

DISEASE SPECIFIC ISOLATION PRECAUTIONS - PATIENT MANAGEMENT

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Reviewed: July 2017

Policy Applies to:

All staff employed by Mercy Hospital. Credentialed Specialists, Allied Health Professionals, students and patients will be supported to meet policy requirements.

Related Standards:

- Infection and Prevention and Control Standards NZS 8134.3:2008
- EQuIP 1.5.1 and 1.5.2 Infection Control

Rationale:

This policy provides information on the prevention and management of communicable diseases and outlines measures to prevent patient transmission of communicable diseases.

Definitions:

Communicable diseases are also known as infectious diseases or transmissible diseases. Communicable diseases are an infectious disease transmissible (as from person to person) by direct contact with an infected individual or by contact with discharge (blood, urine, etc.) from an individual or by indirect means (as by vector).

Objectives:

- To provide a safe environment for staff and patients
- To assist in the formulation of an infection prevention and control plan when patients have a communicable disease
- To provide a risk management response when patients have a communicable disease.

Implementation:

- Pre admission patient assessment, screening and alert notification
- Post admission patient monitoring
- MDRO high risk list
- Patient isolation management checklist.

Evaluation:

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- Occupational Health and Infection Prevention and Control monthly report
- IPC Committee meeting.

Appendix 1 - Disease Specific Isolation Precautions - Patient Management

Associated Documents

External

- Communicable Disease Control Manual, Ministry of Health, 2012
- Guidelines for the Control of Methicillin-resistant *Staphylococcus aureus* in New Zealand, Ministry of Health 2002
- Guidelines for the Control of Multidrug-resistant organisms in New Zealand, Ministry of Health, 2007
- Guidelines for Tuberculosis Control in New Zealand, 2010
- Guidelines for the Management of Norovirus Outbreaks In Hospitals and Elderly Care Institutions, Ministry of Health, January 2009
- List of Diseases Notifiable to the Medical Officer of Health, Ministry of Health, 2017.

Internal

- MDRO policy
- Transmission Based Precautions- Isolation policy
- Standard Precautions policy

Acknowledgements

Southern District Health Board, Disease Specific Isolation Precautions, Patient Management 20435 V8 Issued 16/11/2016

Disease-Specific Isolation Precautions – Patient Management

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Abscess <ul style="list-style-type: none"> Draining, major 	Contact	Pus	Until drainage stops or can be contained by dressing	Major = dressing does not adequately contain pus
<ul style="list-style-type: none"> Draining, minor 	Standard	Pus	Duration of illness	Contained in dressings
<ul style="list-style-type: none"> Not draining 	Standard			
Acquired Immune Deficiency Syndrome (AIDS) & HIV +ve Patients	Standard	Blood, body fluids and tissues	Always	AIDS is a notifiable disease. Patient may require specific isolation for superimposed infections
Actinomycosis	Standard			
Adenovirus Infection in Young Children	Contact & Droplet	Respiratory secretions and faeces	Duration of illness	Patients with same infection may share room
<i>Agranulocytosis</i>	Protective		Duration of illness	Consult haematologist
Amoebiasis (Dysentery, amoebic liver abscess) <i>(Entamoeba histolytica)</i>	Standard			
Amoebic Meningo - Encephalitis <i>(Naegleria spp etc)</i>	Standard	Rarely person to person Infected food and water		Notifiable disease Oro-anal transmission

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Anthrax:				
<ul style="list-style-type: none"> Pulmonary 	Standard	Respiratory secretions	Duration of illness	Notifiable disease
<ul style="list-style-type: none"> Cutaneous 	Standard			Notifiable disease
<ul style="list-style-type: none"> Cutaneous draining lesion 				Notifiable disease Contact precautions if large amount of uncontained drainage. Hand wash with soap & water to reduce spore count
<ul style="list-style-type: none"> Aerosolizable spore-containing powder 	Airborne, Contact		Until environment is decontaminated	Contact Medical Officer of Health and Police for advice
Arthropod-Borne Fevers (Arbovirus):				
<ul style="list-style-type: none"> Encephalitis 	Standard	Not usually transmitted person to person. Except rarely by transfusion, West Nile Virus can also be transmitted via organ transplant, breast milk or transplacentally.		Notifiable disease The majority of human infections are asymptomatic or may result in a non-specific flu-like syndrome http://www.cdc.gov/ncidod/dvbid/arbtor/arbde t.htm
<ul style="list-style-type: none"> Other, e.g. Dengue Fever, Yellow Fever, Ross River Virus 	Standard	Blood (including rarely by transfusion)	Duration of illness	Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Ascariasis	Standard			
Aspergillosis	Standard (Contact and airborne if there is massive soft tissue infection with drainage or if irrigation is required)			
Babesiosis	Standard	Blood		Not endemic in New Zealand
Bed Sores (Decubitus Ulcers: Pressure sores)	Contact	Pus, etc.	Until drainage stops or can be contained by dressing	Major = drainage not able to be contained by dressing
<ul style="list-style-type: none"> Major, Staphylococcal or Streptococcal 				
<ul style="list-style-type: none"> Minor 	Standard			
Blastomycosis North American, pulmonary or cutaneous	Standard			
Botulism	Standard			Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Bronchiolitis in Young Children	Contact	Respiratory secretions	Duration of illness	Use surgical mask as per Standard Precautions and until influenza and adenovirus have been ruled out
Bronchitis:				
• Adults	Standard	Respiratory secretions		Use mask as per Standard Precautions
• Young children	Contact	Respiratory secretions	Duration of illness	Use mask as per Standard Precautions
Brucellosis	Standard			Notifiable disease
<i>Burkholderia cepacia</i> (<i>Pseudomonas cepacia</i>)	Standard	Respiratory secretions		Patients must not share room with Cystic fibrosis patient who is not colonised or infected with <i>B.cepacia</i> . Patients with Cystic fibrosis who are not infected or colonised with <i>B.cepacia</i> and who are visiting a <i>B.cepacia</i> -positive patient should wear mask within 1 metre of patient.
Burns				
• Extensive	Protective			
• Extensive with sepsis	Contact	Pus etc.	Duration of illness	
• Minor	Standard			
Campylobacter See "gastroenteritis"				Notifiable disease
Candidiasis	Standard			

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Cat-Scratch Fever	Standard			
Cellulitis (no wounds or exudate)	Standard			(see also under specific pathogen)
Chancroid	Standard			Sexually transmitted
Chickenpox See "Varicella"				
<i>Chlamydia trachomatis</i>				
• Conjunctivitis	Standard	Pus	Duration of illness	
• Genital	Standard	Genital secretions	Duration of illness	
• Pneumonia ≤3 months of age	Standard	Respiratory secretions	Duration of illness	
<i>Chlamydia pneumoniae</i>	Standard	Respiratory secretions	Duration of illness	
Cholera See "Gastroenteritis" Closed cavity infection				
Clostridium difficile See "Gastroenteritis"				
<i>Clostridium perfringens</i>				
• Food poisoning	Standard			Notifiable disease
• Gas gangrene, wound infection etc.	Standard	Pus		Contact precautions if wound drainage is extensive

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Coccidioidomycosis (Valley fever)				
<ul style="list-style-type: none"> Pulmonary 	Standard			
<ul style="list-style-type: none"> Draining lesions 	Standard	Pus etc.	Duration of illness	Rare transmission by inhalation during necropsy
Common Cold				
<ul style="list-style-type: none"> Adults 	Standard	Respiratory secretions		Practise respiratory hygiene.
<ul style="list-style-type: none"> Young children 	Contact	Respiratory secretions	Duration of illness	Refer to Respiratory Infectious Diseases
Congenital Rubella See "Rubella"				
Conjunctivitis				
<ul style="list-style-type: none"> Bacterial 	Standard	Pus		
<ul style="list-style-type: none"> Chlamydia 	Standard	Pus		
<ul style="list-style-type: none"> Gonococcal: 	Standard	Pus		
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Adults 	Standard	Pus	For 24 hrs after start of therapy	
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Neonates 	Contact	Pus	For 24 hrs after start of therapy	
<ul style="list-style-type: none"> Viral (acute haemorrhagic) 	Contact	Pus	Duration of illness	

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Coronavirus associated with SARS (SARS-CoV) See "Severe acute respiratory syndrome"				
Coxsackie Virus See "Enteroviral Infection"				
Creutzfeldt-Jakob disease (including vCJD) See "CJD policy"	Standard	All fluids and tissues, especially brain, spinal fluid etc.	Duration of hospitalisation	Notifiable disease Special methods required for decontamination and sterilisation of surfaces and objects contaminated by neural tissue
Croup See "Respiratory infections in infants and small children".				
Cryptococcosis	Standard			
Cryptosporidiosis See "Gastroenteritis"				
Cysticercosis	Standard			Notifiable disease
Cytomegalovirus (CMV) <ul style="list-style-type: none"> Immunosuppressed and neonatal 	Standard	Urine and respiratory secretions		No additional precautions for pregnant HCWs.
Decubitus Ulcers See "Bedsore"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Dengue Fever	Standard	Blood	Duration of hospitalisation	Notifiable disease ("arbovirus")
Dermatitis <ul style="list-style-type: none"> Extensive, including Staphylococcal & Streptococcal 	Contact	Pus etc.	Duration of illness	
Diarrhoea <ul style="list-style-type: none"> Infective or unknown aetiology See "Gastroenteritis"	Contact			Contact precautions (until diagnosed)
Diphtheria <ul style="list-style-type: none"> Cutaneous 	Contact	Skin lesions	Until 2 swabs taken 24 hrs apart, at least 24 hours after cessation of antibiotics, are negative	Notifiable disease
<ul style="list-style-type: none"> Pharyngeal 	Droplet	Respiratory secretions	Until 2 swabs taken 24 hrs apart, at least 24 hours after cessation of antibiotics, are negative	Notifiable disease
Ebola Virus See "Viral haemorrhagic fevers"				Notifiable disease Notify Medical Officer of Health ASAP
Echinococcus (hydatids)	Standard			Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Echovirus See "Enteroviral infection"				
<i>E.coli</i> See " <i>Escherichia coli</i> "				
Encephalitis, viral See specific aetiologic agents	Standard	Faeces, skin lesions	Duration of illness	Single room desirable. Arbovirus encephalitis is a notifiable disease
Endometritis	Standard	Vaginal discharge	Duration of illness	
Enterobiasis (pinworm)	Standard			
Enterococcus See MDRO policy, VRE if vancomycin resistant	Contact		For duration of admission	Contact Infection Prevention & Control Nurse for further advice re management
Enterocolitis, (<i>C.difficile</i>) See "Gastroenteritis"				
Enteroviral Infections	Standard or Contact			Use Contact Precautions for diapered or incontinent children (for duration of illness) and to control institutional outbreaks
Epiglottitis (<i>Haemophilus influenzae</i>)	Droplet	Respiratory secretions	For 24 hrs after start of antibiotics	Notifiable disease
Epstein-Barr Virus - including infectious mononucleosis	Standard	Respiratory secretions		

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Erysipelas See "Streptococcal disease"				
Erythema infections See Parvovirus B19				
<i>Escherichia coli</i> <ul style="list-style-type: none"> Gastroenteritis See "Gastroenteritis" (including Vero cytotoxic <i>E.coli</i>. See "food poisoning") 				Vero cytotoxic <i>E.coli</i> disease is notifiable
<ul style="list-style-type: none"> Multi-drug resistant <i>E.coli</i> See MDRO policy	Contact		For duration of admission	Contact infection prevention & control nurse for further advice
Food Poisoning See also "gastroenteritis"				
<ul style="list-style-type: none"> Botulism 	Standard			Notifiable disease
<ul style="list-style-type: none"> <i>Clostridium perfringens</i> 	Standard			Notifiable disease
<ul style="list-style-type: none"> Staphylococcal 	Standard			Notifiable disease
<ul style="list-style-type: none"> Vero cytotoxic <i>E.coli</i> (Enterohaemorrhagic <i>E.coli</i>) 	Standard			Notifiable disease
Furunculosis- <ul style="list-style-type: none"> Staphylococcal See "Staphylococcal infection"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Gastroenteritis – contact precautions for diarrhoea until definitive diagnosis				
Gas Gangrene See <i>Clostridium perfringens</i>	Standard	Pus	Duration of illness	
Gastroenteritis • Adenovirus (enteric)	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.
• <i>Campylobacter</i> species	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	Notifiable disease Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.
• Cholera (<i>Vibrio cholerae</i>)	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	Notifiable disease Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.
• <i>Clostridium difficile</i>	Contact	Faeces	Duration of illness Until 48 hours diarrhoea free then terminally clean room	Assess need to discontinue antibiotics. Avoid use of shared thermometers. Consistent environmental cleaning. When leaving room wash hands with soapy water followed by antimicrobial alcohol hand cleanser “Clearance” tests are not required as toxin excretion commonly continues after diarrhoea has resolved

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> <i>Cryptosporidium species</i> 	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> <i>Entamoeba histolytica</i> 	Standard	Faeces		
<ul style="list-style-type: none"> <i>E.coli</i> (enteropathogenic, or O157:H7 and other shiga toxin producing strains) 	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> <i>Giardia lamblia</i> (<i>Giardiasis</i>) 	Standard	Faeces	If contact precautions, until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> Norovirus 	Contact	Faeces or Vomitus	Duration of illness until 48hrs symptom free and then terminally clean room	<p>N95 mask for attending a patient with, or cleaning of, someone with vomiting / explosive diarrhoea and for cleaning the toilet or vomit / diarrhoea</p> <p>Out of hours, notify on call duty co-ordinator/manager</p> <p>Notify OH/IPC Nurse and/or MOH of suspected or confirmed nosocomial infections (staff or patients)</p>

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Rotavirus 	Contact	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	Prolonged shedding may occur in immunocompromised
<ul style="list-style-type: none"> <i>Salmonella species</i> (including <i>S.typhi</i>). 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> <i>Shigella species</i>. 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> Typhoid Fever 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>
<ul style="list-style-type: none"> <i>Vibrio spp.</i> including <i>V.cholerae</i> 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> <p>Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.</p>

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Viral if not covered elsewhere 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.
<ul style="list-style-type: none"> <i>Yersinia enterocolitica</i> 	Standard	Faeces	Duration of illness until 48hrs symptom free and then terminally clean room	<p>Notifiable disease</p> Use Contact Precautions for diapered or incontinent persons or to control institutional outbreaks.
German Measles See "Rubella"				
Giardiasis See "Gastroenteritis"				
Gonorrhoea				
<ul style="list-style-type: none"> Adults 	Standard	Discharge maybe	24 hrs after start of therapy	
<ul style="list-style-type: none"> New-born (eye) 	Standard	Pus	24 hrs after start of therapy	Notifiable disease
Granuloma inguinale (Donovanosis, granuloma venereum)	Standard			
Guillain-Barre Syndrome	Standard			Some cases have been associated with Campylobacter.

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Haemorrhagic Fevers e.g. Lassa, Marburg, Ebola viruses see 'Haemorrhagic fevers'				
Hand, Foot & Mouth Disease See "Enteroviral infection"				
Hansens Disease See Leprosy				
Hepatitis, Viral				Note: All acute hepatitis is notifiable to Medical Officer of Health
<ul style="list-style-type: none"> Hepatitis A 	Standard	Faeces	7 days after onset of jaundice >14 years- for 1 week after onset of symptoms	<p>Notifiable disease</p> <p>Use Contact Precautions if diapered or incontinent</p> <p>Children < 3yrs: keep in Contact Precautions during hospitalization.</p> <p>Children 2-14 years: Contact Precautions for 2 weeks after onset of symptoms</p>
<ul style="list-style-type: none"> Hepatitis B (acute or chronic) HBsAg positive 	Standard	Blood, body fluids	Duration of hospitalisation	Acute Hepatitis B is a notifiable disease
<ul style="list-style-type: none"> Hepatitis C 	Standard	Blood, body fluids		Acute Hepatitis C is a notifiable disease
<ul style="list-style-type: none"> Hepatitis D (only seen with Hep B) 	Standard			Notifiable disease
<ul style="list-style-type: none"> Hepatitis E 	Standard			Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Hepatitis G 	Standard			Use Contact Precautions for diapered for incontinent persons for the duration of the illness. Notifiable disease
Herpangina See "Enteroviral infection"				
Herpes Simplex Virus (I & II)				
<ul style="list-style-type: none"> Encephalitis 	Standard			
<ul style="list-style-type: none"> Mucocutaneous, disseminated, or severe primary infection, (skin, oral or genital) 	Contact	Lesion secretions	Until lesions are dry and crusted	
<ul style="list-style-type: none"> Neonatal 	Contact	Lesions secretions	Until lesions are dry and crusted	Includes infants born by vaginal delivery to women with active genital herpes or, if born by C-section if mother has active lesions and membranes have been ruptured for more than 6 hrs. In that case, take viral culture swabs from infant surfaces at 24-36 hrs of age. Isolation may be discontinued after viral cultures remain negative at 48 hrs incubation.
<ul style="list-style-type: none"> Recurrent localised lesions (e.g. cold sores, genital herpes) 	Standard	Lesion secretions	Until lesions are crusted	
Herpes Zoster (Shingles) See "Zoster"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Histoplasmosis	Standard			
Hookworm (<i>Ancylostoma sp</i>)	Standard			
Human Immunodeficiency Virus (HIV) See "Acquired Immune Deficiency Syndrome"				
Hydatid Disease	Standard			Notifiable disease
Impetigo	Contact	Pus	For 24 hrs after start of therapy	
Infectious Mononucleosis	Standard	Respiratory secretions		
Influenza	Droplet Precautions	Respiratory secretions	Duration of illness	Private room or cohort. Avoid placement with high-risk patients. Keep doors closed. Patient to wear surgical mask when transported out of room. Use chemoprophylaxis and/or vaccine to control or prevent outbreaks N95 mask for aerosoling procedures i.e. intubation, nebulising

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Pandemic influenza”	Airborne and contact	Respiratory secretions	14 days after onset of illness or as directed by the Medical Officer of Health	<p>Notifiable disease</p> <p>Notify Medical Officer of Health ASAP</p> <p>Negative pressure room</p> <p>N95 mask, eye protection. (goggles, face shield)</p> <p>Patients with same organism may share room - see: http://www.cdc.gov/flu/avianflu/</p>
Jakob-Creutzfeldt Disease See Creutzfeldt- Jakob Disease				
Kawasaki Syndrome	Standard			
Lassa Fever See “Viral haemorrhagic fevers”				
Legionnaires Disease	Standard	Respiratory secretions		Notifiable disease
Leprosy	Standard	All secretions from lesions		Notifiable disease
Leptospirosis	Standard	Blood and urine	Duration of hospitalisation	Notifiable disease
Lice: (Pediculosis) Head (capitis), Body (corporis) and Pubic (genital)	Contact	Linen, clothing	For 24 hrs after commencing therapy-	
Listeriosis	Standard	Faeces		Notifiable disease
Lyme Disease	Standard			Notifiable disease (“arbovirus”)

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Lymphatic chonomenigitis	Standard			
Malaria	Standard	Blood, body fluids, respiratory secretions		Notifiable disease
Marburg Virus See "Viral haemorrhagic fevers".				
Measles (Rubeola, Morbilli)	Airborne	Respiratory secretions	4 days before and until 4 days after onset of rash	Notifiable disease. Susceptible staff should not provide direct patient care when immune caregivers are available. Post-exposure vaccine within 72 hrs
Measles (German) See "Rubella"				
Meningitis				
<ul style="list-style-type: none"> • Amoebic 	Standard			Notifiable disease
<ul style="list-style-type: none"> • Aseptic (e.g. virus) 	Standard	Faeces		Contact Precautions for infants, young children
<ul style="list-style-type: none"> • Neonatal 	Standard	Faeces		
<ul style="list-style-type: none"> • <i>Fungal</i> 	Standard			
<ul style="list-style-type: none"> • <i>Haemophilus influenzae</i> type b 	Droplet	Respiratory secretions	24 hrs after start of treatment	Notifiable disease
<ul style="list-style-type: none"> • <i>Listeria monocytogenes</i> 	Standard			Notifiable disease
<ul style="list-style-type: none"> • <i>Neisseria meningitides</i> (meningococcal) 	Droplet	Respiratory secretions	24 hrs after start of treatment	Notifiable disease on suspicion

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> <i>Streptococcus pneumoniae</i> (pneumococcal) 	Standard			
<ul style="list-style-type: none"> Tuberculosis meningitis 	Standard			<p>Notifiable disease</p> <p>Use Airborne Precautions if patient has pulmonary disease</p>
<p>Meningococcal Infection Invasive disease (meningitis, septicaemia, pneumonia etc.)</p>	Droplet	Respiratory secretions	24 hrs after start of treatment	Notifiable disease
<p>Middle East Respiratory Syndrome (MERS CoV)</p>	Airborne Contact	Respiratory secretions including aerosols produced by procedures	Duration of illness plus 10 days after resolution of fever, provided respiratory symptoms are absent or improving	<p>Notifiable disease</p> <p>Use N95 or higher protection masks. Use surgical mask if N95 unavailable</p> <p>Eye protection (goggles, face shield)</p> <p>See http://www.cdc.gov/coronavirus/mers/case-def.html</p>
<p>Methicillin- Resistant <i>S.aureus</i> (MRSA) see MDRO policy</p>	Contact	Secretions & Excretions		See MRSA Policy
<p><i>Monkeypox</i></p>	Airborne, Contact		Until lesions are crusted	Contact Medical Officer of Health
<p>Mucormycosis</p>	Standard	Pus		

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Multidrug-Resistant Organism (MDRO) (e.g. MRSA, Vancomycin-resistant <i>Enterococcus</i> , ESBL's, multi-resistant <i>E.coli</i> , <i>multiresistant bacteria</i>)	Contact Droplet if patient has pneumonia	Pus, urine, etc. (depends on site of infection)	Until off antibiotics and culture negative	Contact Medical Microbiologist or OH/IPC Nurse for further details See MRO policy
Mumps	Droplet	Respiratory secretions	9 days after onset of swelling	Notifiable disease. Susceptible staff should not provide direct patient care when immune caregivers are available.
Mycobacteria, Non-tuberculosis <ul style="list-style-type: none"> • Wound 	Standard	Pus		
<ul style="list-style-type: none"> • Pulmonary 	Standard			
Mycobacterium tuberculosis	See tuberculosis			Notifiable disease
Mycoplasma pneumoniae	Droplet	Respiratory secretions	Duration of illness	
Necrotising Enterocolitis	Standard	Faeces	Duration of illness	Use contact precautions for symptomatic diapered or incontinent persons or to control institutional outbreaks
<i>Neisseria meningitidis</i> See "Meningococcal Infection"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Nocardiosis	Standard	Pus		
Norovirus (Norwalk agent) See "Gastroenteritis"				
ORF	Standard	Pus		
Para influenza Respiratory in infants and young children	Contact		Duration of illness	
Parvovirus B19	Droplet		Duration of hospitalisation when chronic disease occurs in immuno-deficient patient. Otherwise, maintain precautions for 7 days	
Pediculosis See "lice"				
Pertussis (whooping cough)	Droplet		For 5 days after commencing antibiotic therapy	<p>Notifiable disease Notify on suspicion</p> <p>Post-exposure chemoprophylaxis (e.g. erythromycin) for household contacts and staff on public health advice</p>
Pharyngitis <ul style="list-style-type: none"> Adults 	Standard	Respiratory secretions		

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Young children 	Contact	Respiratory secretions	Duration of illness	Viruses have been associated with this syndrome
Pinworm (<i>Enterobius vermicularis</i>)	Standard			
Plague				
<ul style="list-style-type: none"> Bubonic 	Standard	Pus	3 days after onset of treatment	Notifiable disease
<ul style="list-style-type: none"> Pneumonic 	Droplet	Respiratory secretions	3 days after start of treatment	Notifiable disease 48 hours antimicrobial prophylaxis for exposed HCW
Pleurodynia See "Enteroviral Infections"				
Pneumonia				
<ul style="list-style-type: none"> Adenovirus 	Droplet and contact	Respiratory secretions	Duration of illness	
<ul style="list-style-type: none"> Bacterial not listed elsewhere 	Standard	Respiratory secretions		
<ul style="list-style-type: none"> <i>Burkholderia cepacia</i> in cystic fibrosis (infection or colonisation) 	Contact	Respiratory secretions		Do not cohort in room with other cystic fibrosis patients who are not colonised or infected.

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> <i>Burkholderia cepacia</i> in patients without CF See "Multidrug-resistant organisms"				
<ul style="list-style-type: none"> Chlamydia 	Standard	Respiratory secretions	Duration of illness	
<ul style="list-style-type: none"> Fungal 	Standard			
<ul style="list-style-type: none"> <i>Haemophilus influenzae</i>, type b <ul style="list-style-type: none"> Infants & young children 	Droplet	Respiratory secretions	24 hrs after treatment started	Invasive <i>H.influenzae</i> type b infection is a Notifiable disease
<ul style="list-style-type: none"> Adults 	Standard	Respiratory secretions		Invasive <i>H.influenzae</i> type b infection is a Notifiable disease
<ul style="list-style-type: none"> <i>Legionella species</i> 	Standard	Respiratory secretions		Notifiable disease
<ul style="list-style-type: none"> Meningococcal 	Droplet	Respiratory secretions	24 hrs after treatment started	Notifiable disease. See also meningococcal infection
<ul style="list-style-type: none"> Multidrug-resistant bacteria See MDRO				
<ul style="list-style-type: none"> Mycoplasma 	Droplet	Respiratory secretions	Duration of illness	
<ul style="list-style-type: none"> Pneumococcal 	Standard	Respiratory secretions		

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> <i>Pneumocystis carinii</i> 	Standard			Avoid placement in same room as immunocompromised patient
<ul style="list-style-type: none"> <i>Pseudomonas cepacia</i> See <i>Burkholderia cepacia</i> 				
<ul style="list-style-type: none"> <i>Staphylococcus aureus</i> 	Standard	Respiratory secretions	Duration of illness	
<ul style="list-style-type: none"> <i>Streptococcus</i> group A 				
<ul style="list-style-type: none"> o Adults 	Droplet	Respiratory secretions	Duration of illness	Contact precautions if skin lesions present.
<ul style="list-style-type: none"> o Infants and young children 	Droplet	Respiratory secretions	24 hrs after treatment started	Contact precautions if skin lesions present
<ul style="list-style-type: none"> o Varicella-zoster See "Varicella-zoster" 				
<ul style="list-style-type: none"> ▪ Virus: 				
<ul style="list-style-type: none"> o Adults 	Standard	Respiratory secretions	Duration of illness	
<ul style="list-style-type: none"> o Infants and young children See "Respiratory infectious diseases" 				
Poliomyelitis	Contact	Faeces		Notifiable disease
Prion Disease See "Creutzfeldt-Jakob Disease"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Psittacosis	Standard	Respiratory secretions		
Q Fever	Standard	Respiratory secretions		Notifiable disease (Rickettsial disease)
Rabies	Standard	Respiratory secretions	Duration of illness	Notifiable disease If patient has bitten another individual or saliva has contaminated an open wound or mucous membrane, wash exposed area thoroughly and give post-exposure prophylaxis
Rat-Bite Fever (<i>Streptobacillus moniliformis</i> or <i>Spirillum minus</i>)	Standard			
Relapsing Fever (<i>Borrelia spp</i>)	Standard	Blood	Duration of illness	
Respiratory Infectious Diseases (if not covered elsewhere)				
▪ Adults	Standard			
▪ Infants and young children	Contact		Duration of illness	
Respiratory Syncytial Virus Infants, children and Immunosuppressed adults	Contact		Duration of illness	
Reye Syndrome	Standard			

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Rheumatic Fever	Standard			Notifiable disease
Rhinovirus <ul style="list-style-type: none"> ▪ Adults ▪ Young children 	Droplet	Respiratory secretions	Duration of illness	
	Droplet	Respiratory secretions	Duration of illness	Contact precautions with copious secretions
Ringworm	Standard			It may be desirable to segregate a child for 24 hours after treatment is commenced
Ritter's Disease (Staphylococcal scalded skin syndrome)	Contact	Lesion drainage	Duration of illness	
Roseola infantum (exanthema subitum; caused by HHV-6)	Standard			
Ross River Virus	Standard	Blood		Notifiable disease
Rotavirus See "Gastroenteritis"				
Rubella <ul style="list-style-type: none"> • Congenital 	Contact	Respiratory secretions	During any admission in the first year of life unless nasopharynx and urine are virus culture-negative after 3 months of age	Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Acquired 	Droplet	Respiratory Secretions	7 days after onset of rash	<p>Notifiable disease</p> <p>Susceptible staff should not provide direct patient care when immune caregivers are available.</p> <p>Pregnant personnel may need counselling.</p>
Rubeola See "Measles"				
Salmonellosis See "Gastroenteritis".				
SARS See "Severe Acute Respiratory Syndrome"				
Scabies	Contact	Infested area	24 hours after therapy started	
Scalded Skin Syndrome (Ritter's Disease) See "Ritter's Disease"				
Schistosomiasis	Standard			Notifiable disease
Severe Acute Respiratory Syndrome (SARS)	Airborne and Contact	Respiratory secretions including aerosols produced by procedures	Duration of illness plus 10 days after resolution of fever, provided respiratory symptoms are absent or improving	<p>Notifiable disease</p> <p>Use N95 or higher protection masks. Use surgical mask of N95 unavailable.</p> <p>Eye protection (goggles, face shield)</p> <p>See http://www.cdc.gov/sars/index.html</p>

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<i>Shigellosis</i> See “Gastroenteritis”				
Shingles See “Zoster”				
Smallpox	Airborne and Contact	Lesion material and respiratory secretions	Duration of illness	<p>Notify Medical Officer of Health as soon as diagnosis is suspected</p> <p>Non-vaccinated staff should not provide direct patient care when immune caregivers are available.</p> <p>All HCW must wear N95 masks</p> <p>Post-exposure vaccine protective if given within 4 days of contact.</p>
Staphylococcal Disease (<i>S.aureus</i>) <ul style="list-style-type: none"> ▪ Skin, wound or burn infection: <ul style="list-style-type: none"> ○ Major ○ Minor ▪ Enterocolitis ▪ Furunculous • MRSA See MDRO policy • Pneumonia or draining lung abscess 				
	Contact	Pus	Duration of illness	Major = dressing does not contain pus
	Standard	Pus	Duration of illness	Dressing contained
	Standard			Contact precautions if incontinent/ diapered
	Standard			Infants and young children should be in Contact Precautions
	Standard	Respiratory secretions		

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Scalded skin syndrome (Ritter's disease) See "Ritter's Disease"				
<ul style="list-style-type: none"> Toxic Shock Syndrome 	Standard	Pus or discharge	Duration of illness	
Streptococcal Disease (Group A Streptococcus) <ul style="list-style-type: none"> Skin, wound and burn infection 				
<ul style="list-style-type: none"> Major 	Contact	Pus		Major = uncontained dressing, does not contain pus
<ul style="list-style-type: none"> Minor 	Standard	Pus		Contained dressing
<ul style="list-style-type: none"> Endometritis (puerperal sepsis) 	Standard	Vaginal discharge	24 hours after commencing therapy	
<ul style="list-style-type: none"> Erysipelas 	Standard			Contact if major draining lesions
<ul style="list-style-type: none"> Pharyngitis (infants, young children) 	Droplet	Respiratory secretions	24 hours after commencing therapy	
<ul style="list-style-type: none"> Pneumonia (infants, young children) 	Droplet	Respiratory secretions	24 hours after commencing therapy	
<ul style="list-style-type: none"> Rheumatic fever 	Standard			Notifiable disease
<ul style="list-style-type: none"> Scarlet fever (infants, young children) 	Droplet	Respiratory secretions, pus, etc.	24 hours after commencing therapy	

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Serious invasive disease (e.g. necrotising fasciitis, toxic shock syndrome) 	Droplet		24 hours after commencing therapy	Also Contact precautions if draining major wound.
Streptococcal Disease (Group B Streptococcus) <ul style="list-style-type: none"> Neonatal 	Standard	Faeces	-	
Strongyloidiasis	Standard	Faeces		Respiratory secretions may be infective in some patients
Syphilis <ul style="list-style-type: none"> Skin, mucous membranes, including 1^o, 2^o & congenital syphilis 	Standard	Lesions, blood	24 hours after start of therapy	
<ul style="list-style-type: none"> Latent or antibody positive only 	Standard	Blood		
Tapeworm, e.g. <i>Taenia solium</i> (pork)	Standard	Faeces	Duration of illness	Taeniasis is notifiable
Tetanus	Standard			Notifiable disease
Tinea (Ringworm) See "Ringworm"				
TORCH				See CMV, Herpes simplex, syphilis, toxoplasmosis, etc.
Toxic Shock Syndrome				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Staphylococcal See "Staphylococcal infection"				
<ul style="list-style-type: none"> Streptococcal See "Streptococcal infection"				See Streptococcal infection
Toxoplasmosis	Standard			
Trachoma, acute	Standard	Purulent exudate	Duration of illness	
Trichinosis	Standard			Notifiable disease
Trichomonas	Standard			
Trichuris (Whipworm)	Standard			
Tuberculosis (<i>M.tuberculosis</i>) <ul style="list-style-type: none"> Extrapulmonary draining lesions including scrofula 	Airborne and Contact	Pus	Duration of illness	Notifiable disease
<ul style="list-style-type: none"> Extrapulmonary lesions, not draining 	Standard			Notifiable disease
<ul style="list-style-type: none"> Meningitis 	Standard (use airborne precautions if evidence of pulmonary disease)			Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
<ul style="list-style-type: none"> Pulmonary (lung) and laryngeal disease 	Airborne	Airborne droplet nuclei	Usually 2-3 weeks after effective treatment is begun, & after 3 consecutive sputum smears (on different days) are negative	<p>Notifiable disease Notify on suspicion</p> <p>Private room with negative pressure ventilation. <i>(negative pressure facility not available at Mercy hospital)</i></p>
<ul style="list-style-type: none"> Skin test positive, no evidence of active disease 	Standard			
Tularaemia	Standard			
Typhoid Fever See "Gastroenteritis"				
Typhus (endemic and epidemic)	Standard	Blood may be	Duration of illness	Notifiable disease
Vaccinia (smallpox vaccination site, draining)	Standard (Contact for extensive or disseminated disease)		Until lesions dry and crusted, scabs separated	Only vaccinated staff have contact with active vaccination sites and care for persons with adverse vaccinia events. If unvaccinated, only staff without contraindication to vaccine to provide care

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Varicella (Chickenpox)	Airborne and Contact	Respiratory secretions. Lesion secretions	Until all lesions are crusted	<p>Negative-pressure room. <i>(negative pressure facility not available at Mercy hospital) NB Patients would either not be admitted or transferred</i></p> <p>Susceptible staff should not provide direct patient care when immune caregivers are available.</p> <p>Gowns and gloves to be worn by all personnel while in room.</p> <p>Exposed susceptible patients should be placed in similar isolation from 10-21 days after exposure.</p> <p>For exposed persons (staff and patients) if not immune: Post-exposure vaccine within 5 days, or post-exposure VZIG within 4 days if vaccine is contraindicated (do not give vaccine to pregnant and immunocompromised persons)</p> <p>Newborns who's mothers develop varicella ≤ 5 days before or within 48 hrs after delivery should also receive VZIG</p>
Varicella Zoster, Herpes zoster, (shingles) See "Zoster"				
Variola See "Smallpox"				

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Vibrio Infections (e.g. <i>V.cholerae</i>, <i>V.parahaemolyticus</i>) See "Gastroenteritis"				
Viral Haemorrhagic Fevers e.g. Lassa, Ebola, Marburg	Airborne and contact	Blood, body fluids, tissues	Duration of illness	Notifiable disease: notify Medical Officer of Health ASAP. Add eye protection, double gloves , leg and shoe coverings, and impermeable gowns
Viral Respiratory Diseases (not covered elsewhere)				
<ul style="list-style-type: none"> Adults 	Standard			
<ul style="list-style-type: none"> Infants and young children See "Respiratory Infectious Disease"				
Whooping Cough (pertussis) See "pertussis"				
Wound Infections				
<ul style="list-style-type: none"> Major 	Contact	Pus	Duration of illness	Major = when dressings do not cover wound or contain pus
<ul style="list-style-type: none"> Minor 	Standard	Pus	Duration of illness	Contained in dressing
Yellow Fever	Standard	Blood	Duration of illness	Notifiable disease

Disease	Isolation Category	Infective Material	Duration of Precaution or Illness	Comments
Zoster (Shingles, herpes zoster etc.) Disseminated disease in any patient				
Localised infection in immunocompromised patient, or	Airborne and Contact	Lesions, respiratory secretions etc.	Duration of illness	(negative pressure facility not available at Mercy hospital) NB Patients would either not be admitted or transferred. Susceptible staff should not enter room if immune caregivers are available. Negative-pressure room. Door closed. N95 masks to be worn at all times while in room unless known to be immune. Gowns and gloves to be worn by all personnel while in room. Exposed susceptible patients should be placed in similar isolation from 10-21 days after exposure.
Localised infection in patient with intact immune system with lesions that can be contained/covered	Standard	Lesions	Duration of illness	Susceptible staff should not provide direct patient care when immune caregivers are available. Patient not to share room with non-immune or immunocompromised patients.