact (fecal-oral), and large droplets (vomiting) |
| Precautions Needed* | Contact Precautions |
| | Droplet and Contact Precautions if resident is actively vomiting |
| Duration of Precautions | |
| ADULT | Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement |
| PEDIATRIC | Extend duration of isolation to 5 days after resolution of symptoms in children |
| Incubation Period 12 hours-4 days | Period of Communicability Duration of viral shedding, usually 48 hours after diarrhea resolves |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> Common causes of outbreaks. Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 47

| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Campylobacter jejuni</i> | |
| Clinical Presentation Diarrhea (possibly bloody), abdominal pain and fever | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral), and ingestion of contaminated food and water |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 2-5 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 48

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Candida auris</i> multidrug-resistant | |
| Clinical Presentation Infection or colonization at any body site | |
| Infectious Substances Skin, infected or colonized secretions, excretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Contact Precautions Sporicidal Cleaning |
| Duration of Precautions At least 2 negative specimens collected at least 1 week apart from all previously positive sites are needed before discontinuing precautions. The resident should not be on antifungal medications active against <i>C. auris</i> at the time of these assessments (wait 1 week following antifungal treatment). Assessments should involve testing swabs of the axilla, groin and sites yielding <i>C. auris</i> on previous cultures. Contact Infection Prevention and Control for discontinuation of precautions. | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> <i>C. auris</i> can be misidentified by commercial identification systems such as Vitek-2 and API-20C, <i>C. auris</i> can be correctly identified by MALDI-TOF. | |

References: [Schwartz, I. S., & Hammond, G. W. \(2017\). First reported case of multidrug-resistant *Candida auris* in Canada. *Canada Communicable Disease Report*, 43\(7/8\), 150.](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 49

| | |
|---|--|
| Suspected/Known Disease or Microorganism Candidiasis (<i>Candida</i> spp.) | |
| Clinical Presentation Mucocutaneous lesions, systemic disease | |
| Infectious Substances Mucocutaneous secretions and excretions | How it is Transmitted Not applicable |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments Refer to specific page, if organism is identified as <u><i>Candida auris</i> multidrug-resistant</u> | |

References: [CDC \(2007\)](#)

| | | | | | | | | | | | | | |
|--|--|---------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|----------------------------------|--------------------|--|-----------------------------------|--|
| Suspected/Known Disease or Microorganism Carbapenemase-producing organisms (CPO) – also known as Carbapenem-resistant Enterobacteriaceae (CRE) or Carbapenem-resistant organism (CRO) Gram negative bacilli including the following but not exclusive: <table><tr><td><u><i>E. coli</i></u>,</td><td><u><i>Providencia spp.</i></u>,</td><td><u><i>Morganella spp.</i></u>,</td></tr><tr><td><u><i>Klebsiella spp.</i></u>,</td><td><u><i>Proteus spp.</i></u>,</td><td><u><i>Salmonella spp.</i></u>,</td></tr><tr><td><u><i>Serratia spp.</i></u>,</td><td><u><i>Citrobacter spp.</i></u>,</td><td><i>Hafnia spp.</i></td></tr><tr><td></td><td><u><i>Enterobacter spp.</i></u>,</td><td></td></tr></table> | | <u><i>E. coli</i></u> , | <u><i>Providencia spp.</i></u> , | <u><i>Morganella spp.</i></u> , | <u><i>Klebsiella spp.</i></u> , | <u><i>Proteus spp.</i></u> , | <u><i>Salmonella spp.</i></u> , | <u><i>Serratia spp.</i></u> , | <u><i>Citrobacter spp.</i></u> , | <i>Hafnia spp.</i> | | <u><i>Enterobacter spp.</i></u> , | |
| <u><i>E. coli</i></u> , | <u><i>Providencia spp.</i></u> , | <u><i>Morganella spp.</i></u> , | | | | | | | | | | | |
| <u><i>Klebsiella spp.</i></u> , | <u><i>Proteus spp.</i></u> , | <u><i>Salmonella spp.</i></u> , | | | | | | | | | | | |
| <u><i>Serratia spp.</i></u> , | <u><i>Citrobacter spp.</i></u> , | <i>Hafnia spp.</i> | | | | | | | | | | | |
| | <u><i>Enterobacter spp.</i></u> , | | | | | | | | | | | | |
| Clinical Presentation Infection or colonization of any body site | | | | | | | | | | | | | |
| Infectious Substances Infected or colonized secretions/excretions | How it is Transmitted Direct contact and indirect contact | | | | | | | | | | | | |
| Precautions Needed* | Additional Precautions for ARO Positive Residents in Continuing Care | | | | | | | | | | | | |
| Duration of Precautions As directed by Infection Prevention and Control | | | | | | | | | | | | | |
| Incubation Period Variable | Period of Communicability Variable | | | | | | | | | | | | |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none">• See specific organism once identified• Any of the above listed organisms if they are reported to be resistant to ≥1 carbapenem antibiotic (i.e. at least one of ertapenem, imipenem, meropenem, or doripenem)• Lab report may identify organism as a CPO, MBL | | | | | | | | | | | | | |

References: [CDC \(2011\)](#), [PHAC \(2010\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 51

| | |
|---|---|
| Suspected/Known Disease or Microorganism Cat-scratch fever (<i>Bartonella henselae</i>) | |
| Clinical Presentation Fever, lymphadenopathy (swelling and pain of the lymph nodes with night sweats and weight loss) | |
| Infectious Substances Infected domestic cats | How it is Transmitted Infection occurs via scratch, bite, lick or other exposure to a cat No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 16-22 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 52

| | |
|--|---|
| Suspected/Known Disease or Microorganism Cellulitis – (<i>Staphylococcus aureus</i>, <i>Streptococcus</i> Group A, many other bacteria) | |
| Clinical Presentation Inflammation or infection of cellular or subcutaneous tissue | |
| Infectious Substances Wound drainage if present | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | |
| Minor drainage contained by dressing | Routine Practices |
| Major drainage not contained by dressing | Contact Precautions |
| PEDIATRIC Periorbital cellulitis in children <5 years old may be caused by <i>H. influenzae</i> | Droplet Precautions |
| Duration of Precautions Until drainage resolved or contained by dressings PEDIATRIC Periorbital cellulitis in children <5 years old may be discontinued after 24 hours of effective antimicrobial therapy. | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 53

| | |
|---|--|
| Suspected/Known Disease or Microorganism Chancroid (<i>Haemophilus ducreyi</i>) | |
| Clinical Presentation Genital ulcers, papules or pustules | |
| Infectious Substances Drainage | How it is Transmitted Sexually transmitted |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 3-5 days | Period of Communicability As long as ulcerations remain unhealed |
| Comments <ul style="list-style-type: none"> Chancroid rarely spreads from the genital tract and does not cause systemic disease | |

References: [PHAC \(2012\)](#)

| | |
|---|--|
| Suspected/Known Disease or Microorganism Chikungunya virus (Arbovirus CHIKV) | |
| Clinical Presentation Fever, joint pain, headache, muscle pain, joint swelling and rash | |
| Infectious Substances <i>Aedes albopictus</i> mosquitoes | How it is Transmitted Insect borne No person-to-person transmission |
| Precautions Needed | <div>Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments | |

References: [CDC \(2007\)](#)

| | |
|---|---|
| Suspected/Known Disease or Microorganism Chlamydia (<i>Chlamydia trachomatis</i>) – Lymphogranuloma venereum | |
| Clinical Presentation Genital tract infections (cervicitis, urethritis in females, urethritis, epididymitis in males), pneumonia, conjunctivitis, trachoma, inguinal adenopathy | |
| Infectious Substances Conjunctival and genital secretions | How it is Transmitted Sexually transmitted, mother to newborn at birth Trachoma: Direct contact and indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability As long as organism present in secretions |
| Comments <ul style="list-style-type: none"> Physician to Notify Medical Officer of Health | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 56

| | |
|---|--|
| Suspected/Known Disease or Microorganism Cholera (<i>Vibrio cholerae</i>) | |
| Clinical Presentation Profuse watery diarrhea, nausea with or without vomiting | |
| Infectious Substances Contaminated food or water, feces | How it is Transmitted Direct contact, indirect contact and ingestion of contaminated food or water |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 0.5-5 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible | |

References: [CDC \(2007\)](#), [WHO \(2017\)](#)

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Citrobacter</i> spp., MDR – <u>Carbapenemase-producing organisms (CPO), ESBL or AmpC producing</u> | |
| Clinical Presentation Infection or colonization at any body site | |
| Infectious Substances Infected or colonized secretions, excretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px; display: inline-block;"> Contact Precautions </div> |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Precautions are dependent on organism type and antibiotic susceptibility pattern. • These organisms are considered MDR if they are reported to be resistant to ≥1 carbapenem antibiotic (i.e. at least one of ertapenem, imipenem, meropenem, or doripenem) • Lab report may identify organism as a CPO, MBL | |

References: [PHAC \(2012\)](#)

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Clostridium difficile</i> infection (CDI) – including Pseudomembranous colitis | |
| Clinical Presentation Diarrhea, abdominal cramping and discomfort, toxic megacolon, pseudomembranous colitis. In rare cases, a symptomatic resident will present with ileus or colonic distention. | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Contact Precautions Sporidical Cleaning |
| Duration of Precautions Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement. A negative <i>Clostridium difficile</i> test is not required to discontinue Contact Precautions Sporidical Cleaning . | |
| Incubation Period Variable | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Use soap and water for hand washing, alcohol-based hand rubs are not as effective • Bacterial spores persist in the environment so careful cleaning is required | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#), [Cohen et al. \(2010\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 59

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Clostridium perfringens</i> – food poisoning | |
| Clinical Presentation Gastroenteritis (abdominal pain, severe diarrhea) | |
| Infectious Substances Feces or soil contaminated food | How it is Transmitted Foodborne No person-to-person transmission |
| Precautions Needed | <div>Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 6-24 (typically 8-12) hours | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 60

| | |
|--|---|
| Suspected/Known Disease or Microorganism <i>Clostridium perfringens</i> – gas gangrene | |
| Clinical Presentation Breakdown of muscle tissue (myonecrosis). Severe pain, edema, tenderness, pallor, discoloration, hemorrhagic bullae and production of gas at wound site. | |
| Infectious Substances Feces, soil, water | How it is Transmitted Infection occurs through contamination of wounds (fractures, cuts, bullet wounds) with soil or any foreign material contaminated with <i>C. perfringens</i> No person-to-person transmission |
| Precautions Needed* | Contact Precautions if wound drainage present and not contained by dressing |
| Duration of Precautions If on Contact Precautions , discontinue isolation when drainage resolved or contained by dressing. | |
| Incubation Period 10 hours-5 days | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Clinical manifestations of gas gangrene are caused by exotoxins produced by <i>C. perfringens</i> | |

References: [PHAC \(2011\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 61

| | |
|---|--|
| Suspected/Known Disease or Microorganism Coccidioidomycosis (<i>Coccidioides immitis</i>) | |
| Clinical Presentation Pneumonia, draining lesions | |
| Infectious Substances Spores from soil and dust in endemic areas and exudates from infected host | How it is Transmitted Inhalation of spores No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1-4 weeks | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Transmission occurs by inhalation of spores in soil and dust as well as exudates from infected individuals • Exercise care when changing or discarding dressings, casts or other materials that may be contaminated with exudate | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 62

| | |
|---|---|
| Suspected/Known Disease or Microorganism Congenital rubella | |
| Clinical Presentation Congenital rubella syndrome in the newborn (mild fever, rash with diffuse red spots and skin eruptions of irregular round shapes) | |
| Infectious Substances Urine and nasopharyngeal secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| PRECAUTIONS NEEDED* | Droplet and Contact Precautions |
| Duration of Precautions Precautions will be required during any admission during the first year of life unless nasopharyngeal and urine cultures are done at > 3 months of age and are negative | |
| Incubation Period Not applicable | Period of Communicability Prolonged shedding in respiratory tract and urine can be up to one year |
| Comments *Precautions required are in addition to <u>Routine Practices</u> Important Note: <ul style="list-style-type: none"> • Only immune persons should enter the room • Proof of immunity includes <ul style="list-style-type: none"> ○ written documentation of receipt of > 1 dose of a rubella-containing vaccine administered on or after the first birthday, or ○ laboratory evidence of immunity (IgG); or • Non-immune persons should not enter except in urgent or compassionate circumstances • If immunity is unknown, assume person is non-immune | |

References: [PHAC \(2012\)](#), [WHO \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 63

| | |
|--|---|
| Suspected/Known Disease or Microorganism Conjunctivitis – pink eye: bacterial and viral | |
| Clinical Presentation Swelling of the conjunctiva, redness and soreness of the whites of the eyes, purulent discharge, itching or irritation. Tends to involve only one eye in bacterial conjunctivitis and both eyes in viral conjunctivitis. | |
| Infectious Substances Eye discharge | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | |
| ADULT Bacterial: Viral | <div>Routine Practices</div> <div>Contact Precautions</div> |
| PEDIATRIC Bacterial: Viral: | <div>Contact Precautions</div> <div>Droplet and Contact Precautions if respiratory symptoms present</div> |
| Duration of Precautions | |
| ADULT Bacterial: Not applicable Viral: Until symptoms resolve or a non-viral cause is found | |
| PEDIATRIC Viral: Until symptoms resolve or a non-viral cause is found | |

(Continued on next page)

| | |
|---|---|
| Suspected/Known Disease or Microorganism Conjunctivitis – pink eye: bacterial and viral <i>(Continued from previous page)</i> | |
| Incubation Period Bacterial: Variable Viral: Adenovirus: 2-14 days Picornavirus (Enterovirus 70 or coxsackievirus): 24-48hr | Period of Communicability Bacterial: During active infection Viral: Up to 14 days |
| Comments *Precautions required are in addition to <u>Routine Practices</u> Bacterial: <ul style="list-style-type: none"> Most common bacterial causes are: <i>Staphylococcus aureus</i>, <i>Haemophilus influenzae</i>, <i>Streptococcus pneumoniae</i>, <i>Moraxella catarrhalis</i> Bacterial conjunctivitis is less common in children older than 5 years of age Viral: <ul style="list-style-type: none"> The most common cause of viral conjunctivitis is Adenovirus, followed by Picornavirus, Rubella, Rubeola and Herpesviruses. See <u>Adenovirus – Conjunctivitis</u> for more information See <u>Enterovirus</u> for more information See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 65

| | |
|--|---|
| Suspected/Known Disease or Microorganism Coronavirus – <u>(Severe acute respiratory syndrome, SARS CoV, Middle East respiratory syndrome, MERS CoV)</u> | |
| Clinical Presentation Fever cough, runny nose, sore throat, body aches, pneumonia (shortness of breath, discomfort during breathing) | |
| Infectious Substances Respiratory secretions and exhaled droplets and airborne particles | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | <u>Droplet and Contact Precautions</u> Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)</u> For more information refer to <u>Interim Guidance-Novel Coronavirus</u> |
| Duration of Precautions Duration of precautions will be determined on a case-by-case basis and in conjunction with Infection Prevention and Control, and the Medical Officer of Health. | |
| Incubation Period 3-10 days | Period of Communicability Unknown / variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Contact Infection Prevention and Control for discontinuation of precautions • Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Immunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding. ** <i>For complete list of AGMPs</i> | |

References: [PHAC \(2016\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 66

| | |
|---|--|
| Suspected/Known Disease or Microorganism Coronavirus – not SARS | |
| Clinical Presentation Sore throat, runny nose, coughing, sneezing | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and possible large droplets |
| Precautions Needed* | Droplet and Contact Precautions |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period 2-4 days | Period of Communicability Duration of symptoms |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> Contact Infection Prevention and Control for discontinuation of additional precautions <p>For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u></p> <ul style="list-style-type: none"> Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 67

| | |
|--|--|
| Suspected/Known Disease or Microorganism | |
| <i>Corynebacterium diphtheriae</i> | Toxigenic strain |
| – | Non-toxigenic strain |
| | Diphtheria – cutaneous or pharyngeal |
| Clinical Presentation | |
| Non-toxigenic strain: | Skin or nasopharyngeal ulcerative lesion (lesions are asymmetrical with grayish white membranes surrounded with swelling and redness) |
| Diphtheria – cutaneous or pharyngeal: | Cutaneous (skin) or nasopharyngeal ulcerative lesions. Nasopharyngeal lesions are asymmetric with grayish white membranes. |
| Toxigenic strain: | |
| Infectious Substances | How it is Transmitted |
| Lesion drainage and/or nasopharyngeal secretions | Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| Toxigenic strain: | Droplet and Contact Precautions |
| Non-toxigenic strain: | Routine Practices |
| Diphtheria – cutaneous or pharyngeal: | Contact Precautions - Cutaneous |
| | Droplet Precautions - Pharyngeal |
| Duration of Precautions | |
| Toxigenic strain: | Until two cultures from skin lesions and/or both nose and throat cultures are negative |
| Diphtheria – cutaneous or pharyngeal: | Until after antimicrobial therapy is complete AND two cultures from skin lesions and/or both nose and throat cultures, collected at least 24 hours apart, are negative |

(Continued on next page)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 68

| | | |
|--|--|---|
| Suspected/Known Disease or Microorganism <i>Corynebacterium diphtheriae</i> – <i>(Continued from previous page)</i> | | Toxigenic strain Non-toxigenic strain Diphtheria – cutaneous or pharyngeal |
| Incubation Period 2-5 days | | |
| Period of Communicability | | |
| Toxigenic strain: | | If untreated, 2 weeks to several months If treated with appropriate antibiotics, 48hr |
| Diphtheria – cutaneous or pharyngeal: | | If untreated, 2 weeks to several months |
| Comments All Cases: *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Cultures should be taken at least 24 hours apart and at least 24 hours after the completion of antimicrobial treatment. If cultures are not available, maintain precautions until 2 weeks after completion of antimicrobial therapy. • Toxigenic strains produce diphtheria toxin. Not all <i>Corynebacterium diphtheriae</i> strains produce this toxin. • All isolates of <i>C. diphtheriae</i> and <i>Corynebacterium spp.</i> need to be tested by the laboratory for toxigenicity. Diphtheria – cutaneous or pharyngeal: <ul style="list-style-type: none"> • Consult physician regarding chemoprophylaxis for close contacts | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 69

| | | |
|--|---|--|
| Suspected/Known Disease or Microorganism Cough, Fever, Acute upper respiratory tract infection – many viruses including: | | <u>Rhinovirus</u> <u>Respiratory syncytial virus, [RSV]</u> <u>Parainfluenza virus</u> <u>Influenza</u> <u>Adenovirus</u> <u>Coronavirus</u> <u>Bordetella pertussis</u> <u>Mycoplasma pneumoniae</u> |
| Clinical Presentation Cough, fever, sore throat, runny nose | | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets | |
| Precautions Needed* | Droplet and Contact Precautions Wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs).** | |
| | Droplet Precautions – Bordetella Pertussis, Mycoplasma pneumonia | |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | | |
| Incubation Period Variable | Period of Communicability Variable / Duration of symptoms | |
| Comments *Precautions required are in addition to <u>Routine Practices</u> . See specific organism once identified. <ul style="list-style-type: none">• Contact Infection Prevention and Control for cohorting considerations - may cohort individuals infected with the same virus once identified• Minimize exposure of immunocompromised residents, children with chronic cardiac or lung diseases, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> <u>Considerations for Immunocompromised Patients</u> <ul style="list-style-type: none">• Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>.• Residents may have prolonged post-viral dry cough for weeks but this may not represent ongoing acute illness• If TB suspected, see <u>Tuberculosis (TB)</u> | | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 70

| | |
|---|---|
| Suspected/Known Disease or Microorganism Cough, Fever, Pulmonary infiltrates in person at risk for tuberculosis (<i>Mycobacterium tuberculosis</i>) | |
| Clinical Presentation Fever, weight loss, cough, night sweats, abnormal chest x-ray | |
| Infectious Substances Exhaled airborne particles | How it is Transmitted Airborne |
| Precautions Needed* | Airborne Precautions |
| Duration of Precautions Until tuberculosis is ruled out by another diagnosis that explains the clinical syndrome OR results of three sputum smears for AFB are negative and clinician agrees that TB is no longer being suspected. OR if Confirmed Cases, until: <ol style="list-style-type: none"> 1. Receipt of 2 weeks effective treatment, AND 2. Clinical improvement, AND 3. Three (3) consecutive negative Acid Fast Bacilli sputums collected following the Provincial Laboratory's Guide to Services document. If multi-drug-resistant tuberculosis, until culture negative. | |
| Incubation Period Not applicable | Period of Communicability Until infectious etiology ruled out If TB confirmed, while organisms are in sputum |

(Continued on next page)

Suspected/Known Disease or Microorganism

**Cough, fever, pulmonary infiltrates in person at risk for tuberculosis
(*Mycobacterium tuberculosis*)**

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to Notify Medical Officer of Health of case by fastest means possible**
- Young children with tuberculosis are rarely infectious as they usually have a weak cough and do not have cavitory disease so may not require Airborne Precautions. Airborne Precautions should be implemented until an expert in tuberculosis management deems the resident non-infectious.
- Household/close contacts visiting pediatric residents admitted with suspected or confirmed TB should remain in the resident's room and when leaving the room should wear a procedure mask until active TB disease can be ruled out in the visiting contacts.
- If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations.
- **Discharge Settle Time**
Non-negative pressure rooms:
 - Do not admit a new resident into this room for at least 2 hours. If entering room before 2 hours and non-immune, wear an N95 respirator.*Negative pressure rooms:*
 - Do not admit a new resident into this room for at least 45 minutes. If entering room before 45 minutes, and non-immune, wear an N95 respirator.
 - Alternatively, if specific air exchange rates for the room are known, refer to Table 1: Air Clearance Rates to determine

References: PHAC (2012)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 72

Suspected/Known Disease or Microorganism

COVID-19 (Novel Coronavirus, 2019-nCoV) - including all variants
****INTERIM RECOMMENDATIONS as of January 20, 2022****

Clinical Presentation

Core/respiratory symptoms, new or worse: cough, shortness of breath, difficulty breathing, sore throat, painful swallowing, runny nose, nasal congestion, sneezing, fever or chills, rigors, loss of/change to sense of taste or smell.

GI symptoms, new or worse: vomiting, diarrhea

Extended symptoms, new or worse: headache, muscles/joint pain, fatigue, extreme exhaustion, nausea, sudden loss of appetite, conjunctivitis (pink eye), red eye, conjunctival edema.

May cause pneumonia, severe acute respiratory syndrome and kidney failure.

Infectious Substances

Respiratory secretions

How it is Transmitted

Droplet, indirect and direct contact.

Precautions Needed*

Full recommendations [here](#)

Modified Respiratory Precautions

Perform [Point of Care Risk Assessment](#) and wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs).

Door may remain open except during AGMP.

Duration of Precautions

Duration of precautions will be determined on a case-by-case basis, based on

[Discontinuation of Modified Respiratory Precautions for Suspected or Confirmed COVID-19 Form \(21624\)](#)

Follow direction from Public Health and [Guide for Outbreak Prevention and Control in Long Term Care and Designated Supportive Living Sites](#)

Incubation Period

Symptoms may take up to 14 days to appear after exposure.

Period of Communicability

Unknown

Comments

*Precautions required are in addition to [Routine Practices](#)

- [Resident Daily Screening Questionnaire](#)
- Minimize exposure to immunocompromised patients, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These patients should not be cohorted with others, confirmed positive COVID-19 patients may be cohorted together. (*Continued on next page*)

Suspected/Known In case of questions contact IPC Disease or Microorganism

COVID-19 (Novel Coronavirus, 2019-nCoV) - including all variants

****INTERIM RECOMMENDATIONS as of January 20, 2022****

(Continued from previous page)

- In case of questions contact IPC
- For immunocompromised patient, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: [Infection Prevention and Control Considerations for Immunocompromised Patients](#)

References:

WHO <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/infection-prevention-and-control>

Public Health Agency of Canada updates <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

WHO <https://www.who.int/csr/don/12-january-2020-novel-coronavirus-china/en/>

Public Health Agency of Canada updates <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 74

| | |
|---|--|
| Suspected/Known Disease or Microorganism Coxsackievirus disease (Enterovirus and <i>Picornaviridae</i>) – Hand-foot-mouth disease | |
| Clinical Presentation Fever, meningitis, encephalitis, hemorrhagic conjunctivitis (swelling, redness and soreness of the whites of the eyes, itching, with added damage to the vessel of the eye causing bleeding), lesions or rash to hands, feet and/or buttocks, possible sore throat, vomiting and/or diarrhea may also be present. | |
| Infectious Substances Respiratory secretions, feces, blister fluid | How it is Transmitted Direct contact with secretions and indirect contact (fecal-oral) |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Contact Precautions |
| Duration of Precautions | |
| ADULT | Not Applicable |
| PEDIATRIC | Until symptoms are resolved |
| Incubation Period 3-5 days | Period of Communicability During acute states of illness, potentially longer if resident remains incontinent |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table

Recommendations for Management of Residents

Continuing Care | 75

| | |
|---|---|
| Suspected/Known Disease or Microorganism Creutzfeldt-Jakob disease – classic (CJD) and variant (vCJD) | |
| Clinical Presentation Subacute onset of confusion, progressive dementia, chronic encephalopathy | |
| Infectious Substances Tissues of infected animals and humans High Risk Tissues (CJD): Brain including dura mater, spinal cord, eyes High Risk Tissues (vCJD): Same as CJD but includes tonsils | How it is Transmitted Contaminated instrumentation (classical), ingestion of central nervous system tissue |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> Except special precautions are needed for surgery and autopsy in all suspect cases |
| Duration of Precautions Not applicable | |
| Incubation Period Months to years | Period of Communicability Highest level of infectivity during symptomatic illness |
| Comments *Special precautions for surgery and autopsy: <ul style="list-style-type: none"> • Immediately consult Infection Prevention and Control if resident requires surgery or invasive procedure(s). • Information is available on Insite Home > Teams > Clinical Services > Policy Department > AHS Wide Policies > Prion Disease (Creutzfeldt-Jacob Disease) Precautions for the Surgical Resident (Adult or Child) • If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations. | |

References: [PHAC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 76

| | |
|---|---|
| Suspected/Known Disease or Microorganism Crimean-Congo hemorrhagic fever (Arbovirus) | |
| Clinical Presentation Headache, fever, back pain, joint pain, stomach pain, vomiting, red eyes, red, throat, petechiae, jaundice, mood change, bruising, bleeding. History of travel and/or contact with persons and non-human primates from endemic countries must be considered at triage. | |
| Infectious Substances Blood and body fluids shed from sick domestic animals and/or humans, tick bite | How it is Transmitted Direct contact, indirect contact, large droplets and tick bite |
| Precautions Needed* | |
| Refer to the Droplet and Contact Precautions Suspect/Confirmed Ebola Virus Disease . Single-resident room and dedicated bathroom is required. Room door to remain closed to limit access to room. Refer to the PPE Requirements for Suspect/Confirmed Viral Hemorrhagic Fever (VHF) (Ebola) for details on donning, doffing and disposal of PPE. Post donning posters for PPE used on the wall of the Donning/Doffing room. Maintain a log of all people entering the resident's room. | <div style="border: 1px solid orange; padding: 5px;">Droplet and Contact Precautions</div> Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs) |
| Duration of Precautions Until symptoms resolve <i>and</i> directed by Infection Prevention and Control | |
| Incubation Period 1-3 days after exposure via tick bite 5-6 days after contact with infected blood or tissue | Period of Communicability Until all symptoms resolve |

(Continued on next page)

Suspected/Known Disease or Microorganism

Crimean-Congo hemorrhagic fever (Arbovirus)

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to notify Medical Officer of Health of case by fastest means possible**
- For general information visit the AHS [Ebola webpage](#). Infection Prevention and Control (IPC) & Workplace Health and Safety (WHS) Ebola Virus Disease (EVD) Guidance are based on currently available scientific evidence and guidelines and are subject to review and change as new information becomes available
- If the resident is deceased, refer to the [Alberta Bodies of Deceased Persons Regulations](#)

** *For complete list of AGMPs*

References: [PHAC \(2015\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 78

| | |
|--|---|
| Suspected/Known Disease or Microorganism Croup – <u>Haemophilus influenzae</u> <u>Mycoplasma pneumoniae</u> <u>Adenovirus</u> <u>Respiratory Syncytial Virus, [RSV]</u> | |
| <u>Influenza virus</u> <u>Parainfluenza virus</u> <u>Measles virus</u> <u>Human metapneumovirus</u> | |
| Clinical Presentation Fever, runny nose, barking cough, sore throat | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | <u>Droplet and Contact Precautions</u> Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs).</u> ** |
| | <u>Droplet Precautions</u> – Mycoplasma pneumoniae |
| | <u>Airborne Precautions</u> If Measles (Rubeola) suspected |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period Variable | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 79

| | |
|---|---|
| Suspected/Known Disease or Microorganism Cryptococcosis (<i>Cryptococcus neoformans</i>) | |
| Clinical Presentation Meningitis (usually in immunocompromised resident), pulmonary cryptococcosis, disseminated cryptococcosis | |
| Infectious Substances Bird droppings | How it is Transmitted Presumably inhalation of the fungal spores or possibly through infected transplanted organs No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 80

| | |
|---|---|
| Suspected/Known Disease or Microorganism Cryptosporidiosis (<i>Cryptosporidium parvum</i>) | |
| Clinical Presentation Diarrhea, cramps, weight loss, nausea and headaches | |
| Infectious Substances Feces (Fecal oocysts) | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 1-12 days | Period of Communicability From onset of symptoms until several weeks after symptoms are resolved |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 81

| | |
|--|---|
| Suspected/Known Disease or Microorganism Cyclosporiasis (<i>Cyclospora cayetanensis</i>) | |
| Clinical Presentation Vomiting, diarrhea, weight loss, abdominal pain, nausea, fever, or may be asymptomatic | |
| Infectious Substances Contaminated water, fruits and vegetables. Imported, fresh raspberries, other fruits and lettuce from central America | How it is Transmitted Fecal-oral ingestion of contaminated food or water Direct person-to-person transmission unlikely |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 2-14 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 82

| | |
|--|---|
| Suspected/Known Disease or Microorganism Cytomegalovirus | |
| Clinical Presentation Usually asymptomatic; congenital infection, retinitis, disseminated infection in immunocompromised person. Infection may cause a mononucleosis-like-syndrome with prolonged fever (lasting 2-3 weeks), malaise, atypical lymphocytosis, cervical lymphadenitis, mild hepatitis, and encephalitis | |
| Infectious Substances Saliva, genital secretions, urine, breast milk, transplanted organs or stem cells, blood products | How it is Transmitted Sexual Contact and Direct Contact Vertical mother to child in utero, at birth or through breast milk Transfusion, transplantation |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown for person-to-person transmission 3-12 weeks for blood transfusions, 1-4 months for tissue transplants | Period of Communicability NEONATES: 5-6 years ADULTS: Variable, linked to immuno-suppressed status |
| Comments <ul style="list-style-type: none"> Requires intimate personal contact for transmission No additional protective measures are required for pregnant healthcare workers Disease is often due to reactivation in the resident rather than transmission of infection | |

References: [PHAC \(2012\)](#)

D

Decubitus ulcer, infected – pressure ulcer (various organisms)

Dengue fever (Arbovirus)

Dermatitis, infected – (various organisms)

Diarrhea – (various organisms)

Diphtheria – cutaneous or pharyngeal

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 84

| | |
|--|--|
| Suspected/Known Disease or Microorganism Decubitus ulcer, infected – pressure ulcer (various organisms) | |
| Clinical Presentation Abscess, draining pressure sores | |
| Infectious Substances Wound drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until drainage resolved or contained by dressings | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 85

| | |
|--|---|
| Suspected/Known Disease or Microorganism Dengue fever (Arbovirus) | |
| Clinical Presentation Fever, joint pain, rash | |
| Infectious Substances Infected mosquito saliva | How it is Transmitted Bite of infected mosquito No person-to-person transmission |
| Precautions Needed | <div>Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 3-14 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 86

| | |
|---|---|
| Suspected/Known Disease or Microorganism Dermatitis, infected – (various organisms) | |
| Clinical Presentation Multiple presentations on skin: inflammation, rash, blisters, scaly patches | |
| Infectious Substances Drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until symptoms resolve or return to baseline | |
| Incubation Period Variable | Period of Communicability Until infectious etiology ruled out |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified • If compatible with scabies take appropriate precautions pending diagnosis | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 87

| | |
|---|---|
| Suspected/Known Disease or Microorganism Diarrhea – (various organisms) | |
| Clinical Presentation Diarrhea | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period Variable | Period of Communicability Until symptoms resolve OR infectious etiology ruled out |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

E

Eastern equine encephalitis (Arbovirus)

Ebola viral disease

Echinococcosis/Hydatidosis – (*Echinococcus granulosus*, *Echinococcus multilocularis*)

Encephalitis – (Herpes simplex virus [HSV types 1 and 2], Enterovirus, Arbovirus, and others)

Endometritis (puerperal sepsis) – (*Streptococcus* Group A)

Enterobacter spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Enterobiasis (pinworm) (oxyuriasis, *Enterobius vermicularis*)

Enteroviral infections (Echovirus, Coxsackie A & B)

Epiglottitis – (*Haemophilus influenzae* type B [HIB], *Streptococcus* Group A, *Staphylococcus aureus*)

Epstein-Barr virus (Human Herpes virus 4)

Erysipelas – (*Streptococcus* Group A)

Extended-spectrum Beta-lactamase producers (ESBL) – *E. coli*, *Klebsiella* spp., others

Escherichia coli 0157: H7

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 89

| | |
|---|---|
| Suspected/Known Disease or Microorganism Eastern equine encephalitis (Arbovirus) | |
| Clinical Presentation Fever, encephalomyelitis (headache, chills, vomiting, disorientation, seizures) | |
| Infectious Substances Aedes mosquito bite (virus found in birds, bats, and possibly rodents) | How it is Transmitted Bite of infected mosquito No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 4-10 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Physician to Notify Medical Officer of Health of case by fastest means possible | |

References: [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 90

| | |
|---|--|
| Suspected/Known Disease or Microorganism Ebola viral disease | |
| Clinical Presentation Fever, myalgias, pharyngitis, nausea, vomiting and diarrhea Hemorrhagic fever in late clinical presentation History of travel and/or contact with persons and non-human primates from endemic countries must be considered at triage | |
| Infectious Substances Blood, body fluids and respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed | |
| Refer to the Droplet and Contact Precautions Suspect/Confirmed Ebola Virus Disease Single-resident room and dedicated bathroom is required. Room door to remain closed to limit access to room. Refer to the PPE Requirements for Suspect/Confirmed Ebola Virus Disease for details on donning, doffing and disposal of PPE. Post donning posters for PPE used on the wall of the Donning/Doffing room. Maintain a log of all people entering the resident's room. | Suspected/Confirmed Hemorrhagic Fever (Ebola) Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs) |
| Duration of Precautions Until symptoms resolve <i>and</i> directed by Infection Prevention and Control | |
| Incubation Period 2-21 days | Period of Communicability Until all symptoms resolve |

(Continued on next page)

Suspected/Known Disease or Microorganism

Ebola viral disease

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to notify Medical Officer of Health of case by fastest means possible**
- For general information visit the AHS [Ebola webpage](#). Infection Prevention and Control (IPC) & Workplace Health and Safety (WHS) Ebola Virus Disease (EVD) Guidance are based on currently available scientific evidence and guidelines and are subject to review and change as new information becomes available.
- If the resident is deceased, refer to the [Alberta Bodies of Deceased Persons Regulations](#)

** ***For complete list of AGMPs***

References: [PHAC \(2015\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 92

| | |
|---|--|
| Suspected/Known Disease or Microorganism Echinococcosis/Hydatidosis – (<i>Echinococcus granulosus</i>, <i>Echinococcus multilocularis</i>) | |
| Clinical Presentation Cyst present in various organs, typically asymptomatic except for noticeable mass. Rupture or leaking cysts can cause anaphylactic reactions or even death. | |
| Infectious Substances Worm eggs in feces from infected dogs. Contaminated food, soil, and water. Fur may be contaminated. | How it is Transmitted Fecal-oral No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 12 months to years | Period of Communicability Not applicable |
| Comments | |

References: [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 93

| | |
|--|---|
| Suspected/Known Disease or Microorganism Encephalitis – (Herpes simplex virus [HSV types 1 and 2], enterovirus, arbovirus, and others) | |
| Clinical Presentation Ac onset febrile illness with altered level of consciousness, +/- focal neurological deficits and seizures | |
| Infectious Substances Feces and respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Droplet and Contact Precautions |
| Duration of Precautions | |
| ADULT | Not applicable |
| PEDIATRIC | Until specific etiology established |
| Incubation Period Not applicable | Period of Communicability ADULT: Not applicable PEDIATRIC: Until specific etiology established |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified • May be associated with measles, mumps, Varicella, <i>Mycoplasma pneumoniae</i>, Epstein-Barr virus (EBV) | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 94

| | |
|---|--|
| Suspected/Known Disease or Microorganism Endometritis (puerperal sepsis) – (<i>Streptococcus</i> Group A) | |
| Clinical Presentation Abdominal distension or swelling, abnormal vaginal bleeding or discharge, fever, lower abdominal pain | |
| Infectious Substances Not applicable | How it is Transmitted Not applicable |
| Precautions Needed* | Droplet and Contact Precautions if invasive Group A <i>Streptococcus</i> suspected |
| Duration of Precautions Not applicable | |
| Incubation Period Not applicable | Period of Communicability Not applicable except for Invasive Group A <i>streptococcus</i> with 24 hours of antimicrobial therapy |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 95

| | |
|--|--|
| Suspected/Known Disease or Microorganism Enterobiasis (pinworm) (oxyuriasis, <i>Enterobius vermicularis</i>) | |
| Clinical Presentation Nocturnal perianal itching. Occasionally ulcer-like bowel lesions. | |
| Infectious Substances Ova in perianal region, contaminated fomites | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1-2 months | Period of Communicability Until host colonization no longer occurs |
| Comments <ul style="list-style-type: none"> • There can be secondary bacterial infection due to the irritation and scratching of the anal area • All household contacts and caretakers of the infected person should be treated at the same time • Careful handling of contaminated linens and undergarments | |

References: [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 96

| | |
|---|---|
| Suspected/Known Disease or Microorganism Enteroviral infections (Echovirus, Coxsackie A & B) | |
| Clinical Presentation Respiratory tract infection (fever, cold-like symptoms: cough, runny nose, sore throat), headache, upset stomach, diarrhea or skin infections that appear as a rash, blisters or mouth blisters | |
| Infectious Substances Respiratory secretions, fecal and infective secretions or blister fluid | How it is Transmitted Direct contact, indirect droplet and contact |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Contact Precautions |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period 2-10 days | Period of Communicability Resolution of acute respiratory infection symptoms or return to baseline. |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| | |
|---|---|
| Suspected/Known Disease or Microorganism Epiglottitis – (<i>Haemophilus influenzae</i> type B [HIB], <i>Streptococcus</i> Group A, <i>Staphylococcus aureus</i>) | |
| Clinical Presentation Sore throat, muffling or change in voice, difficulty speaking or swallowing, fever | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions 24 hours of effective antimicrobial therapy for all identified organisms | |
| Incubation Period 2-4 days for HIB 1-3 days for Strep A | Period of Communicability Until after 24 hours of effective antimicrobial therapy completed |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified. Only invasive <i>Haemophilus influenzae</i> type B is considered a notifiable disease | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 98

| | |
|---|---|
| Suspected/Known Disease or Microorganism Epstein-Barr virus (Human Herpes virus 4) | |
| Clinical Presentation Infectious mononucleosis; fever, sore throat, lymphadenopathy, splenomegaly, rash | |
| Infectious Substances Saliva, transplanted organs and stem cells, blood, semen | How it is Transmitted Direct oropharyngeal route via saliva; transplantation |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 30-50 days | Period of Communicability Prolonged; pharyngeal excretion “may be intermittent or persistent for years” |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 99

| | |
|---|--|
| Suspected/Known Disease or Microorganism Erysipelas – (<i>Streptococcus</i> Group A) | |
| Clinical Presentation Purulent inflammation of cellular or subcutaneous tissue | |
| Infectious Substances Wound drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until drainage resolved or contained by dressing | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 100

| | |
|--|---|
| Suspected/Known Disease or Microorganism <i>Escherichia coli</i> 0157: H7 | |
| Clinical Presentation Diarrhea, stomach cramps, vomiting, hemolytic uremic syndrome (HUS), thrombotic thrombocytopenic purpura | |
| Infectious Substances Feces | How it is Transmitted Ingestion of contaminated food, direct contact and indirect contact |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment <p>If HUS: please see Hemolytic-uremic syndrome (HUS)</p> |
| Duration of Precautions Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement OR resident is continent. If HUS: Until two (2) successive negative stool samples for <i>E. coli</i> 0157: H7 or 10 days after onset of diarrhea and symptoms have resolved. | |
| Incubation Period 10 hours to 10 days | Period of Communicability Until symptoms resolve |
| Comments <p>*Precautions required are in addition to Routine Practices</p> <ul style="list-style-type: none"> • A wide variety of foods have been associated with <i>E.coli</i> O157:H7 including raw and undercooked beef, unpasteurized apple juice, cider, milk (raw) and raw milk products, untreated drinking water; and contaminated raw uncooked fruit and vegetables. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| | |
|--|---|
| Suspected/Known Disease or Microorganism Extended-spectrum Beta-lactamase producers (ESBL) – AmpC Beta-lactamase producers (AmpC), <i>E. coli</i>, <i>Klebsiella</i> spp., others | |
| Clinical Presentation Asymptomatic or various infections | |
| Infectious Substances Depends on location of colonized/infected body sites | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div style="border: 1px solid black; padding: 2px; display: inline-block;">Routine Practices</div> |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Lab report may identify as AmpC or AmpC producing organism • Lab report may identify as an ESBL or ESBL producing organism • When clusters or outbreaks occur IPC may initiate Contact Precautions. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

F

Febrile respiratory illness, Acute respiratory tract infection –

Rhinovirus

Respiratory syncytial virus, [RSV]

Parainfluenza virus

Influenza

Adenovirus

Coronavirus

Bordetella pertussis

Mycoplasma pneumoniae

Fever unknown origin, fever without focus (acute) – (many bacteria, viruses, fungi)

Food poisoning – (*Bacillus cereus*, *Clostridium perfringens*, *Staphylococcus aureus*, *Salmonella* spp., *Vibrio parahaemolyticus*, *Escherichia coli* 0157: H7), *Listeria monocytogenes*, *Toxoplasma gondii*, *Bacillus* spp.)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 103

| | |
|---|---|
| Suspected/Known Disease or Microorganism Febrile respiratory illness, Acute respiratory tract infection – <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <u>Rhinovirus</u> <u>Respiratory Syncytial Virus, [RSV]</u> <u>Parainfluenza virus</u> <u>Influenza</u> </div> <div style="width: 45%;"> <u>Adenovirus</u> <u>Coronavirus</u> <u>Bordetella pertussis</u> <u>Mycoplasma pneumoniae</u> </div> </div> | |
| Clinical Presentation Fever, cough, runny nose, sneezing | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions |
| | Droplet Precautions - <i>Bordetella pertussis</i> , <i>Mycoplasma pneumonia</i> |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to comments or clinical presentation for examples of symptoms. | |
| Incubation Period Variable | Period of Communicability Duration of symptoms |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • See specific organism once identified • Contact Infection Prevention and Control for cohorting considerations - may cohort individuals infected with the same virus once identified • Minimize exposure of immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Residents may have prolonged post-viral dry cough for weeks but this may not represent ongoing acute illness | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 104

| | |
|--|--|
| Suspected/Known Disease or Microorganism Fever unknown origin, fever without focus (acute) – (many bacteria, viruses, fungi) | |
| Clinical Presentation Fever | |
| Infectious Substances Feces and respiratory secretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Droplet and Contact Precautions |
| Duration of Precautions | |
| ADULT | Not applicable |
| PEDIATRIC | Variable, depending on etiology |
| Incubation Period ADULT - Not applicable PEDIATRIC - Variable | Period of Communicability ADULT - Not applicable PEDIATRIC - Variable, depending on etiology of illness |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • See specific organism once identified • For outbreaks: Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>, OR <u>AHS Guidelines for Outbreak Prevention, Control and Management in Supportive Living and Home Living Sites</u>. | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 105

| | |
|---|--|
| Suspected/Known Disease or Microorganism Food poisoning – (<i>Bacillus cereus</i>, <i>Clostridium perfringens</i>, <i>Staphylococcus aureus</i>, <i>Salmonella</i> spp., <i>Vibrio parahaemolyticus</i>, <i>Escherichia coli</i> 0157: H7), <i>Listeria monocytogenes</i>, <i>Toxoplasma gondii</i>, <i>Bacillus</i> spp.) | |
| Clinical Presentation Nausea, vomiting, diarrhea, abdominal cramps/pain | |
| Infectious Substances Feces | How it is Transmitted Foodborne, direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px; display: inline-block;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| | <div style="border: 1px solid orange; padding: 2px; display: inline-block;">Droplet and Contact Precautions</div> If actively vomiting |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period Not applicable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified | |

References: [PHAC \(2012\)](#)

G

Gas gangrene (*Clostridium* spp.)

GAS – Group A *Streptococcus* (*Streptococcus pyogenes*) –

- Skin infection

- Invasive GAS (iGAS)

- Necrotizing fasciitis

- Scarlet fever

- Pharyngitis

- Toxic shock syndrome

Gastroenteritis – (several bacteria, viruses, parasites)

German measles

Giardiasis (*Giardia lamblia*)

Gonococcus (*Neisseria gonorrhoeae*)

Guillain-Barré syndrome

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 107

| | |
|--|--|
| Suspected/Known Disease or Microorganism Gas gangrene (<i>Clostridium</i> spp.) | |
| Clinical Presentation Crepitus abscesses myonecrosis | |
| Infectious Substances Normal gut flora, soil | How it is Transmitted No person-to-person transmission |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> if wound drainage present and not contained by dressing |
| Duration of Precautions If on Contact Precautions , discontinue isolation when drainage is contained by dressings | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Conditions Table
Recommendations for Management of Residents
Continuing Care | 108

| Suspected/Known Disease or Microorganism GAS – Group A <i>Streptococcus</i> (<i>Streptococcus pyogenes</i>) – | Skin Infection | Invasive GAS (iGAS) | Scarlet Fever | Pharyngitis | Toxic shock syndrome |
|--|--|---|---|---|--|
| Clinical Presentation | Wound or burn infection, skin infection, impetigo, cellulitis | Pneumonia, epiglottitis, meningitis, bacteremia, septic arthritis, necrotizing fasciitis, myonecrosis, toxic shock syndrome | Pharyngitis, “slapped cheek” rash, lace-like trunk and extremities rash, arthropathy in adults | Sneezing, coughing, fever, headache, sore throat | High fever, diffuse macular rash, hypotension, multisystem organ involvement |
| Infectious Substances | Infected body fluids | Respiratory secretions and wound drainage | Respiratory secretions | | Skin exudates and drainage if wounds or skin lesions present |
| How it is Transmitted | Direct contact and indirect contact | Direct contact and indirect contact and large droplets | Large droplets | Direct contact and indirect contact and large droplets | Direct contact and indirect contact |
| Precautions Needed* | Contact Precautions if wound drainage present and not contained by dressing | Droplet and Contact Precautions | ADULT - PEDIATRIC - Droplet and Contact Precautions | ADULT - Routine Practices Droplet Precautions - If unable to cover cough PEDIATRIC - Droplet and Contact Precautions | Contact Precautions – if wounds or skin lesions present and not contained by dressings |
| Duration of Precautions | Until 24 hours of effective antimicrobial therapy completed | | ADULT - Not applicable PEDIATRIC - Until 24 hours of effective antimicrobial therapy completed | Variable depending on organism until 24 hours of effective antimicrobial therapy completed | Until drainage is contained |
| Incubation Period | Variable | Typically 1-3 days | 2-5 days | Variable | |
| Period of Communicability | Until 24 hours of effective antimicrobial therapy completed | 10-21 days in untreated, uncomplicated cases Until 24 hours of effective antimicrobial therapy completed | While organism present in respiratory secretions (10-21 days if not treated) Until 24 hours of effective antimicrobial therapy completed | ADULT - Until acute symptoms resolve PEDIATRIC - Until acute symptoms resolve If Group A <i>Streptococcus</i> - Until 24 hours of effective antimicrobial therapy completed | Variable |
| Comments | <ul style="list-style-type: none"> Precautions required are in addition to <u>Routine Practices</u> Physician to notify Medical Officer of Health of case by fastest means possible Invasive: (Definition) The presence of a microorganism in an otherwise sterile site. (E.g., bloodstream, cerebrospinal fluid, etc.) Exposed contacts of invasive disease may require prophylaxis If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u>. NOTE: All other <i>Streptococcus</i> species are managed with <u>Routine Practices</u> | | | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 109

| | |
|--|---|
| Suspected/Known Disease or Microorganism Gastroenteritis – (several bacteria, viruses, parasites) | |
| Clinical Presentation Diarrhea and/or vomiting | |
| Infectious Substances Feces, emesis | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 5px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| | <div style="border: 1px solid orange; padding: 5px;">Droplet and Contact Precautions</div> <p>If actively vomiting</p> |
| Duration of Precautions Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement OR resident is continent and infectious cause ruled out | |
| Incubation Period Variable | Period of Communicability Until symptoms resolve |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • See specific organism once identified • For outbreaks: Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>, OR <u>AHS Guidelines for Outbreak Prevention, Control and Management in Supportive Living and Home Living Sites</u>. | |

References: [PHAC \(2012\)](#), [Public Health England \(2017\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 110

| | |
|---|--|
| Suspected/Known Disease or Microorganism Giardiasis (<i>Giardia lamblia</i>) | |
| Clinical Presentation Diarrhea, abdominal cramps, bloating, flatulence, dehydration | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 5-25 weeks | Period of Communicability 2-6 weeks, may continue for months |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 111

| | |
|--|--|
| Suspected/Known Disease or Microorganism Gonococcus (<i>Neisseria gonorrhoeae</i>) | |
| Clinical Presentation Ophthalmia neonatorum, gonorrhea, arthritis, pelvic inflammatory disease | |
| Infectious Substances Exudates from lesions | How it is Transmitted Mother to child, sexual contact and rarely direct/indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 2-7 days | Period of Communicability May extend for months in untreated individuals |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 112

| | |
|---|--|
| Suspected/Known Disease or Microorganism Guillain-Barré syndrome | |
| Clinical Presentation Acute infective polyneuritis with motor weakness and abolition of tendon reflexes | |
| Infectious Substances Not applicable | How it is Transmitted Not applicable |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> May follow within weeks of a respiratory or gastrointestinal infection, e.g., <i>Mycoplasma pneumoniae</i>, <i>Campylobacter jejuni</i> | |

References: [CDC \(2015\)](#)

H

Haemophilus Influenzae type B (HIB) – invasive disease – Osteomyelitis

Hansen's Disease

Hantavirus

Helicobacter pylori

Hemolytic uremic syndrome (HUS) – (may be associated with *Escherichia coli* 0157: H7)

Hemorrhagic fever acquired in identified endemic geographic location – (Ebola virus, Lassa virus, Marburg virus, others)

Hepatitis – A, E

Hepatitis – B, C, D, and other unspecified non-A, non-B

Herpangina (vesicular pharyngitis) – (Enterovirus)

Herpes simplex –

- Mucocutaneous – primary and extensive or disseminated

- Mucocutaneous – recurrent

- Neonatal

- Type 1 (HSV-1) – gingivostomatitis, mucocutaneous

Herpes zoster

Histoplasmosis (*Histoplasma capsulatum*)

Human immunodeficiency virus (HIV)

Human metapneumovirus (HMPV)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 114

| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Haemophilus Influenzae</i> type B (HIB) – invasive disease – Osteomyelitis | |
| Clinical Presentation | |
| <i>Haemophilus Influenzae</i> type B (HIB): | Pneumonia, epiglottitis, meningitis, bacteremia, septic arthritis, cellulitis |
| Osteomyelitis: | Inflammation, fever, wound drainage |
| Infectious Substances Respiratory secretions if HIB | How it is Transmitted Direct contact and large droplets if HIB |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Droplet Precautions if HIB suspected or confirmed |
| Duration of Precautions | |
| ADULT | Not applicable |
| PEDIATRIC | Until 24 hours of effective antimicrobial therapy completed |
| Incubation Period Approximately 2-4 days | Period of Communicability If HIB, infectious in the week prior to onset of illness and during the illness until treated. HIB is communicable until 24 hours of effective antimicrobial therapy completed. |

(Continued on next page)

Suspected/Known Disease or Microorganism

***Haemophilus Influenzae* type B (HIB) – invasive disease – Osteomyelitis**

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to Notify Medical Officer of Health of case by fastest means possible**
- Consult physician regarding chemoprophylaxis for close contacts <48 months old, who are not immune.
- Household contacts of infected children should also receive prophylaxis
- Masks recommended for visitors who will have extensive close contact with non-immune infants.
- Invasive *Haemophilus influenza* type B is a notifiable disease

References: [CDC \(2007\)](#) [PHAC \(2012\)](#) [PHAC \(2014\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 116

| | |
|---|---|
| Suspected/Known Disease or Microorganism Hantavirus | |
| Clinical Presentation Fever, fatigue, muscle aches, pneumonia | |
| Infectious Substances Acquired from inhalation of rodent droppings, urine, and saliva | How it is Transmitted Except for the Andes hantavirus, the virus does not spread through person-to-person contact Person-to-person transmission is very rare |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Symptoms may develop between 1 and 5 weeks after exposure | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Physician to notify Medical Officer of Health of case by fastest means possible | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 117

| | |
|--|---|
| Suspected/Known Disease or Microorganism <i>Helicobacter pylori</i> | |
| Clinical Presentation Gastritis, duodenal and gastric ulcers | |
| Infectious Substances Stool and gastric biopsies | How it is Transmitted Direct contact (possibly oral-fecal or fecal-oral) Transmission may also occur through food-borne, airborne, or waterborne pathways, as the water sewage system has been found to be an agent of dissemination |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 3-10 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Humans are likely the major reservoir. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 118

| | |
|--|--|
| Suspected/Known Disease or Microorganism Hemolytic uremic syndrome (HUS) – (may be associated with <i>Escherichia coli</i> 0157: H7) | |
| Clinical Presentation Diarrhea, hemolytic-uremic syndrome (HUS), thrombocytopenia purpura Symptoms of HUS vary. Residents may present with seizures, stroke, kidney issues, blood transfusion requirements | |
| Infectious Substances Feces and respiratory secretions | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 5px;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions If HUS: Until two (2) successive negative stool samples for <i>E. coli</i> 0157: H7 or 10 days after onset of diarrhea and symptoms have resolved. | |
| Incubation Period Most <i>E. coli</i> strains, 10 hours to 6 days <i>E. coli</i> O157:H7, 1-10 days | Period of Communicability Until 2 stools are negative for <i>E. coli</i> O157:H7 or 10 days after onset of diarrhea |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • A wide variety of foods have been associated with <i>E.coli</i> O157:H7 including raw and undercooked beef, unpasteurized apple juice, cider, milk (raw) and raw milk products, untreated drinking water; and contaminated raw uncooked fruit and vegetables. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 119

| | |
|--|--|
| Suspected/Known Disease or Microorganism Hemorrhagic fever acquired in identified endemic geographic location – (Ebola virus, Lassa virus, Marburg virus, others) | |
| Clinical Presentation Variable. Often fever, fatigue, dizziness, muscle aches, exhaustion. Signs of bleeding under the skin, internal organs, or other body orifices. History of travel and/or contact with persons and non-human primates from endemic countries must be considered at triage. | |
| Infectious Substances Blood, bloody body fluids and respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | <div style="border: 1px solid orange; padding: 5px;"> Droplet and Contact Precautions </div> Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)</u> |
| Refer to the Droplet and Contact Precautions Suspect/Confirmed Ebola Virus Disease Single-resident room and dedicated bathroom is required. Room door to remain closed to limit access to room. Refer to the PPE Requirements for Suspect/Confirmed Ebola Virus Disease for details on donning, doffing and disposal of PPE. Post donning posters for PPE used on the wall of the Donning/Doffing room. Maintain a log of all people entering the resident's room. | |
| Duration of Precautions Until symptoms resolve <i>and</i> directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to Routine Practices <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • For general information visit the AHS Ebola webpage. Infection Prevention and Control (IPC) & Workplace Health and Safety (WHS) Ebola Virus Disease (EVD) Guidance are based on currently available scientific evidence and guidelines and are subject to review and change as new information becomes available. • If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations ** For complete list of AGMPs | |

References: [PHAC \(2015\)](#), [CDC \(2007\)](#)

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [HOME](#)

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IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 120

| | |
|---|---|
| Suspected/Known Disease or Microorganism Hepatitis – A, E | |
| Clinical Presentation Hepatitis, anicteric acute febrile illness | |
| Infectious Substances Feces and fecal-contaminated food or water | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> <p>If resident</p> <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions | |
| ADULT | Until one week after onset of jaundice |
| PEDIATRIC | Children 3-14yrs of age - for 2 weeks after onset of symptoms Children >14yrs of age - for 1 week after onset of symptoms |
| Incubation Period Hepatitis A: 28-30 days (range 15-50 days) Hepatitis E: 26-42 days | Period of Communicability Hepatitis A: Two (2) weeks before to one (1) week after onset of symptoms; shedding is prolonged in the newborn (up to 6 months) Hepatitis E: fecal shedding continues at least two (2) weeks |

(Continued on next page)

Suspected/Known Disease or Microorganism

Hepatitis – A, E

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to Notify Medical Officer of Health of case by fastest means possible**
- Virus excretion in stool has been demonstrated from 1 week prior to onset up to 30 days after the onset of jaundice
- Post-exposure prophylaxis indicated for non-immune contacts with significant exposure to Hepatitis A, if within two weeks of exposure

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 122

| | |
|--|--|
| Suspected/Known Disease or Microorganism Hepatitis – B, C, D, and other unspecified non-A, non-B | |
| Clinical Presentation Often asymptomatic; hepatitis | |
| Infectious Substances Blood and certain body fluids, including saliva, semen, cerebrospinal fluid, vaginal, synovial, pleural, peritoneal, pericardial, amniotic fluids | How it is Transmitted Mucosal or percutaneous exposure to infective body fluids includes mom to newborn |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> Please note: residents in Hemodialysis centers may require additional precautions** |
| Duration of Precautions Not applicable | |
| Incubation Period Weeks to 6 months | Period of Communicability From onset of infection |
| Comments <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations • Contact Workplace Health and Safety (WHS) immediately if healthcare worker has percutaneous, non-intact skin or mucous membrane exposure **Please contact Infection Prevention and Control – Refer to: Recommendations for Preventing Transmission of Infections Among Chronic Hemodialysis Residents | |

References: [PHAC \(2015\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 123

| | |
|--|---|
| Suspected/Known Disease or Microorganism Herpangina (vesicular pharyngitis) – (Enterovirus) | |
| Clinical Presentation Fever, headache, loss of appetite, sore throat, ulcers in mouth and throat | |
| Infectious Substances Feces, respiratory secretions, blister fluid | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Contact Precautions If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions | |
| ADULT | Not Applicable |
| PEDIATRIC | Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene |
| Incubation Period 3-6 days for non-poliovirus | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| Suspected/Known Disease or Microorganism Herpes simplex – | Herpes simplex Mucocutaneous primary and extensive or disseminated | Herpes simplex Mucocutaneous – recurrent | Herpes simplex Neonatal | Herpes simplex Type 1 (HSV-1) – Gingivostomatitis, mucocutaneous |
|--|---|--|---|--|
| Clinical Presentation | Disseminated or primary and extensive | Not Applicable | Not Applicable | Gingivostomatitis: Fever, redness and swelling of gingivae and oral mucosa, ulcerative lesions Mucocutaneous: Disseminated or primary and extensive |
| Infectious Substances | Skin or mucosal lesions, oral secretions, genital secretions | Skin or mucosal lesions, oral secretions | Mucosal lesions; possibly all body secretions and excretions | Oral secretions membranes Skin or mucosal lesions |
| How it is Transmitted | Direct contact (sexual, mother to child at birth) | Direct contact with herpetic lesions or secretions Virus may also be shed when resident is asymptomatic | Direct contact | |
| Precautions Needed* | Contact Precautions | | Contact Precautions for infants delivered vaginally (or by C-section if membranes have been ruptured more than 4 hours) to women with active genital HSV infections | Contact Precautions |
| Duration of Precautions | Until lesions resolve | Not Applicable | Birth to 6 weeks of age | Until lesions resolve |
| Incubation Period | 2 days to 2 weeks | Not Applicable | Duration of symptoms, until lesions are dry and crusted Until neonatal HSV infection has been ruled out for asymptomatic exposed infants delivered vaginally (or by C-section if membranes have been ruptured more than 4 hours) to women with active genital HSV infections | 2 days to 2 weeks |
| Period of Communicability | While lesions present | Not Applicable | Duration of symptoms | While lesions present |
| Comments | *Precautions required are in addition to <u>Routine Practices</u> • A resident with herpetic lesions should not be roomed with newborns, children with eczema, burned residents or immunocompromised residents. Refer to: http://www.albertahealthservices.ca/assets/healthinfo/ipc/hi-ipc-immunocompromised-residents.pdf | | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 125

| | |
|--|---|
| Suspected/Known Disease or Microorganism Histoplasmosis (<i>Histoplasma capsulatum</i>) | |
| Clinical Presentation Pneumonia, lymphadenopathy, fever | |
| Infectious Substances Acquired from spores in soil | How it is Transmitted Inhalation of spores Rarely person-to-person transmission, sometimes occurs with organ transplantation |
| Precautions Needed | <div>Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 3-17 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 126

| | |
|--|---|
| Suspected/Known Disease or Microorganism Human immunodeficiency virus (HIV) | |
| Clinical Presentation Asymptomatic; multiple clinical presentations | |
| Infectious Substances Blood and body fluids including cerebrospinal fluid, semen, vaginal, synovial, pleural, peritoneal, pericardial, and amniotic fluids and breast milk | How it is Transmitted Mucosal or percutaneous exposure to infective body fluids, sexual transmission, mother to child |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Weeks to years | Period of Communicability From onset of infection, until death |
| Comments <ul style="list-style-type: none"> If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations Contact Workplace Health and Safety immediately if healthcare worker has percutaneous, non-intact skin or mucous membrane exposure | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 127

| | |
|---|---|
| Suspected/Known Disease or Microorganism Human metapneumovirus (HMPV) | |
| Clinical Presentation Cough, fever, nasal congestion, shortness of breath | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs).</u> ** |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period 3-5 days | Period of Communicability Duration of symptoms |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Contact Infection Prevention and Control for discontinuation of precautions • Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Immunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 128

I

Impetigo – (*Staphylococcus aureus*, *Streptococcus* Group A –many other bacteria)

Influenza – new pandemic strain

Influenza – seasonal

Invasive GAS (iGAS)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 129

| | |
|--|--|
| Suspected/Known Disease or Microorganism Impetigo – (<i>Staphylococcus aureus</i>, <i>Streptococcus</i> Group A –many other bacteria) | |
| Clinical Presentation Skin lesions | |
| Infectious Substances Drainage from lesions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Variable | |
| Incubation Period Variable, depending on causative organism | Period of Communicability As long as organism in drainage |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 130

| | |
|--|--|
| Suspected/Known Disease or Microorganism Influenza – new pandemic strain | |
| Clinical Presentation Fever, cough, muscle aches, fatigue, sore throat, pneumonia | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact, droplets and airborne particles |
| Precautions Needed* | <u>PANDEMIC INFLUENZA PRECAUTIONS:</u> |
| | Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)*</u> |
| Duration of Precautions Duration of precautions will be determined on a case-by-case basis and in conjunction with Infection Prevention and Control, and the Medical Officer of Health. | |
| Incubation Period Unknown, possibly 1-7 days | Period of Communicability Unknown |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> If private room is unavailable, consider cohorting residents during outbreaks Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> Immunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding. Contact Infection Prevention and Control for discontinuation of precautions. Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. ** <i>For complete list of AGMPs</i> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 131

| | |
|--|---|
| Suspected/Known Disease or Microorganism Influenza – seasonal | |
| Clinical Presentation Fever, cough, muscle aches, fatigue, sore throat, runny nose, sneezing | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed | Droplet and Contact Precautions Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)</u> . |
| Duration of Precautions Until acute symptoms resolve. In the case of outbreak, residents are to remain on precautions for 5 days from the onset of acute illness OR until they are over the acute illness and have been afebrile X 48 hours, as indicated by <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u> . | |
| Incubation Period 1-3 days | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • If private room is unavailable, consider cohorting residents during outbreaks • Minimize exposure of immunocompromised residents, children with chronic cardiac or lung disease, neonates • Residents may have prolonged post-viral dry cough for weeks but this may not represent ongoing acute illness • For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Contact Infection Prevention and Control for discontinuation of precautions ** <i>For complete list of AGMPs</i> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 132

J

No organisms at this time

K

Klebsiella spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

L

Lassa fever (Lassa virus)

Legionella (*Legionella* spp.) – Legionnaires' disease

Leprosy (*Mycobacterium leprae*) – (Hansen's disease)

Leptospirosis (*Leptospira* spp.)

Lice

Listeriosis (*Listeria monocytogenes*)

Lyme disease (*Borrelia burgdorferi*)

Lymphocytic choriomeningitis (LCM) virus

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 133

| | |
|---|--|
| Suspected/Known Disease or Microorganism Lassa fever (Lassa virus) | |
| Clinical Presentation Gradual onset of fever, malaise, weakness, headache, pharyngitis, cough, nausea and vomiting. Disease may progress to hemorrhaging (in gums, eyes, or nose), respiratory distress, repeated vomiting, facial swelling, pain in the chest, back, and abdomen, shock and deafness. History of travel and/or contact with persons and non-human primates from endemic countries must be considered at triage. | |
| Infectious Substances Blood and body fluids, respiratory secretions, possibly urine and stool | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| Refer to the Droplet and Contact Precautions Suspect/Confirmed Ebola Virus Disease Single-resident room and dedicated bathroom is required. Room door to remain closed to limit access to room. Refer to the PPE Requirements for Suspect/Confirmed Ebola Virus Disease for details on donning, doffing and disposal of PPE. Post donning posters for PPE used on the wall of the Donning/Doffing room. Maintain a log of all people entering the resident's room. | Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs) |
| Duration of Precautions Until symptoms resolve <i>and</i> directed by Infection Prevention and Control | |
| Incubation Period 5-21 days | Period of Communicability Until 3-9 weeks after onset |

(Continued on next page)

Suspected/Known Disease or Microorganism

Lassa fever (Lassa virus)

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to Notify Medical Officer of Health of case by fastest means possible**
- For general information visit the AHS [Ebola webpage](#).
- Infection Prevention and Control (IPC) & Workplace Health and Safety (WHS) Ebola Virus Disease (EVD) Guidance are based on currently available scientific evidence and guidelines and are subject to review and change as new information becomes available
- If the resident is deceased, refer to the [Alberta Bodies of Deceased Persons Regulations](#)

** **For complete list of AGMPs**

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| | |
|--|--|
| Suspected/Known Disease or Microorganism Legionella (<i>Legionella</i> spp.) – Legionnaires’ disease | |
| Clinical Presentation Severe pneumonia, muscle aches, tiredness, headaches, dry cough and fever Sometimes diarrhea occurs and confusion may develop | |
| Infectious Substances Contaminated water | How it is Transmitted Acquired from contaminated water by inhalation or aspiration No person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 2-14 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 136

| | |
|---|--|
| Suspected/Known Disease or Microorganism Leprosy (<i>Mycobacterium leprae</i>) – Hansen’s disease | |
| Clinical Presentation Chronic disease of skin, nerves, joints, and nasopharyngeal mucosa; loss of sensation on affected areas of skin | |
| Infectious Substances Nasal and respiratory secretions | How it is Transmitted Direct contact (requires prolonged and extensive personal contact) |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;"> Routine Practices </div> |
| Duration of Precautions Not applicable | |
| Incubation Period 1-20 years | Period of Communicability Until treatment is established |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 137

| | |
|--|---|
| Suspected/Known Disease or Microorganism Leptospirosis (<i>Leptospira</i> spp.) | |
| Clinical Presentation Fever, jaundice, aseptic meningitis, headache, chills, muscle pain | |
| Infectious Substances Leptospire may be excreted in urine for usually 1 month but has been observed as long as 11 months after the acute illness | How it is Transmitted Through skin contact with urine or tissues of infected animals or water contaminated with the urine of infected animals Rare person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 2-26 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 138

| | |
|---|--|
| Suspected/Known Disease or Microorganism Listeriosis (<i>Listeria monocytogenes</i>) | |
| Clinical Presentation Fever, muscle aches, meningitis, diarrhea/gastrointestinal symptoms, congenital or neonatal infection | |
| Infectious Substances Contaminated food | How it is Transmitted Foodborne: Acquired from ingestion of contaminated food Congenital transmission: mother to fetus in utero or newborn at birth Rare person-to-person transmission |
| Precautions Needed | <div>Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period Average 21 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health • Rare nosocomial outbreaks reported in newborn nurseries attributed to contaminated equipment or materials • Although relatively rare, human listeriosis is often severe and mortality rates can approach 50% https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment/listeria-monocytogenes.html | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 139

| | |
|--|--|
| Suspected/Known Disease or Microorganism Lyme disease (<i>Borrelia burgdorferi</i>) | |
| Clinical Presentation Fever, arthritis, meningitis, headache, fatigue, characteristic skin rash called erythema migraines | |
| Infectious Substances Infected tick bite | How it is Transmitted Tick-borne (blacklegged or deer ticks) No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Rash occurs in 3-30 days after exposure | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health. • Infection in humans is incidental and is acquired most frequently during blood feeding by the infected tick. In most cases, the tick must be attached for 36-48 hours or more before the Lyme disease bacterium can be transmitted. Infected people are often unaware that they have been bitten. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 140

| | |
|---|---|
| Suspected/Known Disease or Microorganism Lymphocytic choriomeningitis (LCM) virus | |
| Clinical Presentation Fever, cough, malaise, myalgia, headache, photophobia, nausea, vomiting, adenopathy, and sore throat. Progression to meningitis, encephalitis, meningoencephalitis | |
| Infectious Substances | How it is Transmitted Through skin or mucous membrane contact with rodents, inhalation of aerosolised virus (through dust), ingestion of contaminated food Congenital transmission: mother to fetus in utero No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 8-13 days, 15-21 days before any meningeal symptoms appear | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

M

Malaria (*Plasmodium* spp.)

Marburg virus

Measles

Meningitis

Metapneumovirus

Methicillin-resistant *Staphylococcus aureus* (MRSA)

MERS CoV – (Middle East respiratory syndrome, severe acute respiratory syndrome, SARS CoV, coronavirus)

Molluscum contagiosum (molluscum contagiosum virus)

Monkey pox

Mononucleosis

Morganella spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Mucormycosis (phycomycosis, zygomycosis) – (*Mucor* spp., *Zygomycetes* spp., *Rhizopus* spp.)

Multidrug-resistant (MDR)* gram-negative bacilli

Mumps (mumps virus) – Known case, Exposed susceptible

Mycobacterium tuberculosis

Mycobacterium – non-tuberculosis (atypical) (e.g., *Mycobacterium avium* complex)

Mycoplasma pneumoniae

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 142

| | |
|---|---|
| Suspected/Known Disease or Microorganism Malaria (<i>Plasmodium</i> spp.) | |
| Clinical Presentation Fever, chills, body aches, headache, general malaise (these are symptoms common to a range of infections, recent travel history must be considered) | |
| Infectious Substances Blood | How it is Transmitted Mosquito bite Rare person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Infection in humans is incidental and is acquired most frequently during blood feeding by the infected mosquito • Can be transmitted via blood transfusion • Physician to Notify Medical Officer of Health | |

References: [PHAC \(2012\)](#), [CDC \(2015\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 143

| | |
|---|--|
| Suspected/Known Disease or Microorganism Marburg virus | |
| Clinical Presentation Fever, myalgias, pharyngitis, nausea, vomiting and diarrhea. Maculopapular rash after day 5 of onset of symptoms and Hemorrhagic fever in late clinical presentation. History of travel and/or contact with persons and non-human primates from endemic countries must be considered at triage. | |
| Infectious Substances Blood, body fluids and respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| Refer to the Droplet and Contact Precautions Suspect/Confirmed Ebola Virus Disease Single-resident room and dedicated bathroom is required. Room door to remain closed to limit access to room. Refer to the PPE Requirements for Suspect/Confirmed Ebola Virus Disease for details on donning, doffing and disposal of PPE. Post donning posters for PPE used on the wall of the Donning/Doffing room. Maintain a log of all people entering the resident's room. | Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs) |
| Duration of Precautions Until symptoms resolve <i>and</i> directed by Infection Prevention and Control | |
| Incubation Period 5-10 days | Period of Communicability Until all symptoms resolve |

(Continued on next page)

Suspected/Known Disease or Microorganism

Marburg virus

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

- **Physician to notify Medical Officer of Health of case by fastest means possible**
- For general information visit the AHS [Ebola webpage](#)
- Infection Prevention and Control (IPC) & Workplace Health and Safety (WHS) Ebola Virus Disease (EVD) Guidance are based on currently available scientific evidence and guidelines and are subject to review and change as new information becomes available
- If the resident is deceased, refer to the [Alberta Bodies of Deceased Persons Regulations](#)

** ***For complete list of AGMPs***

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 145

| | | |
|--|--|---|
| Suspected/Known Disease or Microorganism Meningitis Various causative agents: VIRAL: <u>Enterovirus, Arbovirus</u> FUNGAL: <u>Cryptococcus neoformans, Histoplasma capsulatum</u> | | BACTERIAL: <u>Neisseria meningitidis,</u> <u>H. influenzae type B (possible in non-immune infant younger than 2 years</u> <u>Streptococcus pneumoniae,</u> <u>Streptococcus Group B,</u> <u>Listeria monocytogenes,</u> <u>E.coli and other Gram-negative rods,</u> <u>Mycobacterium tuberculosis</u> |
| Clinical Presentation Acute onset of meningeal symptoms commonly including headache, photophobia, stiff neck, vomiting, fever, and/or rash | | |
| Infectious Substances Respiratory secretions and Feces (in viral meningitis) | | How it is Transmitted Bacterial: Direct contact; droplet Viral: Direct and indirect contact (including fecal/oral) |
| Precautions Needed* | | |
| ADULT | | Routine Practices – confirmed viral Droplet Precautions – cause unknown or Bacterial or confirmed <i>Neisseria meningitidis</i> |
| PEDIATRIC | | Contact Precautions – confirmed viral Droplet and Contact Precautions – cause unknown or Bacterial |
| Duration of Precautions | | |
| Bacterial | | Until 24 hours of effective antimicrobial therapy completed |
| Viral: PEDIATRIC | | Until symptoms resolved or enterovirus ruled out |

(Continued on next page)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 146

| | | |
|--|--|---|
| Suspected/Known Disease or Microorganism Meningitis Various causative agents: VIRAL: <u>Enterovirus, Arbovirus</u> FUNGAL: <u>Cryptococcus neoformans, Histoplasma capsulatum</u> <i>(Continued from previous page)</i> | | BACTERIAL: <u><i>Neisseria meningitidis,</i></u> <u><i>H. influenzae type B (possible in non-immune infant younger than 2 years)</i></u> <u><i>Streptococcus pneumoniae,</i></u> <u><i>Streptococcus Group B,</i></u> <u><i>Listeria monocytogenes,</i></u> <u><i>E.coli and other Gram-negative rods,</i></u> <u><i>Mycobacterium tuberculosis</i></u> |
| Incubation Period Variable | Period of Communicability Variable | |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified. For <i>Mycobacterium tuberculosis</i> meningitis rule out associated respiratory TB • May be associated with measles, mumps, varicella, or herpes simplex. If identified, take appropriate precautions for associated disease • Physician to Notify Medical Officer of Health | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 147

| | |
|---|--|
| Suspected/Known Disease or Microorganism Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) | |
| Clinical Presentation Asymptomatic or various infections of skin, soft tissue, pneumonia, bacteremia, urinary tract, etc. | |
| Infectious Substances Infected or colonized secretions/excretions Respiratory secretions if pneumonia | How it is Transmitted Direct contact and indirect contact, and large droplets (if pneumonia) |
| Precautions Needed* | <u>Additional Precautions for ARO Positive Residents in Continuing Care</u> |
| | Droplet and Contact Precautions if resident has active MRSA pneumonia |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 148

| | |
|--|--|
| Suspected/Known Disease or Microorganism MERS CoV – (Middle East respiratory syndrome, <u>Coronavirus</u>) | |
| Clinical Presentation Fever, cough, runny nose, sore throat, body aches, pneumonia (shortness of breath, discomfort during breathing) | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)</u> . For more information refer to <u>Interim Guidance-Novel Coronavirus</u> |
| Duration of Precautions Duration of precautions will be determined on a case-by-case basis and in conjunction with Infection Prevention and Control, and the Medical Officer of Health | |
| Incubation Period 14 days | Period of Communicability Unknown / variable |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Contact Infection Prevention and Control for discontinuation of additional precautions <p>Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u></p> <ul style="list-style-type: none"> • Immunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding. <p>** <i>For complete list of AGMPs</i></p> | |

References: [Interim Guidance-Novel Coronavirus](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 149

| | |
|---|--|
| Suspected/Known Disease or Microorganism Molluscum contagiosum (molluscum contagiosum virus) | |
| Clinical Presentation Umbilical papules (small raised, pearly papules with a central depression) | |
| Infectious Substances Contents of the papules | How it is Transmitted Direct contact, including sexual contact, or fomites |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1 week to 6 months | Period of Communicability Unknown |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 150

| | |
|--|---|
| Suspected/Known Disease or Microorganism Monkey pox | |
| Clinical Presentation Resembles smallpox, swollen lymph nodes | |
| Infectious Substances Infected blood and body fluids, pox secretions | How it is Transmitted Bite from infected animal or direct contact with their blood, body fluid or rash |
| Precautions Needed* | Airborne Precautions |
| | Droplet and Contact Precautions |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period 7-17 days | Period of Communicability until the scab crusts have fallen off (about 3-4 weeks) and new skin has formed |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to notify Medical Officer of Health of case by fastest means possible • Transmission in hospital settings unlikely • CDC: Monkeypox Poxvirus CDC (2022) • Monkeypox (orthopoxvirus simian) (2022) | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 151

| | |
|--|--|
| Suspected/Known Disease or Microorganism Mucormycosis (phycomycosis, zygomycosis) – (<i>Mucor</i> spp., <i>Zygomycetes</i> spp., <i>Rhizopus</i> spp.) | |
| Clinical Presentation Lung, skin, wound, rhino-cerebral infection | |
| Infectious Substances Fungal spores in dust and soil | How it is Transmitted Acquired from fungal spores in dust and soil, especially decaying organic matter such as leaves, grass or wood No person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Immunocompromised residents are at risk of infection. Refer to: Infection Prevention and Control Considerations for Immunocompromised Patients | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 152

| | | |
|--|--|-------------------------------|
| Suspected/Known Disease or Microorganism | | |
| Multidrug-resistant (MDR)* gram-negative bacilli | | |
| <u>Acinetobacter spp., MDR</u> | | |
| <u>Pseudomonas spp. (ESBL, AmpC or MBL producing), MDR</u> | | |
| <u>Stenotrophomonas maltophilia** , MDR</u> | | |
| <u>Burkholderia cepacia** , MDR</u> | | |
| <u>MDR Enterobacteriaceae (Carbapenem-resistant (CPO, CRE, CRO); ESBL or AmpC producing)</u> | | |
| <u>E. coli, MDR</u> | <u>Providencia spp., MDR</u> | <u>Enterobacter spp., MDR</u> |
| <u>Klebsiella spp., MDR</u> | <u>Proteus spp., MDR</u> | <u>Morganella spp., MDR</u> |
| <u>Serratia spp., MDR</u> | <u>Citrobacter spp., MDR</u> | <u>Salmonella spp., MDR</u> |
| Clinical Presentation | | |
| Infection or colonization at any body site | | |
| Infectious Substances | How it is Transmitted | |
| Infected or colonized secretions, excretions | Direct Contact and Indirect Contact | |
| Precautions Needed*** | Contact Precautions | |
| | For all organisms listed above except those identified by asterisks**. | |
| | For ** see specific organism page | |
| Duration of Precautions | | |
| Variable, dependent on organism | | |
| Incubation Period | Period of Communicability | |
| Variable | Variable | |

(Continued on next page)

Suspected/Known Disease or Microorganism

Multidrug-resistant (MDR)* gram-negative bacilli

Acinetobacter spp., MDR

Pseudomonas spp. (ESBL, AmpC or MBL producing), MDR

*Stenotrophomonas maltophilia*** , MDR

*Burkholderia cepacia*** , MDR

MDR *Enterobacteriaceae* (Carbapenem-resistant (CPO, CRE, CRO); ESBL or AmpC producing)

E. coli, MDR

Klebsiella spp., MDR

Serratia spp., MDR

Providencia spp., MDR

Proteus spp., MDR

Citrobacter spp., MDR

Enterobacter spp., MDR

Morganella spp., MDR

Salmonella spp., MDR

(Continued from previous page)

Comments

* A multidrug-resistant organism is one that has resistance to 3 or more antibiotic classes

** See specific organism once identified

*** Precautions required are in addition to Routine Practices. Additional (isolation) precautions are dependent on organism type and antibiotic susceptibility pattern. Please contact Infection Prevention and Control for direction.

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 154

| | |
|--|--|
| Suspected/Known Disease or Microorganism Mumps (mumps virus) – Known case, Exposed susceptible | |
| Clinical Presentation Swelling of salivary glands, orchitis | |
| Known case: | Swelling of salivary glands, orchitis |
| Exposed susceptible: | May be asymptomatic |
| Infectious Substances Saliva, respiratory secretions | How it is Transmitted Direct contact; large droplets |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions | |
| Known case: | Until 5 days after the onset of symptoms |
| Exposed susceptible: | Begin 10 days after first contact with confirmed mumps case and continue until 26 days after last exposure |
| Incubation Period 14-25 days | Period of Communicability 2 days before and up to 5 days after onset of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> Exposed susceptible: <ul style="list-style-type: none"> Droplet Precautions for exposed susceptible residents and healthcare workers should begin 10 days after first contact and continue through 26 days after last exposure. Defer non-urgent admission if a non-immune person is incubating the disease If contact becomes symptomatic and a confirmed case, follow recommendation for a known mumps case | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 155

| | |
|--|--|
| Suspected/Known Disease or Microorganism Mycobacterium – non-tuberculosis (atypical) (e.g., <i>Mycobacterium avium</i> complex) | |
| Clinical Presentation Lymphadenitis, pneumonia, disseminated disease in immunocompromised resident | |
| Infectious Substances Widely distributed in the environment, particularly in wet soil, marshlands, streams and rivers | How it is Transmitted Acquired from soil, water, animal reservoirs No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 156

| | |
|--|--|
| Suspected/Known Disease or Microorganism <i>Mycoplasma pneumoniae</i> | |
| Clinical Presentation Pneumonia | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact; large droplets |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions Until symptoms have stopped | |
| Incubation Period 1-4 weeks | Period of Communicability Unknown |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

N

2019-nCoV

Necrotizing enterocolitis

Necrotizing fasciitis

Neisseria gonorrhoeae

Neisseria meningitidis (Meningitis or Invasive Meningococcal Disease)

Nocardiosis (*Nocardia* spp.)

Norovirus

Novel Coronavirus (COVID-19)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 158

| | |
|--|--|
| Suspected/Known Disease or Microorganism Necrotizing enterocolitis | |
| Clinical Presentation Abdominal distention, blood in the stool, diarrhea, feeding intolerance, lethargy, temperature instability, vomiting | |
| Infectious Substances Unknown | How it is Transmitted Probably indirect contact, outbreaks would result from transmission on hands/equipment |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px;">Contact Precautions</div> If outbreak is suspected |
| Duration of Precautions Duration of outbreak | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 159

| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Neisseria gonorrhoeae</i> | |
| Clinical Presentation Ophthalmia, neonatorum, gonorrhea, arthritis, pelvic inflammatory disease | |
| Infectious Substances Exudates from lesions | How it is Transmitted Mother to child, sexual contact and rarely direct/indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 2-7 days | Period of Communicability May extend for months in untreated individuals |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 160

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Neisseria meningitidis</i> (Meningitis or Invasive Meningococcal Disease) | |
| Clinical Presentation Meningococemia, meningitis, pneumonia, Rash (petechial/purpuric) with fever | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact; large droplets |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions Until after 24 hours of effective therapy completed. | |
| Incubation Period Usually 2-10 days | Period of Communicability Until 24 hours of effective therapy completed |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Consult physician regarding chemoprophylaxis for close contacts | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 161

| | |
|--|--|
| Suspected/Known Disease or Microorganism Nocardiosis (<i>Nocardia</i> spp.) | |
| Clinical Presentation Fever, pulmonary or central nervous system infection, or disseminated disease | |
| Infectious Substances Acquired from organisms in the soil and dust | How it is Transmitted By inhalation of the organisms No person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;"> Routine Practices </div> |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Infections in immunocompromised residents may be associated with construction. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 162

| | |
|---|---|
| Suspected/Known Disease or Microorganism Norovirus | |
| Clinical Presentation Nausea, vomiting, diarrhea | |
| Infectious Substances Feces, emesis/vomit | How it is Transmitted Direct contact and indirect contact (fecal-oral), and large droplets (vomiting) |
| Precautions Needed* | Contact Precautions |
| | Droplet and Contact Precautions if resident is actively vomiting |
| Duration of Precautions | |
| ADULT | Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement |
| PEDIATRIC | Extend duration of isolation to 5 days after resolution of symptoms in children |
| Incubation Period 12 hours to 4 days | Period of Communicability Duration of viral shedding, usually 48 hours after diarrhea resolves |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> Contact Infection Prevention and Control for discontinuation of additional precautions. For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> Common cause of outbreaks. Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 163

O

Orf – Parapoxvirus

Otitis, draining (*Streptococcus* Group A, *Staphylococcus aureus*, many other bacteria)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 164

| | |
|--|---|
| Suspected/Known Disease or Microorganism Orf – Parapoxvirus | |
| Clinical Presentation Skin lesions | |
| Infectious Substances Infected animals | How it is Transmitted Contact with infected animals (usually sheep and goats) No person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 3-6 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 165

| | |
|---|--|
| Suspected/Known Disease or Microorganism Otitis, draining (<i>Streptococcus</i> Group A, <i>Staphylococcus aureus</i>, many other bacteria) | |
| Clinical Presentation Ear drainage, ear pain | |
| Infectious Substances Drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div>Routine Practices</div> Minor drainage contained by dressing |
| | <div>Contact Precautions</div> Major drainage not contained by dressing |
| Duration of Precautions Until drainage resolved or contained by dressings. | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

P

Parainfluenza virus

Parvovirus B19 – Fifth disease, erythema infectiosum (rash), aplastic crisis

Pediculosis (Lice) – (*Pediculus humanus*, *Phthirus pubis*)

Pertussis

Pharyngitis – (*Streptococcus* Group A, *Corynebacterium diphtheriae*, many viruses)

Plague – bubonic (*Yersinia pestis*)

Plague – pneumonic (*Yersinia pestis*)

Pleurodynia (Enterovirus, Coxsackievirus)

Pneumocystis jiroveci pneumonia (PJP) – formerly known as *P. carinii* (PCP)

Pneumonia – bacterial or viral infection

Poliomyelitis

Proteus spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Providencia spp., MDR – see Multidrug-resistant (MDR) gram-negative bacilli

Pseudomembranous colitis – (*Clostridium difficile*)

Pseudomonas aeruginosa (Metallo-carbapenemase producing**)

Psittacosis (ornithosis) – (*Chlamydia psittaci*)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 167

| | |
|--|--|
| Suspected/Known Disease or Microorganism Parainfluenza virus | |
| Clinical Presentation Fever, runny nose, cough, sneezing, wheezing, sore throat, croup, bronchitis | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Wear fit tested N95 respirator when performing Aerosol-generating medical procedures (AGMPs). ** |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. In the case of outbreak, residents are to remain on precautions for 5 days from the onset of acute illness OR until they are over the acute illness and have been afebrile X 48hr. | |
| Incubation Period 2-6 days | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> . Contact Infection Prevention and Control for discontinuation of additional precautions. <ul style="list-style-type: none"> • May cohort individuals infected with the same virus. • Minimize exposure of immunocompromised residents, children with chronic cardiac or lung disease, neonates. • In the case of outbreak refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 168

| | |
|--|---|
| Suspected/Known Disease or Microorganism Parvovirus B19 – Fifth disease, erythema infectiosum, aplastic crisis | |
| Clinical Presentation Erythema Infectiosum (rash), aplastic crisis, fever, headache, rhinitis | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets and vertical mother to fetus |
| Precautions Needed* | Routine Practices Fifth disease |
| | Droplet Precautions Aplastic crisis OR chronic infection in immunocompromised resident |
| Duration of Precautions If resident with transient aplastic or erythrocyte crisis maintain precautions for 7 days. For immune-suppressed residents with chronic infection or those with papular purpuric gloves and socks syndrome (PPGS), maintain precautions for duration of hospitalization | |
| Incubation Period 4-21 days | Period of Communicability Aplastic Crisis: Up to one week after onset of crisis Fifth Disease: immunocompromised residents are no longer infectious by the time the rash appears |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> Aplastic crisis is a dramatic drop in hematocrit levels, diagnosis to be determined by physician. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#), [Harvard \(2002\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 169

| | |
|--|--|
| Suspected/Known Disease or Microorganism Pediculosis (Lice) – (<i>Pediculus humanus</i>, <i>Phthirus pubis</i>) | |
| Clinical Presentation Infestation may result in severe itching and excoriation of the scalp or body | |
| Infectious Substances Direct and indirect contact with louse | How it is Transmitted Contact with louse directly or indirectly |
| Precautions Needed | Contact Precautions |
| Duration of Precautions Continue until a minimum of 24 hours after start of effective therapy | |
| Incubation Period 6-10 days | Period of Communicability Until effective treatment to kill lice and ova and observed to be free of lice |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Apply treatment (pediculicide) as directed on label. If live lice found after therapy, repeat treatment. • Manually remove nits. As no pediculicide is 100% ovicidal, removal of nits decreases the risk of self-reinfestation • Head lice: wash headgear, combs, pillow cases, towels with hot water or dry clean or seal in plastic bag and store for 10 days • Body lice: as above and all exposed clothing and bedding | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 170

| | |
|--|---|
| Suspected/Known Disease or Microorganism Pharyngitis – (<i>Streptococcus</i> Group A, <i>Corynebacterium diphtheriae</i>, many viruses) | |
| Clinical Presentation Sneezing, coughing, fever, headache, sore throat | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| ADULT | Routine Practices |
| | Droplet Precautions - if unable to cover cough |
| PEDIATRIC | Droplet and Contact Precautions |
| Duration of Precautions Variable depending on organism For viral infections, until symptoms resolve or return to baseline For Group A <i>Streptococcus</i> , until 24 hours of effective antimicrobial therapy completed | |
| Incubation Period Variable | Period of Communicability ADULT - Until acute symptoms resolve PEDIATRIC - Until acute symptoms resolve If Group A <i>Streptococcus</i> - until 24 hours of effective antimicrobial therapy completed |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 171

| | |
|---|---|
| Suspected/Known Disease or Microorganism Plague – bubonic (<i>Yersinia pestis</i>) | |
| Clinical Presentation Lymphadenitis, fever, chills, headache, extreme fatigue | |
| Infectious Substances Not applicable | How it is Transmitted Bite of an infected flea Contact with contaminated fluid or tissue i.e. touching or skinning infected animals |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1-7 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u>. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 172

| | |
|--|---|
| Suspected/Known Disease or Microorganism Plague – pneumonic (<i>Yersinia pestis</i>) | |
| Clinical Presentation Pneumonia, cough, fever, hemoptysis | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact: large droplets |
| Precautions Needed* | Droplet Precautions |
| Duration of Precautions Until 48 hours of effective antimicrobial therapy | |
| Incubation Period 1-4 days | Period of Communicability Until 48 hours of effective antimicrobial therapy |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u>. • Close contacts may require prophylaxis | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 173

| | |
|--|---|
| Suspected/Known Disease or Microorganism Pleurodynia (Enterovirus, Coxsackievirus) | |
| Clinical Presentation Fever, severe chest and abdominal/lower back pain, headache, malaise | |
| Infectious Substances Feces and respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Contact Precautions |
| Duration of Precautions | |
| ADULT | Not applicable |
| PEDIATRIC | Duration of illness |
| Incubation Period 3-5 days | Period of Communicability ADULT – not applicable PEDIATRIC – duration of illness |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 174

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Pneumocystis jiroveci</i> pneumonia (PJP) – formerly known as <i>P. carinii</i> (PCP) | |
| Clinical Presentation Pneumonia in an immunocompromised resident | |
| Infectious Substances N/A | How it is Transmitted Unknown |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Unknown |
| Comments <ul style="list-style-type: none"> • Ensure roommate is not immunocompromised • Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 175

| | |
|--|---|
| Suspected/Known Disease or Microorganism Pneumonia – bacterial or viral infection | |
| Clinical Presentation Cough, fever, sore throat, difficulty breathing, fatigue. Infection may be present in one or both lungs. | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | |
| Bacterial: | Routine Practices |
| ADULT Viral or Unknown: | Droplet and Contact Precautions |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period Variable | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • See specific organism once identified • Contact Infection Prevention and Control for cohorting considerations - may cohort individuals infected with the same virus once identified • Minimize exposure of immunocompromised residents, children with chronic cardiac or lung diseases, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Residents may have prolonged post-viral dry cough for weeks but this may not represent ongoing acute illness • If TB suspected, see <u>Tuberculosis (TB)</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 176

| | |
|--|--|
| Suspected/Known Disease or Microorganism Poliomyelitis | |
| Clinical Presentation Flaccid paralysis, fever, aseptic meningitis | |
| Infectious Substances Feces, respiratory secretions | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | Contact Precautions |
| Duration of Precautions Until 6 weeks from start of illness or until feces culture negative | |
| Incubation Period 3-35 days | Period of Communicability Duration of shedding is up to 6 weeks |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Close contacts who are not immune should receive immunoprophylaxis. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 177

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Pseudomonas aeruginosa</i> (Metallo-carbapenemase producing**) | |
| Clinical Presentation Asymptomatic or various infections of skin, soft tissue, pneumonia, bacteremia, urinary tract, etc. | |
| Infectious Substances Colonized/infected body sites | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px; display: inline-block;">Contact Precautions</div> |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Not applicable | Period of Communicability Variable |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> • Must demonstrate complete resistance to >3 antibiotic classes usually tested, including carbapenems • **May be identified as Metallo-carbapenemase producing or Metallo-beta-lactamase producing (MBL) <i>Pseudomonas</i> on the lab report • Note: β=beta | |

References: [CDC \(2011\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 178

| | |
|--|---|
| Suspected/Known Disease or Microorganism Psittacosis (ornithosis) – (<i>Chlamydia psittaci</i>) | |
| Clinical Presentation Pneumonia, fever | |
| Infectious Substances Desiccated droppings, secretions and dust of infected birds | How it is Transmitted Acquired from contact with infected birds No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 7-14 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

Q

Q fever (*Coxiella burnetii*)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 180

| | |
|--|--|
| Suspected/Known Disease or Microorganism Q fever (<i>Coxiella burnetii</i>) | |
| Clinical Presentation Pneumonia, fever | |
| Infectious Substances Infected animals, raw milk | How it is Transmitted Acquired from contact with infected animals or ingestion of raw milk No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 14-39 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

R

Rabies

Rash, petechial or purpuric – (potential pathogen *Neisseria meningitidis*)

Rash, vesicular – (potential pathogen Varicella virus)

Rat-bite fever –

Actinobacillus – (formerly *Streptobacillus moniliformis*)

Spirillum minus

Relapsing fever (*Borrelia* spp.)

Rhinovirus

Rickettsialpox (*Rickettsia akari*)

Ringworm (tinea) – (*Trichophyton* spp., *Microsporum* spp., *Epidermophyton* spp.)

Rocky mountain spotted fever (*Rickettsia rickettsii*)

Roseola infantum – Human Herpes virus 6 (HHV6)

Rotavirus

RSV – Respiratory Syncytial Virus

Rubella (German measles) –

Exposed susceptible contact

Acquired

Congenital

Rubeola (Measles) – Exposed susceptible contact

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 182

| | |
|--|--|
| Suspected/Known Disease or Microorganism Rabies | |
| Clinical Presentation <p>Acute encephalomyelitis. First symptoms similar to those of the flu: headache, fever, malaise.</p> <p>There may be a discomfort, prickling or itching sensation at the site of the bite.</p> <p>As the disease progresses more symptoms of delirium, abnormal behavior, hallucinations and insomnia.</p> | |
| Infectious Substances <p>Saliva</p> | How it is Transmitted <p>Acquired from saliva or bite of infected animals</p> <p>Rarely documented via other routes such as contamination of mucous membranes (eyes, nose and mouth) aerosol transmission and corneal and organ transplantations</p> <p>Person-to-person transmission is theoretically possible but rare and not well documented</p> |
| Precautions Needed | Routine Practices |
| Duration of Precautions <p>Not applicable</p> | |
| Incubation Period <p>Highly variable, usually 3-8 weeks, rarely as short as 9 days or as long as 7 years</p> | Period of Communicability <p>Not applicable</p> |
| Comments <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u>. • Post-exposure prophylaxis is recommended for percutaneous or mucosal contamination with saliva of rabid animal | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 183

| | |
|---|--|
| Suspected/Known Disease or Microorganism Rash, petechial or purpuric – (potential pathogen <i>Neisseria meningitidis</i>) | |
| Clinical Presentation Rash (petechial/purpuric) with fever | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact; large droplets |
| Precautions Needed* | Droplet Precautions if <i>Neisseria meningitidis</i> suspected |
| Duration of Precautions If <i>Neisseria meningitidis</i> confirmed, until 24 hours of effective antimicrobial therapy completed. If <i>Neisseria meningitidis</i> and other infectious cause ruled out, discontinue precautions. | |
| Incubation Period If <i>Neisseria meningitidis</i> : Usually 2-10 days | Period of Communicability If <i>Neisseria meningitidis</i> : Until 24 hours of effective antimicrobial therapy completed |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 184

| | |
|--|---|
| Suspected/Known Disease or Microorganism Rash, vesicular – (potential pathogen varicella virus) | |
| Clinical Presentation Fever, rash | |
| Infectious Substances Respiratory secretions, skin lesion drainage | How it is Transmitted Airborne, direct contact and indirect contact |
| Precautions Needed* | Airborne and Contact Precautions |
| Duration of Precautions If Varicella infection is confirmed: until all lesions are dry | |
| Incubation Period See <u>Varicella</u> | Period of Communicability See <u>Varicella</u> |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#)

| | |
|--|--|
| Suspected/Known Disease or Microorganism Rat-bite fever – <i>Actinobacillus</i> – (formerly <i>Streptobacillus moniliformis</i>) <i>Spirillum minus</i> | |
| Clinical Presentation Fever, arthralgia. Additional symptoms can vary for the two types of rat-bite fever Refer to <u>Centers for Disease Control and Prevention (CDC)</u> for more detail. | |
| Infectious Substances Saliva of infected rodents; contaminated milk | How it is Transmitted Bite from infected animals Ingestion of contaminated milk No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 3-10 days for <i>A. moniliformis</i> 7-21 days for <i>S. minus</i> | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> <i>A. moniliformis</i>: acquired from rats and other animals, contaminated milk <i>S minus</i>: acquired from rats, mice only | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 186

| | |
|--|---|
| Suspected/Known Disease or Microorganism Relapsing fever (<i>Borrelia</i> spp.) | |
| Clinical Presentation Recurrent fever, transitory petechial rashes | |
| Infectious Substances Infected lice or tick saliva | How it is Transmitted Acquired by bite of lice or ticks No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 2-18 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 187

| | |
|--|---|
| Suspected/Known Disease or Microorganism Rhinovirus | |
| Clinical Presentation Sore throat, runny nose, coughing, sneezing | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs).</u> ** |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period 2-3 days | Period of Communicability Duration of symptoms |
| Comments <p>*Precautions required are in addition to <u>Routine Practices</u></p> <ul style="list-style-type: none"> May cohort individuals infected with the same virus. Resident should not share room with high-risk roommates (e.g., immunosuppressed) <p>Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted.</p> <ul style="list-style-type: none"> For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 188

| | |
|--|--|
| Suspected/Known Disease or Microorganism Rickettsialpox (<i>Rickettsia akari</i>) | |
| Clinical Presentation Fever, rash | |
| Infectious Substances Infected mouse-mite saliva | How it is Transmitted Acquired by bite of mouse-mite No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 9-14 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 189

| | |
|--|--|
| Suspected/Known Disease or Microorganism Ringworm (tinea) – (<i>Trichophyton</i> spp., <i>Microsporum</i> spp., <i>Epidermophyton</i> spp.) | |
| Clinical Presentation Erythema (on skin, beard, scalp, groin, perineal region), pityriasis versicolor, scaling, lesions, athlete's foot | |
| Infectious Substances Contaminated skin or hair | How it is Transmitted Direct contact (skin to skin) Indirect contact (shared combs, brushes, clothing, hats, sheets, shower stalls) |
| Precautions Needed* | Routine Practices |
| | Contact Precautions Outbreaks |
| Duration of Precautions Not applicable | |
| Incubation Period 4-14 days | Period of Communicability While lesion(s) are present |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> While under treatment for <i>Trichophyton</i>, resident should be excluded from swimming pools and activities likely to lead to exposure of others Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 190

| | |
|---|--|
| Suspected/Known Disease or Microorganism Rocky mountain spotted fever (<i>Rickettsia rickettsii</i>) | |
| Clinical Presentation Fever, petechial rash, encephalitis | |
| Infectious Substances Tick saliva | How it is Transmitted Tick bite Not transmitted person-to-person except rarely by transfusion |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 2-14 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Infection in humans is incidental and is acquired most frequently during blood feeding by the infected tick, rarely through transfusion | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 191

| | |
|--|---|
| Suspected/Known Disease or Microorganism Roseola infantum – Human Herpes virus 6 (HHV6) | |
| Clinical Presentation Rash, fever | |
| Infectious Substances Saliva (presumed) | How it is Transmitted Direct contact (close personal) |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 9-10 days | Period of Communicability Unknown |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 192

| | |
|--|--|
| Suspected/Known Disease or Microorganism Rotavirus | |
| Clinical Presentation Acute fever, vomiting followed by watery diarrhea in 24 to 48 hours Diarrhea may persist for up to 8 days | |
| Infectious Substances Feces, contaminated objects (e.g., toys) | How it is Transmitted Direct contact and indirect contact, and if vomiting, large droplets |
| Precautions Needed* | Contact Precautions |
| | Droplet and Contact Precautions if vomiting |
| Duration of Precautions Until symptoms have stopped for 48 hours and after at least one normal or formed bowel movement OR resident is continent | |
| Incubation Period 1-3 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Prolonged fecal shedding may occur in immunocompromised residents after diarrhea has ceased; Contact Precautions should be maintained until laboratory results are negative. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 193

| | |
|--|---|
| Suspected/Known Disease or Microorganism RSV – Respiratory Syncytial Virus | |
| Clinical Presentation Runny nose, coughing, sneezing, fever, wheezing | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs).</u> ** |
| Duration of Precautions Resolution of acute respiratory infection symptoms or return to baseline. Refer to clinical presentation for examples of symptoms. | |
| Incubation Period 2-8 days | Period of Communicability Duration of symptoms |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • May cohort with others of same confirmed virus. • Minimize exposure of immunocompromised residents, children with chronic cardiac or lung disease, neonates. • For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding. • Contact Infection Prevention and Control for discontinuation of additional precautions. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Refer to <u>AHS Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites</u>. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 194

| Suspected/Known Disease or Microorganism | |
|--|---|
| Rubella (German measles) – | Exposed susceptible contact Acquired Congenital |
| Clinical Presentation | |
| Exposed susceptible contact: | Asymptomatic |
| Acquired: | Fever and maculopapular rash |
| Congenital: | Congenital rubella syndrome in the newborn (mild fever, rash with diffuse red spots and skin eruptions of irregular round shapes) |
| Infectious Substances | |
| Congenital: | Urine and nasopharyngeal secretions |
| All other cases: | Respiratory secretions |
| How it is Transmitted | |
| Congenital: | Direct contact, indirect contact and large droplets |
| All other cases: | Direct contact and large droplets |
| Precautions Needed* | |
| Congenital: | Droplet and Contact Precautions |
| All other cases: | Droplet Precautions |
| Exposed susceptible contact: | Droplet Precautions should be maintained for exposed susceptible residents for 7 days after first contact through to 21 days after last contact. |
| Acquired: | Until 7 days of onset of rash |

(Continued on next page)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 195

| Suspected/Known Disease or Microorganism Rubella (German measles) – <i>(Continued from previous page)</i> | | Exposed susceptible contact Acquired Congenital |
|--|---|--|
| Precautions Needed* <i>(Continued)</i> Congenital: | Precautions will be required during any admission during the first year of life unless nasopharyngeal and urine cultures are done at > 3 months of age and are negative | |
| Duration of Precautions | | |
| Exposed susceptible contact: | Droplet Precautions should be maintained for exposed susceptible residents for 7 days after first contact through to 21 days after last contact. | |
| Acquired: | Until 7 days after onset of rash | |
| Congenital: | Precautions will be required during any admission during the first year of life unless nasopharyngeal and urine cultures are done at > 3 months of age and are negative | |
| Incubation Period All cases: | 14-21 days | |
| Period of Communicability | | |
| Congenital: | Prolonged shedding in respiratory tract and urine can be up to one year | |
| All other cases: | One week before to 7 days after onset of rash, can be contagious up to 14 days after rash appears | |

(Continued on next page)

Suspected/Known Disease or Microorganism

Rubella (German measles) –

(Continued from previous page)

Exposed susceptible contact

Acquired

Congenital

Comments

*Precautions required are in addition to Routine Practices

Congenital:

- Only immune persons should enter the room
- Proof of immunity includes
 - written documentation of receipt of > 1 dose of a rubella-containing vaccine administered on or after the first birthday, **or**
 - laboratory evidence of immunity (IgG); or laboratory confirmed infection.
- Non-immune persons should not enter except in urgent or compassionate circumstances

If immunity is unknown, assume person is non-immune

All other cases:

- Defer non-urgent admission if rubella is present. May admit after rash has resolved
- If possible, only immune healthcare workers, caretakers and visitors should enter the room. If it is essential for a non-immune person to enter the room, facial protection should be worn.
- Administer vaccine to exposed susceptible non-pregnant persons within 3 days of exposure

References: [Canadian Immunization Guide](#), [PHAC \(2012\)](#), [WHO \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 197

| | |
|---|--|
| Suspected/Known Disease or Microorganism | |
| Rubeola (Measles) – Exposed susceptible contact | |
| Clinical Presentation Fever, cough, coryza, conjunctivitis (3Cs), maculopapular skin rash, koplik spots inside mouth, especially the cheeks | |
| Rubeola (measles): | Fever, cough, coryza, conjunctivitis (3Cs), maculopapular skin rash, koplik spots inside mouth, especially the cheeks |
| Exposed susceptible contact: | May be asymptomatic |
| Infectious Substances Exhaled airborne particles | How it is Transmitted Airborne |
| Precautions Needed* | Airborne Precautions |
| Duration of Precautions | |
| Rubeola (measles): | 4 days after start of rash in immunocompetent residents or until all symptoms are gone in <u>immunocompromised residents</u> . |
| Exposed susceptible contact: | 5 days after first exposure until 21 days after last exposure |
| Incubation Period | 7-18 days |
| Period of Communicability | |
| Rubeola (measles): | 5 days before onset of rash until 4 days after onset of rash |
| Exposed susceptible contact: | Potentially communicable during last 2 days of incubation period |

(Continued on next page)

Suspected/Known Disease or Microorganism

Rubeola (Measles) – Exposed susceptible contact

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

All Cases:

- Individuals with known immunity (serological proof of immunity; immunization with 2 appropriately timed doses of measles-containing vaccine), or received a minimum dose of Immunoglobulin (0.25/kg) within 5 months of exposure **are not** required to wear the N95 respirator when entering the room
- Susceptible healthcare workers should not enter the room if immune staff are available. If they must enter the room, an N95 respirator must be worn.
- Other non-immune persons should not enter except in urgent or compassionate circumstances. If immunity is unknown, assume person is non-immune.
- Immunoprophylaxis is indicated for susceptible contacts.
- Precautions should be taken with neonates born to mother with measles infection at delivery
- Refer to: Infection Prevention and Control Considerations for Immunocompromised Patients

Discharge Settle Time

Non-negative pressure rooms:

- Do not admit a new resident into this room for at least 2 hours. If entering room before 2 hours and non-immune, wear an N95 respirator

Negative pressure rooms:

- Do not admit a new resident into this room for at least 45 minutes. If entering room before 45 minutes, and non-immune, wear an N95 respirator
- Alternatively, if specific air exchange rates for the room are known, refer to Table 1: Air Clearance Rates to determine discharge settle times

Rubeola (measles):

- **Physician to Notify Medical Officer of Health of case by fastest means possible**

Exposed susceptible contact:

- Defer non-urgent admission if a non-immune person is incubating the disease

References: [PHAC \(2012\)](#)

S

Salmonella (*Salmonella* spp.)

SARS CoV – (Severe acute respiratory syndrome, Coronavirus)

Scabies (*Sarcoptes scabiei*), Rash – compatible with scabies (Ectoparasite)

Scarlet fever

Schistosomiasis (*Schistosoma* spp.)

Septic arthritis – (*Haemophilus influenzae* type B [HIB] [possible in non-immune child <5 years of age],
Streptococcus Group A, *Staphylococcus aureus*, many other bacteria)

Shigella (*Shigella* spp.)

Shingles

Smallpox (variola major virus, variola minor virus)

Sporotrichosis (*Sporothrix schenckii*)

Staphylococcus aureus – MRSA

Staphylococcus aureus – not MRSA – And other *Streptococci*, excluding Group A

Pneumonia

Skin infection

Staphylococcal scalded skin syndrome (Ritter's disease)

Stenotrophomonas maltophilia

Streptococcus Group A (GAS)

Streptococcus, Group B (*Streptococcus agalactiae*)

Streptococcus pneumoniae

Strongyloidiasis (*Strongyloides stercoralis*)

Syphilis (*Treponema pallidum*)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 200

| | |
|---|---|
| Suspected/Known Disease or Microorganism Salmonella (<i>Salmonella</i> spp.) | |
| Clinical Presentation Diarrhea, enteric fever, typhoid fever, food poisoning | |
| Infectious Substances Feces | How it is Transmitted Direct contact, indirect contact and foodborne |
| Precautions Needed* | Contact Precautions If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 6-72 hours for diarrhea; 3-60 days for enteric fever | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 201

| | |
|--|--|
| Suspected/Known Disease or Microorganism SARS CoV – (Severe acute respiratory syndrome, Coronavirus) | |
| Clinical Presentation Fever, cough, runny nose, sore throat, pneumonia (shortness of breath, discomfort during breathing) | |
| Infectious Substances Respiratory secretions and exhaled droplets and airborne particles, stool | How it is Transmitted Direct contact, indirect contact and large droplets |
| Precautions Needed* | Droplet and Contact Precautions Perform Point of Care Risk Assessment and wear fit tested N95 respirator when performing <u>Aerosol-generating medical procedures (AGMPs)</u> For more information refer to <u>Interim Guidance-Novel Coronavirus</u> |
| Duration of Precautions Duration of precautions will be determined on a case-by-case basis and in conjunction with Infection Prevention and Control, and the Medical Officer of Health. | |
| Incubation Period 3-10 days | Period of Communicability Unknown / variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to Notify Medical Officer of Health of case by fastest means possible • Contact Infection Prevention and Control for discontinuation of precautions Minimize exposure to immunocompromised residents, children with chronic cardiac or lung disease, nephritic syndrome, neonates. These residents should not be cohorted. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> • Immunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding. ** For complete list of <u>AGMPs</u> | |

References: [PHAC \(2012\)](#),

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 202

| | |
|--|--|
| Suspected/Known Disease or Microorganism Scabies (<i>Sarcoptes scabiei</i>), Rash – compatible with scabies (ectoparasite) | |
| Clinical Presentation Scales or blisters with intense itching especially at night, pimple like rash. Track like burrows in the skin. In early stages can look like acne, mosquito bites. Crusted or severe scabies may present with vesicles and thick crusts over the skin, and lack the typical intense itching to clinical presentation. | |
| Infectious Substances Mite | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div>Contact Precautions</div> |
| Duration of Precautions Until 24 hours after initiation of effective treatment | |
| Incubation Period Initial infestation: 2-6 weeks Re-infection: 1-4 days after re-exposure | Period of Communicability Until mites and eggs are destroyed by treatment, usually after 1 or 2 courses of treatment, a week apart |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Apply scabicide as directed on label • Wash clothes and bedding in hot water, dry clean or seal in a plastic bag and store for 1 week • Household and sexual contacts should be treated | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 203

| | |
|---|---|
| Suspected/Known Disease or Microorganism Schistosomiasis (<i>Schistosoma</i> spp.) | |
| Clinical Presentation Diarrhea, fever, itchy rash, hepatosplenomegaly, hematuria | |
| Infectious Substances Contaminated water | How it is Transmitted Acquired by contact with larvae in contaminated water No person-to-person transmission |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;"> Routine Practices </div> |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 204

| | |
|--|--|
| Suspected/Known Disease or Microorganism Septic arthritis – (<i>Haemophilus influenzae</i> type B [HIB] [possible in non-immune child <5 years of age], <i>Streptococcus</i> Group A, <i>Staphylococcus aureus</i>, many other bacteria) | |
| Clinical Presentation Inability to move the limb with the infected joint (pseudoparalysis), intense joint pain, joint swelling, joint redness, low fever | |
| Infectious Substances Respiratory secretions if HIB | How it is Transmitted Direct contact if HIB and large droplet if HIB |
| Precautions Needed* | |
| ADULT | Routine Practices |
| PEDIATRIC | Droplet Precautions - if HIB |
| Duration of Precautions If HIB until 24 hours of effective antimicrobial therapy completed | |
| Incubation Period Not applicable | Period of Communicability Not applicable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 205

| | |
|--|---|
| Suspected/Known Disease or Microorganism Shigella (<i>Shigella</i> spp.) | |
| Clinical Presentation Diarrhea | |
| Infectious Substances Feces | How it is Transmitted Direct contact and indirect contact (fecal-oral) |
| Precautions Needed* | Contact Precautions If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 1-3 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Treatment with effective antimicrobial therapy shortens period of infectivity | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 206

| | |
|--|--|
| Suspected/Known Disease or Microorganism Smallpox (variola major virus, variola minor virus) | |
| Clinical Presentation Fever, vesicular/pustular lesions in appropriate epidemiologic context | |
| Infectious Substances Skin lesion exudate, oropharyngeal secretions | How it is Transmitted Direct contact, indirect contact and airborne |
| Precautions Needed* | Airborne Precautions |
| | DROPLET AND CONTACT PRECAUTIONS |
| Duration of Precautions 3-4 weeks after onset of rash when all crusts have separated | |
| Incubation Period 7-10 days | Period of Communicability 3-4 weeks after onset of rash when all crusts have separated |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> Physician to notify Medical Officer of Health of case by fastest means possible May be Bioterrorism related If the resident is deceased, refer to the <u>Alberta Bodies of Deceased Persons Regulations</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 207

| | |
|--|--|
| Suspected/Known Disease or Microorganism Sporotrichosis (<i>Sporothrix schenckii</i>) | |
| Clinical Presentation Skin lesions | |
| Infectious Substances Contaminated soil, vegetation | How it is Transmitted Acquired from spores in soil or vegetation No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 208

| | |
|--|--|
| Suspected/Known Disease or Microorganism <i>Staphylococcus aureus</i> – MRSA | |
| Clinical Presentation Asymptomatic or various infections of skin, soft tissue, pneumonia, bacteremia, urinary tract, etc. Infection or colonization of any body site | |
| Infectious Substances Surface skin, secretions Respiratory secretions if pneumonia | How it is Transmitted Direct contact, indirect contact and large droplets (if pneumonia) |
| Precautions Needed* | <u>Additional Precautions for ARO Positive Residents in Continuing Care</u> |
| | Droplet and Contact Precautions if resident has active MRSA pneumonia |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 209

| | | |
|---|--|--|
| Suspected/Known Disease or Microorganism <i>Staphylococcus aureus</i> – not MRSA And other <i>Streptococci</i> , excluding Group A | | <u>Pneumonia</u> Skin infection Staphylococcal scalded skin syndrome (Ritter’s disease) |
| Clinical Presentation | | |
| Pneumonia: | Pneumonia | |
| Skin infection: | Wound or burn infections, skin infection, furuncles, impetigo, scalded skin syndrome | |
| Scalded skin syndrome (Ritter’s disease): | Painful, rash with thick white/brown flakes, fluid filled blisters | |
| Infectious Substances | | |
| Pneumonia: | Possibly respiratory secretions | |
| All other cases: | Skin exudates and drainage | |
| How it is Transmitted | | |
| Pneumonia: | Not applicable | |
| All other cases: | Direct contact and indirect contact | |

(Continued on next page)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 210

| | | |
|---|--|--|
| Suspected/Known Disease or Microorganism <i>Staphylococcus aureus</i> – not MRSA And other <i>Streptococci</i>, excluding Group A <i>(Continued from previous page)</i> | | <u>Pneumonia</u> Skin infection Staphylococcal scalded skin syndrome (Ritter’s disease) |
| Precautions Needed* | | |
| Pneumonia: | | |
| ADULT | | Routine Practices |
| PEDIATRIC | | Droplet Precautions |
| All other cases: | | Routine Practices - Minor drainage contained by dressing Contact Precautions - Major drainage not contained by dressing |
| Duration of Precautions | | |
| Pneumonia: | | |
| ADULT | | |
| PEDIATRIC | | Not applicable 24 hrs. effective antimicrobial therapy |
| All other cases: | | Until drainage has stopped or is able to be contained by dressings |

(Continued on next page)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 211

| | | |
|--|--|---|
| <p>Suspected/Known Disease or Microorganism</p> <p><i>Staphylococcus aureus</i> – not MRSA</p> <p>And other <i>Streptococci</i>, excluding Group A</p> <p><i>(Continued from previous page)</i></p> | | <p><u>Pneumonia</u></p> <p>Skin infection</p> <p>Staphylococcal scalded skin syndrome (Ritter’s disease)</p> |
| <p>Incubation Period</p> <p>Variable</p> | <p>Period of Communicability</p> <p>Pneumonia: Variable</p> <p>All other cases: While organism is present in drainage</p> | |
| <p>Comments</p> <p>*Precautions required are in addition to <u>Routine Practices</u></p> | | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 212

| | |
|---|---|
| Suspected/Known Disease or Microorganism <i>Stenotrophomonas maltophilia</i> | |
| Clinical Presentation Infection or colonization of respiratory secretions/sputum, sepsis | |
| Infectious Substances Respiratory secretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | <div>Contact Precautions</div> In High Risk Settings only ** |
| Duration of Precautions Determined on a case by case bases. Contact Infection Prevention and Control for discontinuation of precautions | |
| Incubation Period Unknown | Period of Communicability While organism is in respiratory secretions |
| Comments *Precautions required are in addition to <u>Routine Practices</u> When clusters or outbreaks occur IPC may initiate <div>Contact Precautions</div> ** High Risk Settings: Initiate Contact Precautions in high risk settings where residents are ventilated or have tracheostomies (e.g., ICU, NICU, any unit where residents have tracheostomies) | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 213

| | |
|--|--|
| Suspected/Known Disease or Microorganism <i>Streptococcus, Group B (Streptococcus agalactiae)</i> | |
| Clinical Presentation Sepsis, meningitis | |
| Infectious Substances Normal flora | How it is Transmitted Mother to infant shortly before or during delivery |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Early onset: < 7days Late onset: 7 days to 3 months of age | Period of Communicability Variable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 214

| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Streptococcus pneumoniae</i> | |
| Clinical Presentation Meningitis, bacteremia, epiglottitis, pneumonia | |
| Infectious Substances Normal flora | How it is Transmitted Not applicable |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 215

| | |
|--|--|
| Suspected/Known Disease or Microorganism Strongyloidiasis (<i>Strongyloides stercoralis</i>) | |
| Clinical Presentation Usually asymptomatic | |
| Infectious Substances Larvae in feces | How it is Transmitted Penetration of skin by larvae Rarely transmitted person-to-person |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Although usual route of transmission is through skin contact of contaminated soil, Fecal-oral transmission can occur. May cause disseminated disease in immunocompromised resident. Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 216

| | |
|---|---|
| Suspected/Known Disease or Microorganism Syphilis (<i>Treponema pallidum</i>) | |
| Clinical Presentation Genital, skin or mucosal lesions, disseminated disease, neurological or cardiac disease, latent infection | |
| Infectious Substances Genital secretions, lesion exudates | How it is Transmitted Mom to newborn or fetus, sexual contact and direct contact with infectious exudates or lesions |
| Precautions Needed* | Routine Practices |
| | Contact Precautions infants with congenital syphilis until 24 hours of effective antimicrobial therapy completed |
| Duration of Precautions Not applicable | |
| Incubation Period 10-90 days | Period of Communicability Communicability exists when moist mucocutaneous lesions of primary and secondary syphilis are present (generally after one year of infection) |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

T

- Tapeworm (*Taenia saginata*, *Taenia solium*, *Diphyllobothrium latum*, *Hymenolepsis nana*)
- Tetanus (*Clostridium tetani*)
- Toxic shock syndrome
- Toxocariasis (*Toxocara canis*, *Toxocara cati*)
- Toxoplasmosis (*Toxoplasma gondii*)
- Trachoma (*Chlamydia trachomatis*)
- Trench fever (*Bartonella quintana*)
- Treponema pallidum*
- Trichinosis (*Trichinella spiralis*)
- Trichomoniasis (*Trichomonas vaginalis*)
- Trichuriasis – whipworm (*Trichuris trichiura*)
- Tuberculosis (TB) –
 - Extrapulmonary (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)
 - Pulmonary disease (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)
 - Non-pulmonary
- Tularemia (*Francisella tularensis*)
- Typhoid or Paratyphoid fever (*Salmonella typhi*, *Salmonella paratyphi*)
- Typhus fever (*Rickettsia typhi*, *Rickettsia prowazekii*)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 218

| | |
|---|---|
| Suspected/Known Disease or Microorganism Tapeworm (<i>Taenia saginata</i>, <i>Taenia solium</i>, <i>Diphyllobothrium latum</i>, <i>Hymenolepsis nana</i>) | |
| Clinical Presentation Usually asymptomatic | |
| Infectious Substances Ova in feces | How it is Transmitted Direct contact and foodborne |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;"> Routine Practices </div> |
| Duration of Precautions Not applicable | |
| Incubation Period Variable when foodborne, 2-4 weeks if contact with feces | Period of Communicability <i>T. saginata</i> is not directly transmitted person-to-person, however <i>T. solium</i> can be. Eggs may be viable in the environment for months. |
| Comments <ul style="list-style-type: none"> Consumption of larvae in raw or undercooked beef, pork or raw fish; larvae develop into adult tapeworms in gastrointestinal tract | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 219

| | |
|--|--|
| Suspected/Known Disease or Microorganism Tetanus (<i>Clostridium tetani</i>) | |
| Clinical Presentation Headache, jaw cramping, sudden involuntary muscle tightening, painful muscle stiffness all over body, trouble swallowing, seizures, fever, sweating, high blood pressure and fast heart rate | |
| Infectious Substances Soil or fomites contaminated with animal and human feces | How it is Transmitted Tetanus spores are usually introduced through a puncture wound contaminated with soil or feces No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1 day to several months | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 220

| | |
|--|---|
| Suspected/Known Disease or Microorganism Toxocariasis (<i>Toxocara canis</i>, <i>Toxocara cati</i>) | |
| Clinical Presentation Fever, wheeze, rash, eosinophilia | |
| Infectious Substances Acquired from contact with dogs, cats | How it is Transmitted Ova in dog or cat feces |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 221

| | |
|--|--|
| Suspected/Known Disease or Microorganism Toxoplasmosis (<i>Toxoplasma gondii</i>) | |
| Clinical Presentation Asymptomatic or fever, lymphadenopathy, retinitis, encephalitis in immunocompromised resident, congenital infection | |
| Infectious Substances Cat feces, contaminated soil | How it is Transmitted Acquired by contact with infected cat feces or soil contaminated by cats, consumption of raw meat, contaminated raw vegetables or contaminated water No person-to-person transmission except mother to fetus. |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 5-23 days | Period of Communicability |
| Comments <ul style="list-style-type: none"> For immunocompromised resident, precautions need to be maintained for a longer duration due to prolonged viral shedding: Refer to: <u>Infection Prevention and Control Considerations for Immunocompromised Patients</u> Oocysts shed by cats become infective 1-5 days later and can remain viable in the soil for a year. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 222

| | |
|---|--|
| Suspected/Known Disease or Microorganism Trachoma (<i>Chlamydia trachomatis</i>) | |
| Clinical Presentation Conjunctivitis | |
| Infectious Substances Ocular drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 5-12 days | Period of Communicability As long as organism is present in secretions |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 223

| | |
|---|--|
| Suspected/Known Disease or Microorganism Trench fever (<i>Bartonella quintana</i>) | |
| Clinical Presentation Headache, malaise, pain and tender shins, splenomegaly, rash | |
| Infectious Substances Feces of human body lice | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 7-30 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 224

| | |
|---|--|
| Suspected/Known Disease or Microorganism Trichinosis (<i>Trichinella spiralis</i>) | |
| Clinical Presentation Fever, rash, diarrhea | |
| Infectious Substances Acquired from consumption of infected meat | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 5-45 days | Period of Communicability Not applicable |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 225

| | |
|---|---|
| Suspected/Known Disease or Microorganism Trichomoniasis (<i>Trichomonas vaginalis</i>) | |
| Clinical Presentation Vaginitis | |
| Infectious Substances Vaginal secretions and urethral discharges of infected people | How it is Transmitted Sexual contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 4-28 days | Period of Communicability Duration of infection |
| Comments | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 226

| | |
|--|--|
| Suspected/Known Disease or Microorganism Trichuriasis – whipworm (<i>Trichuris trichiura</i>) | |
| Clinical Presentation Abdominal pain, diarrhea | |
| Infectious Substances Acquired from ova in soil | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Unknown | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Acquired through ingestion of contaminated soil. Ova must hatch in soil to be infective. | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 227

| | |
|--|--|
| Suspected/Known Disease or Microorganism Tuberculosis (TB) – Extrapulmonary (Mycobacterium tuberculosis); (also <i>M. africanum</i>, <i>M. bovis</i>, <i>M. caprae</i>, <i>M. microti</i>, <i>M. pinnipedii</i>, <i>M. canetti</i>, <i>M. bovis BCG</i>) Pulmonary disease (Mycobacterium tuberculosis); (also <i>M. africanum</i>, <i>M. bovis</i>, <i>M. caprae</i>, <i>M. microti</i>, <i>M. pinnipedii</i>, <i>M. canetti</i>, <i>M. bovis BCG</i>) | |
| Clinical Presentation | |
| Extrapulmonary: | Meningitis, bone, joint infection, draining lesions |
| Pulmonary: | Confirmed or suspected pulmonary tuberculosis (may include pneumonia, cough, fever, night sweats, weight loss), laryngeal tuberculosis |
| Infectious Substances | |
| Extrapulmonary: | Drainage |
| Pulmonary: | Exhaled airborne particles |
| How it is Transmitted | |
| Extrapulmonary: | Aerosolized wound drainage |
| Pulmonary: | Airborne |
| Precautions Needed* | |
| Extrapulmonary: | Airborne Precautions required only if procedures that may aerosolize drainage are being performed or suspicion of miliary tuberculosis with pulmonary involvement |
| Pulmonary: | Airborne Precautions |

(Continued on next page)

| | |
|---|--|
| Suspected/Known Disease or Microorganism Tuberculosis (TB) – Extrapulmonary (<i>Mycobacterium tuberculosis</i>); (also <i>M. africanum</i>, <i>M. bovis</i>, <i>M. caprae</i>, <i>M. microti</i>, <i>M. pinnipedii</i>, <i>M. canetti</i>, <i>M. bovis</i> BCG) Pulmonary disease (<i>Mycobacterium tuberculosis</i>); (also <i>M. africanum</i>, <i>M. bovis</i>, <i>M. caprae</i>, <i>M. microti</i>, <i>M. pinnipedii</i>, <i>M. canetti</i>, <i>M. bovis</i> BCG) <i>(Continued from previous page)</i> | |
| Duration of Precautions | |
| Extrapulmonary: | While viable organisms are in drainage |
| Pulmonary: | Criteria for discontinuing precautions include: 1. Receipt of 2 weeks effective treatment, AND 2. Clinical improvement, AND Three (3) consecutive negative Acid Fast Bacilli sputums collected following the Provincial Laboratory's Guide to Services document. If multi-drug resistant tuberculosis, until culture negative |
| Incubation Period | |
| All Cases: | Weeks to years |
| Period of Communicability | |
| Extrapulmonary: | Only during procedures which may result in aerosolization of infected drainage |
| Pulmonary: | While organisms are in sputum |

(Continued on next page)

Suspected/Known Disease or Microorganism

Tuberculosis (TB) –

Extrapulmonary (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)

Pulmonary disease (*Mycobacterium tuberculosis*); (also *M. africanum*, *M. bovis*, *M. caprae*, *M. microti*, *M. pinnipedii*, *M. canetti*, *M. bovis BCG*)

(Continued from previous page)

Comments

*Precautions required are in addition to Routine Practices

Extrapulmonary:

- **Physician to notify Medical Officer of Health of case by fastest means possible**
- Assess for concurrent pulmonary tuberculosis
- Avoid procedures that may generate aerosols from drainage

Pulmonary:

- **Physician to Notify Medical Officer of Health of case by fastest means possible.**
- Contact Infection Prevention and Control for discontinuation of precautions
- Young children with tuberculosis are rarely infectious as they usually do not cough or have cavitary disease so may not require **AIRBORNE PRECAUTIONS**. **AIRBORNE PRECAUTIONS** should be implemented until an expert in tuberculosis management deems the resident non-infectious.
- Household/close contacts visiting pediatric residents admitted with suspected TB should remain in the resident's room and when leaving the room should wear a procedure mask until active TB disease can be ruled out in the visiting contacts.
- If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations.

• **Discharge Settle Time**

Non-negative pressure rooms:

- Do not admit a new resident into this room for at least 2 hours. If entering room before 2 hours, wear an N95 respirator

Negative pressure rooms:

- Do not admit a new resident into this room for at least 45 minutes. If entering room before 45 minutes, wear an N95 respirator
- Alternatively, if specific air exchange rates for the room are known, refer to Table 1: Air Clearance Rates to determine discharge settle times

References: [PHAC \(2012\)](#), [CDC \(2016\)](#), [GOVT AB \(2013\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 230

| | |
|--|--|
| Suspected/Known Disease or Microorganism Tularemia (<i>Francisella tularensis</i>) | |
| Clinical Presentation Fever, lymphadenopathy, pneumonia | |
| Infectious Substances Acquired from contact with infected animals | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 1-14 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> Physician to notify Medical Officer of Health of case by fastest means possible May be bioterrorism related | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 231

| | |
|---|---|
| Suspected/Known Disease or Microorganism Typhoid or Paratyphoid fever (<i>Salmonella typhi</i>, <i>Salmonella paratyphi</i>) | |
| Clinical Presentation Sustained fever, headache, malaise, anorexia | |
| Infectious Substances Feces, urine | How it is Transmitted Direct contact, indirect contact and foodborne |
| Precautions Needed* | Contact Precautions If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 3-60 days for enteric fever | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> • Physician to notify Medical Officer of Health of case by fastest means possible | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 232

| | |
|---|--|
| Suspected/Known Disease or Microorganism Typhus fever (<i>Rickettsia typhi</i>, <i>Rickettsia prowazekii</i>) | |
| Clinical Presentation Fever, rash | |
| Infectious Substances Acquired from bite of fleas or lice | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 5-14 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Physician to notify Medical Officer of Health of case by fastest means possible • If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations | |

References: [PHAC \(2012\)](#)

U

Urinary tract infection

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 234

| | |
|---|--|
| Suspected/Known Disease or Microorganism Urinary tract infection | |
| Clinical Presentation May vary depending on individual but often involves pain/burning during urination, frequency, urgency, suprapubic/back pain. | |
| Infectious Substances Urine | How it is Transmit Direct and Indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments <ul style="list-style-type: none"> • See specific organism once identified • Additional precautions not required unless infection caused by a multi-drug-resistant organism | |

References: [CDC \(2007\)](#)

V

Vancomycin-intermediate *Staphylococcus aureus* (VISA)

Vancomycin-resistant *Enterococcus* (VRE)

Vancomycin-resistant *Staphylococcus aureus* (VRSA)

Varicella zoster virus – Chickenpox

Chickenpox – Exposed susceptible contact

Chickenpox – Known case

Varicella zoster virus – Herpes Zoster: Shingles

Shingles - Disseminated Shingles

Shingles - Exposed susceptible contact

Shingles - Immunocompromised resident, localized (1 or 2 dermatomes)

Shingles - Localized (1 or 2 dermatomes AND lesions that CANNOT be covered with dressings or clothing)

Shingles - Localized (1 or 2 dermatomes AND lesions that CAN be covered with dressings or clothing)

Viral Hemorrhagic Fever (VHS)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 236

| | |
|---|--|
| Suspected/Known Disease or Microorganism Vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA) | |
| Clinical Presentation Infection or colonization of any body site | |
| Infectious Substances Infected or colonized secretions/excretions Respiratory secretions if pneumonia | How it is Transmitted Direct contact and indirect contact, and large droplets (if pneumonia) |
| Precautions Needed* | Contact Precautions |
| | Droplet and Contact Precautions if resident has active VISA pneumonia |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Duration of colonization |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table

Recommendations for Management of Residents

Continuing Care | 237

| | |
|--|--|
| Suspected/Known Disease or Microorganism Vancomycin-resistant <i>Enterococcus</i> (VRE) | |
| Clinical Presentation Infection or colonization of any body site (infections of the urinary tract, the bloodstream, or of wounds associated with catheters or surgical procedures) | |
| Infectious Substances Infected or colonized secretions, excretions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Additional Precautions for ARO Positive Residents in Continuing Care |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Duration of colonization |
| Comments *Precautions required are in addition to Routine Practices | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 238

| | |
|---|---|
| Suspected/Known Disease or Microorganism Vancomycin-resistant <i>Staphylococcus aureus</i> (VRSA) | |
| Clinical Presentation Infection or colonization of any body site | |
| Infectious Substances Infected or colonized secretions, excretions Respiratory secretions if pneumonia | How it is Transmitted Direct contact, indirect contact, and large droplets (if pneumonia) |
| Precautions Needed* | Contact Precautions |
| | Droplet and Contact Precautions if resident has active VRSA pneumonia |
| Duration of Precautions As directed by Infection Prevention and Control | |
| Incubation Period Variable | Period of Communicability Duration of colonization |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| Suspected/Known Disease or Microorganism Varicella zoster virus – Chickenpox | Chickenpox: Exposed susceptible contact | Chickenpox: Known case |
|--|---|---|
| Clinical Presentation | Asymptomatic | Generalized, Itchy, vesicular rash with lesions in varying stages of weeping, crusting, mild fever. Rash usually appears first on the head, chest and back before spreading to the rest of the body. Vesicular lesions are mostly concentrated on the chest and back. |
| Infectious Substances | If lesions develop: vesicular fluid and exhaled airborne particles | Vesicular fluid, respiratory secretions |
| How it is Transmitted | Exhale droplets, Airborne | Airborne, direct contact, indirect contact |
| Precautions Needed* | <u>AIRBORNE PRECAUTIONS</u> | <u>Airborne and Contact Precautions</u> |
| Duration of Precautions | From 8 days after first contact until 21 days after last contact with person with active disease (or 28 days if given VZIG) | Until all lesions have crusted and dried |
| Incubation Period | 10-21 days or 28 days if given VZIG | 10-21 days |
| Period of Communicability | Once incubation period has ended and no lesions have developed | Until all lesions have crusted and dried 2 days before lesions appear until all lesions have crusted and dried |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | <ul style="list-style-type: none">Non-immune persons should not enter except in urgent or compassionate circumstances. If immunity is unknown, assume person is non-immune.Susceptible non-immune healthcare workers should not enter the room during the incubation period of exposed residents (day 8 from exposure to additional 21 or 28 days if given VZIG) if immune staff are available. If non-immune staff must enter the room an N95 respirator must be wornIndividuals with known immunity (history of past illness or vaccination with 2 appropriately timed doses of varicella vaccine or laboratory evidence of immunity) are not required to wear the N95 respirator when entering the roomDefer non-urgent admissions if there is an exposed susceptible contact within their incubation period.Newborn: If mom develops chickenpox <5 days before giving birth or 48 hours after, place newborn on Airborne Precautions. Newborn needs to be assessed for VZIG and put on Airborne Precautions till assessed by IPC.If lesions develop, the contact becomes a known case. Follow recommendations for a known case and place resident on Airborne and Contact PrecautionsExposure to either chickenpox or shingles can result in a chickenpox infection in Varicella susceptible individuals. | All Cases: <ul style="list-style-type: none">Exercise care when handling dressings, clothing or other materials that may be contaminated with vesicular fluidNon-immune persons should not enter except in urgent or compassionate circumstances. If immunity is unknown, assume person is non-immuneSusceptible healthcare workers should not enter the room if immune staff are available. If they must enter the room an N95 respirator must be wornIndividuals with known immunity (history of past illness or vaccination with 2 appropriately timed doses of varicella vaccine or laboratory evidence of immunity) are not required to wear the N95 respirator when entering the roomDefer non-urgent admissions if chickenpox or disseminated zoster is present Discharge Settle Time Non-negative pressure rooms: <ul style="list-style-type: none">Do not admit a new resident into this room for at least 2 hours. If entering room before 2 hours and non-immune, wear an N95 respirator Negative pressure rooms: <ul style="list-style-type: none">Do not admit a new resident into this room for at least 45 minutes. If entering room before 45 minutes, and non-immune, wear an N95 respiratorAlternatively, if specific air exchange rates for the room are known, refer to Table 1: Air Clearance Rates to determine discharge settle timesSusceptible high-risk contacts should be given VZIG as soon as possible within 10 days of exposureImmunocompromised resident additional precautions need to be maintained for a longer duration due to prolonged viral shedding |

| Suspected/Known Disease or Microorganism Varicella zoster virus – Herpes Zoster: Shingles | Shingles - Localized (1 or 2 dermatomes AND lesions that CAN be covered with dressings or clothing | Shingles - Localized (1 or 2 dermatomes AND lesions that CANNOT be covered with dressings or clothing | Shingles - Immunocompromised resident, localized (1 or 2 dermatomes) | Shingles - Disseminated | Shingles - Exposed susceptible contact |
|---|--|---|--|--|---|
| Clinical Presentation | Vesicular lesions in a dermatomal distribution, refer to Dermatome Chart | | | Vesicular lesions that involve multiple areas (>2 dermatomes) with possible visceral complications, refer to Dermatome Chart | Asymptomatic |
| Infectious Substances | Vesicular fluid | | Vesicular fluid, respiratory secretions | | Exhaled airborne particles |
| How it is Transmitted | Direct contact and indirect contact | | Airborne, direct contact, indirect contact | | Airborne |
| Precautions Needed* | <u>Routine Practices</u> | <u>Contact Precautions</u> | <u>Airborne and Contact Precautions</u> | | <u>AIRBORNE PRECAUTIONS</u> |
| Duration of Precautions | Not applicable | Until all lesions have crusted and dried | | | From 8 days after first contact until 21 days after last contact with person with active disease (or 28 days if given VZIG) |
| Incubation Period | Not applicable | 10-21 days or 28 days if given VZIG | | | |
| Period of Communicability | Not applicable | Until all lesions have crusted and dried | | | Once incubation period has ended and no lesions have developed |
| Comments *Precautions required are in addition to Routine Practices | • Exercise care when handling dressings, clothing or other materials that may be contaminated with vesicular fluid | | | | <ul style="list-style-type: none">Newborn: If mom develops chickenpox <5 days before giving birth or 48 hours after, place newborn on Airborne Precautions. Newborn needs to be assessed for VZIG and put on AirborneIf lesions develop, the contact becomes a known case. Follow recommendations for a known case and place resident on Airborne and Contact Precautions |
| < | | | | | |

W

West Nile (West Nile virus)

Western equine encephalitis

Whooping cough

Wound infection – (*Staphylococcus aureus*, *Streptococcus* Group A, many other bacteria)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 242

| | |
|--|---|
| Suspected/Known Disease or Microorganism West Nile (West Nile virus) | |
| Clinical Presentation Sudden onset fever, headache, muscle pain and weakness, abdominal pain, nausea, vomiting and diarrhea, may have rash | |
| Infectious Substances <i>Culex</i> mosquito | How it is Transmitted No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period Variable, usually 3-21 days | Period of Communicability Communicability of disease not seen except by organ transplant, breast milk or transplacental |
| Comments <ul style="list-style-type: none"> Physician to notify Medical Officer of Health | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

| | |
|--|--|
| Suspected/Known Disease or Microorganism Western equine encephalitis | |
| Clinical Presentation Fever, encephalomyelitis | |
| Infectious Substances <i>Aedes</i> and <i>Culex</i> mosquito | How it is Transmitted Bite of mosquito No person-to-person transmission |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 5-15 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> • Virus found in birds, bats, and possible rodents • Physician to notify Medical Officer of Health | |

References: [PHAC \(2012\)](#)

| | |
|--|--|
| Suspected/Known Disease or Microorganism Wound infection – (<i>Staphylococcus aureus</i>, <i>Streptococcus</i> Group A, many other bacteria) | |
| Clinical Presentation Draining wound, redness or heat around wound, inflammation, rash, blisters, scaly patches | |
| Infectious Substances Drainage | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed* | Routine Practices Minor drainage contained by dressing |
| | Contact Precautions Major drainage not contained by dressing |
| Duration of Precautions Until symptoms resolve or return to baseline | |
| Incubation Period Variable | Period of Communicability Variable |
| Comments *Precautions required are in addition to <u>Routine Practices</u> <ul style="list-style-type: none"> See specific organism once identified | |

References: [PHAC \(2012\)](#)

X

No organisms at this time

Y

Yaws (*Treponema pallidum*)

Yellow fever

Yersinia enterocolitica, *Yersinia pseudotuberculosis*

| | |
|--|---|
| Suspected/Known Disease or Microorganism Yaws (<i>Treponema pallidum</i>) | |
| Clinical Presentation Cutaneous lesions, late stage destructive lesions of skin and bone | |
| Infectious Substances Exudates from skin lesions | How it is Transmitted Direct contact and indirect contact |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 9 days to 3 months | Period of Communicability Variable |
| Comments | |

References: [PHAC \(2012\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 248

| | |
|---|--|
| Suspected/Known Disease or Microorganism Yellow fever | |
| Clinical Presentation Sudden fever, chills, headache, back and muscle aches, nausea, vomiting, prostration | |
| Infectious Substances Human blood | How it is Transmitted Bite of mosquito Person-to-person transmission not seen |
| Precautions Needed | Routine Practices |
| Duration of Precautions Not applicable | |
| Incubation Period 3-6 days | Period of Communicability Not applicable |
| Comments <ul style="list-style-type: none"> If the resident is deceased, refer to the Alberta Bodies of Deceased Persons Regulations. Physician to notify Medical Officer of Health | |

References: [PHAC \(2012\)](#), [CDC \(2007\)](#)

IPC Diseases and Condition Table
Recommendations for Management of Residents
Continuing Care | 249

| | |
|---|--|
| Suspected/Known Disease or Microorganism <i>Yersinia enterocolitica, Yersinia pseudotuberculosis</i> | |
| Clinical Presentation Diarrhea | |
| Infectious Substances Feces | How it is Transmitted Direct contact, indirect contact and foodborne |
| Precautions Needed* | <div style="border: 1px solid green; padding: 2px; display: inline-block;">Contact Precautions</div> If resident <ul style="list-style-type: none"> • is incontinent • has stools that cannot be contained • has poor hygiene and may contaminate his/her environment |
| Duration of Precautions Until symptoms have stopped for 48 hours AND after at least one normal/baseline or formed bowel movement OR until resident is continent and has good hygiene | |
| Incubation Period 3-7 days | Period of Communicability Until symptoms resolve |
| Comments *Precautions required are in addition to <u>Routine Practices</u> | |

References: [PHAC \(2012\)](#)

Z

- Zika virus (*Flavivirus*)
- Zoster

| | |
|---|---|
| Suspected/Known Disease or Microorganism Zika virus (<i>Flavivirus</i>) | |
| Clinical Presentation Fever, skin rashes, conjunctivitis, muscle and joint pain, malaise, and headache | |
| Infectious Substances Blood, possibly body fluids (some evidence for sexual transmission) Breastmilk* | How it is Transmitted Mosquito bite (mainly <i>Aedes aegypti</i> in tropical regions), potential by ticks, maternal infant transmission in utero, possibly sexually transmitted |
| Precautions Needed | <div style="border: 1px solid black; padding: 2px;">Routine Practices</div> |
| Duration of Precautions Not applicable | |
| Incubation Period 2-12 days | Period of Communicability Not applicable |
| Comments <p>* Zika RNA has been detected in breastmilk: however, at the time of publication there have not been any documented reports of transmission to infants through breastfeeding. The opinion of CATMAT and the World Health Organizations is that “the benefits of breastfeeding for the infant and mother outweigh any potential risk of Zika virus transmission through breastmilk”</p> <ul style="list-style-type: none"> • Infection in humans is acquired most frequently during blood feeding by the infected mosquito • Physician to notify Medical Officer of Health | |

References: [PHAC \(2018\)](#)

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