Attachment A Policy No.: 607

RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Infection Prevention and Control

SUBJECT: ISOLATION GUIDELINES: INDICATIONS FOR ISOLATION

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IC103A

Policy No.:

Indications

Since the use of isolation precautions are, at times, necessary for the safety of both patients and personnel, specific guidelines are included in this manual. It is the basic philosophy of the Infection Prevention and Control program to use isolation only when necessary and to work closely with all departments so that the rehabilitation programs for these patients can be continued. However, the safety of both patients and personnel is our major concern and if great risk of acquiring infections is involved, stringent Infection Prevention and Control measures will be enforced.

Rancho Los Amigos National Rehabilitation Center implemented the CDC's Standard and transmission based isolation precautions system (Contact, Droplet, and Airborne Precautions) to replace the old numeric category system (Category I-IV).

Type of Isolation Precautions

Contact Precautions

In addition to Standard Precautions, contact precautions require two items (gloves and gown) when in contact with patient, contaminated articles or the patient's environment.

Droplet Precautions

In addition to Standard Precautions, droplet precautions require three items (gloves, gown and mask) before entering the room.

Airborne

specified, also use S.

In addition to Standard Precautions, Airborne precautions require a NIOSH-approved N-95 respirator before entering the room.

The following table is a list of diseases with the necessary types of precautions used to prevent transmission to other patients or personnel. Licensed personnel may institute isolation precautions without a written order; however, the primary physician and the Infection Preventionist(s) should be notified. Once the physician has been notified, a written order should be obtained.

The use of <u>reverse isolation</u> has been deleted as recommended by the Center for Disease Control in 1981. It is however, recommended that severely compromised patients with polymorphonuclear leukocyte count (PMNs < 500) be placed in a private room with strict *Type of Precautions: A = Airborne Precautions; C = Contact; D, Droplet; S = Standard; when A, C, and D are

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adherence to adequate hand hygiene by all personnel (visitors/family) prior to any contact with the patient. Notify Infection Prevention and Control when patient is severely compromised so that a strict hand hygiene sign can be posted at the patient's door or over the patient's bed.

Personal Protective Equipments (PPEs) Necessary for Each Isolation Precautions:

- Contact (gloves and gown)
- Droplet (Gloves, Gown and Mask)
- Airborne (NIOSH-approved N-95 respirator)

Type and Duration of Precautions for Selected Infections and Conditions as Recommended by CDC in 2007:

Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee, 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings

http://www.cdc.gov/ncidod/dhqp/pdf/isolation2007.pdf

Infection/Condition		Precautions			
	Туре	Duration	Comments		
Abscess					
Draining, major	С	DI	No dressing or containment of drainage; until drainage stops or can be contained by dressing		
Draining, minor or limited	S		Dressing covers and contains drainage		
Acquired human immunodeficiency syndrome (HIV)	S		Post-exposure chemoprophylaxis for some blood exposures.		
Actinomycosis	S		Not transmitted from person to person		
Adenovirus infection (see agent-specific guidance under gastroenteritis, conjuctivitis, pneumonia)					
Amebiasis	S		Person to person transmission is rare.		

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Infection/Condition **Precautions** Comments **Type** Duration Transmission in settings for the mentally challenged and in a family group has been reported. Use care when handling diapered infants and mentally challenged persons. S Infected patients do not generally pose a Anthrax transmission risk. S Transmission through non-intact skin Cutaneous contact with draining lesions possible, therefore use Contact Precautions if large amount of uncontained drainage. Handwashing with soap and water preferable to use of waterless alcohol based antiseptics since alcohol does not have sporicidal activity S Not transmitted from person to person Pulmonary Environmental: aerosolizable spore-DE Until decontamination of environment containing powder or other complete. Wear respirator (N95 mask or substance PAPRs), protective clothing; decontaminate persons with powder on (http://www.cdc.gov/mmwr/preview/mmw rhtml/mm5135a3.htm) Hand hygiene: Handwashing for 30-60 seconds with soap and water or 2% chlorhexidene gluconate after spore contact (alcohol handrubs inactive against spores. Post-exposure prophylaxis following environmental exposure: 60 days of antimicrobials (either doxycycline, ciprofloxacin, or levofloxacin) and post-exposure vaccine under IND Antibiotic-associated colitis (see Clostridium

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Infection/Condition			Precautions
	Туре	Duration	Comments
difficile)			
Arthropod-borne viral encephalitides (eastern, western, Venezuelan equine encephalomyelitis; St Louis, California encephalitis; West Nile Virus) and viral fevers (dengue, yellow fever, Colorado tick fever)	S		Not transmitted from person to person except rarely by transfusion, and for West Nile virus by organ transplant, breastmilk or transplacentally. Install screens in windows and doors in endemic areas Use DEET-containing mosquito repellants and clothing to cover extremities
Ascariasis	S		
Aspergillosis	S		Contact Precautions and Airborne Precautions if massive soft tissue infection with copious drainage and repeated irrigations required.
Avian influenza (see influenza, avian below)			
Babesiosis	S		Not transmitted from person to person except rarely by transfusion,
Blastomycosis, North American, cutaneous or pulmonary	S		Not transmitted from person to person
Botulism	S		Not transmitted from person to person
Bronchiolitis (see respiratory infections in infants and young children)	С	DI	Use mask according to Standard Precautions
Brucellosis (undulant, Malta, Mediterranean fever)	S		Not transmitted from person to person except rarely via banked spermatozoa and sexual contact. Provid antimicrobial prophylaxis following laboratory exposure.
Campylobacter gastroenteritis (see gastroenteritis)			
Candidiasis, all forms including mucocutaneous	S		
Cat-scratch fever (benign inoculation lymphoreticulosis)	S		Not transmitted from person to person
Cellulitis	S		

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Chancroid (soft chancre) (H. ducreyi)	S		Transmitted sexually from person to person		
Chickenpox (see varicella)					
Chlamydia trachomatis					
Conjunctivitis	S				
Genital (lymphogranuloma venereum)	S				
Pneumonia (infants < 3 mos. of age))	S				
Chlamydia pneumoniae	S		Outbreaks in institutionalized populations reported, rarely		
Cholera (see gastroenteritis)					
Closed-cavity infection					
Open drain in place; limited or minor	S				
drainage					
No drain or closed drainage system in place	S		Contact Precautions if there is copious uncontained drainage		
Clostridium			an or main road an annual go		
C. botulinum	S		Not transmitted from person to person		
C. difficile (see Gastroenteritis, C. difficile)	С	DI	, , , , , , , , , , , , , , , , , , , ,		
C. perfringens					
Food poisoning	S		Not transmitted from person to person		
Gas gangrene	S		Transmission from person to person rare; one outbreak in a surgical setting reported. Use Contact Precautions if wound drainage is extensive.		
Coccidioidomycosis (valley fever)			Not transmitted from person to person except under extraordinary circumstances because the infectious arthroconidial form of <i>Coccidioides immitis</i> is not produced in humans.		
Draining lesions	S		Not transmitted from person to person except under extraordinary		

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Infection/Condition			Precautions
	Туре	Duration	Comments
Pneumonia	S		circumstances, (e.g., inhalation of aerosolized tissue phase endospores during necropsy, transplantation of infected lung) because the infectious arthroconidial form of <i>Coccidioides immitis</i> is not produced in humans. Not transmitted from person to person
Colorado tick fever	S		Not transmitted from person to person
Congenital rubella	C	Until 1 yr of age	Standard Precautions if nasopharyngeal and urine cultures repeatedly neg. after 3 mos. of age
Conjunctivitis			
Acute bacterial	S		
Chlamydia	S		
Gonococcal	S		
Acute viral (acute hemorrhagic)	С	DI	Adenovirus most common; enterovirus 70, Coxsackie virus A24) also associated with community outbreaks. Highly contagious; outbreaks in eye clinics, pediatric and neonatal settings, institutional settings reported. Eye clinics should follow Standard Precautions when handling patients with conjunctivitis. Routine use of Infection Prevention and Control measures in the handling of instruments and equipment will prevent the occurrence of outbreaks in this and other settings.
Corona virus associated with SARS (SARS-CoV) (see severe acute respiratory syndrome)			
Coxsackie virus disease (see enteroviral infection)			
Creutzfeldt-Jakob disease	S		Use disposable instruments or special

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Infection/Condition			Precautions
	Туре	Duration	Comments
CJD, vCJD			sterilization/disinfection for surfaces, objects contaminated with neural tissue if CJD or vCJD suspected and has not been R/O; No special burial procedures.
Croup (see respiratory infections in infants and young children)			
Crimean-Congo Fever (see Viral Hemorrhagic Fever)	S		
Cryptococcosis	S		Not transmitted from person to person, except rarely via tissue and corneal transplant
Cryptosporidiosis (see gastroenteritis)			
Cytomegalovirus infection, including in neonates and immunosuppressed patients	S		No additional precautions for pregnant HCWs
Decubitus ulcer (see Pressure ulcer)			
Dengue fever	S		Not transmitted from person to person
Diarrhea, acute-infective etiology suspected (see gastroenteritis)			
Diphtheria			
Cutaneous	С	CN	Until 2 cultures taken 24 hrs. apart negative
Pharyngeal	D	CN	Until 2 cultures taken 24 hrs. apart negative
Ebola virus (see viral hemorrhagic fevers)			
Echinococcosis (hydatidosis)	S		Not transmitted from person to person
Echovirus (see enteroviral infection)			
Encephalitis or encephalomyelitis (see specific etiologic agents)			
Endometritis (endomyometritis)	S		
Enterobiasis (pinworm disease, oxyuriasis)	S		
Enterococcus species (see multidrug- resistant organisms if			

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
epidemiologically significant or vancomycin resistant)					
Enterocolitis, C. difficile (see C. difficile, gastroenteritis)					
Enteroviral infections (i.e., Group A and B Coxsackie viruses and Echo viruses) (excludes polio virus) 21	S		Use Contact Precautions for diapered or incontinent children for duration of illness and to control institutional outbreaks		
Epiglottitis, due to <i>Haemophilus influenzae</i> type b	D	U 24 hrs	See specific disease agents for epiglottitis due to other etiologies)		
Epstein-Barr virus infection, including infectious mononucleosis	S				
Erythema infectiosum (also see Parvovirus B19)					
Escherichia coli gastroenteritis (see gastroenteritis)					
Food poisoning					
Botulism	S		Not transmitted from person to person		
C. perfringens or welchii	S		Not transmitted from person to person		
Staphylococcal	S		Not transmitted from person to person		
Furunculosis, staphylococcal	S		Contact if drainage not controlled. Follow institutional policies if MRSA		
Infants and young children	С		DI		
Gangrene (gas gangrene)	S		Not transmitted from person to person		
Gastroenteritis	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks for gastroenteritis caused by all of the agents below		
Adenovirus	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
Campylobacter species	S		Use Contact Precautions for diapered or		

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Infection/Condition		Precautions		
	Туре	Duration	Comments	
			incontinent persons for the duration of	
Cholera (Vibrio cholerae)	S		illness or to control institutional outbreak Use Contact Precautions for diapered or	
			incontinent persons for the duration of illness or to control institutional outbreak	
C. difficile	С	DI	Discontinue antibiotics if appropriate. Do	
			not share electronic thermometers; ensure consistent environmental cleaning	
			and disinfection. Hypochlorite solutions	
			may be required for cleaning if	
E. coli			transmission continues.	
Enteropathogenic O157:H7 and other	S		Use Contact Precautions for diapered o	
shiga toxin-producing			incontinent persons for the duration of	
Strains			illness or to control institutional outbreak	
Other species	S		Use Contact Precautions for diapered o	
24101 op 20.02			incontinent persons for the duration of	
Ois valia la valalia			illness or to control institutional outbreak	
Giardia lamblia	S		Use Contact Precautions for diapered o incontinent persons for the duration of	
			illness or to control institutional outbreak	
Noroviruses	S		Use Contact Precautions for diapered o	
			incontinent persons for the duration of	
			illness or to control institutional outbreak	
			Persons who clean areas heavily	
			contaminated with feces or vomitus may	
			benefit from wearing masks since virus	
			can be aerosolized from these body	
			substances; ensure consistent	
			environmental cleaning and disinfection	
			with focus on restrooms even when	
			apparently unsoiled). Hypochlorite	
			solutions may be required when there is continued transmission. Alcohol is less	

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
			active, but there is no evidence that alcohol antiseptic handrubs are not effective for hand decontamination. Cohorting of affected patients to separate airspaces and toilet facilities may help interrupt transmission during outbreaks.		
Rotavirus	С	DI	Ensure consistent environmental cleaning and disinfection and frequent removal of soiled diapers. Prolonged shedding may occur in		
Salmonella species (including S. typhi)	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
Shigella species (Bacillary dysentery)	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
Vibrio parahaemolyticus	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
Viral (if not covered elsewhere)	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
Yersinia enterocolitica	S		Use Contact Precautions for diapered or incontinent persons for the duration of illness or to control institutional outbreaks		
German measles (see rubella; see congenital rubella)					
Giardiasis (see gastroenteritis)					
Gonococcal ophthalmia neonatorum (gonorrheal ophthalmia, acute conjunctivitis of newborn)	S				
Gonorrhea	S				
Granuloma inguinale (Donovanosis, granuloma venereum)	S				

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Infection/Condition		Precautions		
	Туре	Duration	Comments	
Guillain-Barré' syndrome	S			
Haemophilus influenzae (see disease-specific recommendations)				
Hand, foot, and mouth disease (see enteroviral infection)				
Hansen's Disease (see Leprosy)				
Hantavirus pulmonary syndrome	S		Not transmitted from person to person	
Helicobacter pylori	S			
Hepatitis, viral				
Type A	S		Provide hepatitis A vaccine post-exposure as recommended	
Diapered or incontinent patients	С		Maintain Contact Precautions in infants and children <3 years of age for duration of hospitalization; for children 3-14 yrs. of age for 2 weeks after onset of symptoms; >14 yrs. of age for 1 week after onset of symptoms	
Type B-HBsAg positive; acute or chronic	S		See specific recommendations for care of patients in hemodialysis centers	
Type C and other unspecified non-A, non-B	S		See specific recommendations for care of patients in hemodialysis centers	
Type D (seen only with hepatitis B)	S			
Туре Е	S		Use Contact Precautions for diapered or incontinent individuals for the duration of illness	
Type G	S			
Herpangina (see enteroviral infection)				
Hookworm	S			
Herpes simplex (Herpesvirus hominis)				
Encephalitis	S			
Mucocutaneous, disseminated or primary, severe	С		Until lesions dry and crusted	
Mucocutaneous, recurrent (skin, oral,	S			

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
genital)					
Neonatal	С	Until lesions dry and crusted	Also, for asymptomatic, exposed infants delivered vaginally or by C-section and if mother has active infection and membranes have been ruptured for more than 4 to 6 hrs until infant surface cultures obtained at 24-36 hrs. of age negative after 48 hrs incubation		
Herpes zoster (varicella-zosster) (shingles) Disseminated disease in any patient	A,C	DI	Susceptible HCWs should not enter room		
Localized disease in immunocompromised patient until disseminated infection ruled out			if immune caregivers are available; no recommendation for protection of immune HCWs; no recommendation for type of protection, i.e. surgical mask or respirator; for susceptible HCWs.		
Localized in patient with intact immune system with lesions that can be contained/covered	S	DI	Susceptible HCWs should not provide direct patient care when other immune caregivers are available.		
Histoplasmosis	S		Not transmitted from person to person		
Human immunodeficiency virus (HIV)	S		Post-exposure chemoprophylaxis for some blood exposures.		
Human metapneumovirus	С	DI	HAI reported, but route of transmission not established. Assumed to be Contact transmission as for RSV since the viruses are closely related and have similar clinical manifestations and epidemiology. Wear masks according to Standard Precautions.		
Impetigo	С	U 24 hrs			

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Infectious mononucleosis	S				
Influenza					
Human (seasonal influenza)	D	5 days except DI in immuno-c ompromis ed persons	Single patient room when available or cohort; avoid placement with high-risk patients; mask patient when transported out of room; chemoprophylaxis/vaccine to control/prevent outbreaks. Use gown and gloves according to Standard Precautions may be especially important in pediatric settings. Duration of precautions for immunocompromised patients cannot be defined; prolonged duration of viral shedding (i.e. for several weeks) has been observed; implications for transmission are unknown.		
Avian (e.g., H5N1, H7, H9 strains)			See www.cdc.gov/flu/avian/professional/infect -control.htm for current avian influenza guidance.		
Pandemic influenza (also a human influenza virus)	D	5 days from onset of symptoms	See http://www.pandemicflu.gov for current pandemic influenza guidance.		
Kawasaki syndrome	S		Not an infectious condition		
Legionnaires' disease	S		Not transmitted from person to person		
Leprosy	S				
Leptospirosis Lice	S		Not transmitted from person to person http://www.cdc.gov/ncidod/dpd/parasites/lice/default.htm		
Head (pediculosis)	С	U 24 hrs			
Body	S		Transmitted person to person through infested clothing. Wear gown and gloves		

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Infection/Condition			Precautions
	Туре	Duration	Comments
			when removing clothing; bag and wash clothes according to CDC guidance above
Pubic	S		Transmitted person to person through sexual contact
Listeriosis (listeria monocytogenes)	S		Person-to-person transmission rare; cross-transmission in neonatal settings reported
Lyme disease	S		Not transmitted from person to person
Lymphocytic choriomeningitis	S		Not transmitted from person to person
Lymphogranuloma venereum	S		
Malaria	S		Not transmitted from person to person except through transfusion rarely and through a failure to follow Standard Precautions during patient. Install screens in windows and doors in endemic areas. Use DEET-containing mosquito repellants and clothing to cover extremities
Marburg virus disease (see viral hemorrhagic fevers)			
Measles (rubeola)	A	4 days after onset of rash; DI in immune compromi sed	Susceptible HCWs should not enter room if immune care providers are available; no recommendation for face protection for immune HCW; no recommendation for type of face protection for susceptible HCWs, i.e., mask or respirator. For exposed susceptibles, post-exposure vaccine within 72 hrs. or immune globulin within 6 days when available. Place exposed susceptible patients on Airborne Precautions and exclude from duty from day 5 after first exposure to day 21 after last exposure, regardless of post-exposure vaccine

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Infection/Condition		Precautions		
	Туре	Duration	Comments	
			susceptible healthcare personnel	
Melioidosis, all forms	S		Not transmitted from person to person	
Meningitis				
Aseptic (nonbacterial or viral; also see enteroviral infections)	S		Contact for infants and young children	
Bacterial, gram-negative enteric, in neonates	S			
Fungal	S			
Haemophilus influenzae, type b known or suspected	D	U 24 hrs		
Listeria monocytogenes (See Listeriosis)	S			
Neisseria meningitidis (meningococcal) known or suspected	D	U 24 hrs	See meningococcal disease below	
Streptococcus pneumoniae	S			
M. tuberculosis	S		Concurrent, active pulmonary disease or draining cutaneous lesions may necessitate addition of Contact and/or Airborne Precautions; For children, airborne precautions until active tuberculosis ruled out in visiting family members (see tuberculosis below)	
Other diagnosed bacterial	S			
Meningococcal disease: sepsis, pneumonia, meningitis	D	U 24 hrs	Postexposure chemoprophylaxis for household contacts, HCWs exposed to respiratory secretions; postexposure vaccine only to control outbreaks.	
Molluscum contagiosum	S			
Monkeypox	A,C	A-Until monkeypo x confirmed and smallpox excluded	Use See www.cdc.gov/ncidod/monkeypox for most current recommendations. Transmission in hospital settings unlikely. Pre- and post-exposure smallpox vaccine recommended for exposed HCWs	

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
		C-Until lesions crusted			
Mucormycosis	S				
Multidrug-resistant organisms (MDROs), infection or colonization (e.g., MRSA, VRE, VISA/VRSA, ESBLs, resistant S. pneumoniae)	S/C		MDROs judged by the infection control program, based on local, state, regional, or national recommendations, to be of clinical and epidemiologic significance. Contact Precautions recommended in settings with evidence of ongoing transmission, acute care settings with increased risk for transmission or wounds that cannot be contained by dressings. See recommendations for management options in Management of Multidrug-Resistant Organisms In Healthcare Settings, 2006. Contact state health department for guidance regarding new or emerging MDRO.		
Mumps (infectious parotitis)	D	U 9 days	After onset of swelling; susceptible HCWs should not provide care if immune caregivers are available. Note: (Recent assessment of outbreaks in healthy 18-24 year olds has indicated that salivary viral shedding occurred early in the course of illness and that 5 days of isolation after onset of parotitis may be appropriate in community settings; however the implications for healthcare personnel and high-risk patient populations remain to be clarified.)		
Mycobacteria, nontuberculosis (atypical)			Not transmitted person-to-person		
Pulmonary	S				
Wound	S				

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Mycoplasma pneumonia	D		DI		
Necrotizing enterocolitis	S		Contact Precautions when cases clustered temporally		
Nocardiosis, draining lesions, or other presentations	S		Not transmitted person-to-person		
Norovirus (see gastroenteritis) Norwalk agent gastroenteritis (see gastroenteritis)					
Orf	S				
Parainfluenza virus infection, respiratory in infants and young children	С	DI	Viral shedding may be prolonged in immunosuppressed patients. Reliability of antigentesting to determine when to remove patients with prolonged hospitalizations from Contact Precautions uncertain.		
Parvovirus B19 (Erythema infectiosum)	D		Maintain precautions for duration of hospitalization when chronic disease occurs in an immunocompromised patient. For patients with transient aplastic crisis or red-cell crisis, maintain precautions for 7 days. Duration of precautions for immunosuppressed patients with persistently positive PCR not defined, but transmission has occurred.		
Pediculosis (lice)	С	U 24 hrs after treatment			
Pertussis (whooping cough)	D	U 5 days	Single patient room preferred. Cohorting an option. Post-exposure chemoprophylaxis for household contacts and HCWs with prolonged exposure to respiratory secretions. Recommendations for Tdap vaccine in adults under		

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Infection/Condition	Precautions			
	Туре	Duration	Comments	
			development.	
Pinworm infection (Enterobiasis)	S			
Plague (Yersinia pestis)				
Bubonic	S			
Pneumonic	D	U 48 hrs	Antimicrobial prophylaxis for exposed HCW.	
Pneumonia				
Adenovirus	D, C	DI	Outbreaks in pediatric and institutional settings reported. In immunocompromised hosts, extend duration of Droplet and Contact Precautions due to prolonged shedding of virus.	
Bacterial not listed elsewhere (including	S			
gram-negative bacterial)				
B. cepacia in patients with CF, including respiratory tract colonization	С	Unknown	Avoid exposure to other persons with CF; private room preferred. Criteria for D/C precautions not established. See CF Foundation guideline	
B. cepacia in patients without CF(see				
Multidrug-resistant organisms)				
Chlamydia	S			
Fungal	S			
Haemophilus influenzae, type b				
Adults	S			
Infants and children	D	U 24 hrs		
Legionella spp.	S			
Meningococcal	D	U 24 hrs	See meningococcal disease above	
Multidrug-resistant bacterial (see				
multidrug-resistant organisms)				
Mycoplasma (primary atypical pneumonia)	D	DI		
Pneumococcal pneumonia	S		Use Droplet Precautions if evidence of	

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
			transmission within a patient care unit or facility		
Pneumocystis jiroveci (Pneumocystis carinii)	S		Avoid placement in the same room with an immunocompromised patient.		
Staphylococcus aureus	S		For MRSA, see MDROs		
Streptococcus, group A					
Adults	D	U 24 hrs	See streptococcal disease (group A streptococcus) below Contact precautions if skin lesions present		
Infants and young children	D	U 24 hrs	Contact Precautions if skin lesions present		
Varicella-zoster (See Varicella-Zoster)					
Viral					
Adults	S				
Infants and young children (see respiratory infectious disease, acute, or specific viral agent)					
Poliomyelitis	С	DI			
Pressure ulcer (decubitus ulcer, pressure sore) infected					
Major	С	DI	If no dressing or containment of drainage; until drainage stops or can be contained by dressing		
Minor or limited	S	If dressing covers and contains drainage			
Prion disease (See Creutzfeld-Jacob Disease)	S		If dressing covers and contains drainage		
Psittacosis (ornithosis) (Chlamydia psittaci)	S				
Q fever	S		Not transmitted from person to person		

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Rabies	S		Person to person transmission rare; transmission via corneal, tissue and organ transplants has been reported. If patient has bitten another individual or saliva has contaminated an open wound or mucous membrane, wash exposed area thoroughly and administer postexposure prophylaxis.		
Rat-bite fever (Streptobacillus moniliformis disease, Spirillum minus disease)	S		Not transmitted from person to person		
Relapsing fever	S		Not transmitted from person to person		
Resistant bacterial infection or colonization (see multidrug-resistant organisms)					
Respiratory infectious disease, acute (if not covered elsewhere)					
Adults	S				
Infants and young children	С	DI			
Respiratory syncytial virus infection, in infants, young children and immunocompromised adults	С	DI	Wear mask according to Standard Precautions. In immunocompromised patients, extend the duration of Contact Precautions due to prolonged shedding. Reliability of antigen testing to determine when to remove patients with prolonged hospitalizations from Contact Precautions uncertain.		
Reye's syndrome	S		Not an infectious condition		
Rheumatic fever	S		Not an infectious condition		
Rhinovirus	D	DI	Droplet most important route of transmission. Outbreaks have occurred in NICUs and LTCFs. Add Contact Precautions if copious moist secretions and close contact likely to		

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
			occur (e.g., young infants)		
Rubella (German measles) (also see congenital rubella)	S		Not transmitted from person to person except through transfusion, rarely		
Rickettsialpox (vesicular rickettsiosis)	S		Not transmitted from person to person		
Ringworm (dermatophytosis, dermatomycosis, tinea)	S		Rarely, outbreaks have occurred in healthcare settings, (e.g., NICU, rehabilitation hospital). Use Contact Precautions for outbreak.		
Ritter's disease (staphylococcal scalded skin syndrome)	С	DI	See staphylococcal disease, scalded skin syndrome below		
Rocky Mountain spotted fever	S		Not transmitted from person to person except through transfusion, rarely		
Roseola infantum (exanthem subitum; caused by HHV-6)	S				
Rotavirus infection (see gastroenteritis)					
	D	U 7 days after onset of rash	Susceptible HCWs should not enter room if immune caregivers are available. No recommendation for wearing face protection (e.g., a surgical mask) if immune. Pregnant women who are not immune should not care for these patients. Administer vaccine within three days of exposure to non-pregnant susceptible individuals. Place exposed susceptible patients on Droplet Precautions; exclude susceptible healthcare personnel from duty from day 5 after first exposure to day 21 after last exposure, regardless of post-exposure vaccine.		
Rubeola (see measles)					
Salmonellosis (see gastroenteritis)					
Scabies	С	U 24			

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Scalded skin syndrome, staphylococcal	С	DI	See staphylococcal disease, scalded skin syndrome below		
Schistosomiasis (bilharziasis)	S				
Severe acute respiratory syndrome (SARS) Shigellosis (see gastroenteritis)	A, D,C	DI plus 10 days after resolution offever, provided respiratory symptoms are absent or improving	Airborne Precautions preferred; D if AIIR unavailable. N95 or higher respiratory protection; surgical mask if N95 unavailable; eye protection (goggles, face shield); aerosol-generating procedures and "supershedders" highest risk for transmission via small droplet nuclei and large droplets .Vigilant environmental disinfection (see www.cdc.gov/ncidod/sars)		
Smallpox (variola; see vaccinia for management of vaccinated persons)	A,C	DI	Until all scabs have crusted and separated (3-4 weeks). Non-vaccinated HCWs should not provide care when immune HCWs are available; N95 or higher respiratory protection for susceptible and successfully vaccinated individuals; postexposure vaccine within 4 days of exposure protective.		
Sporotrichosis	S		, , ,		
Spirillum minor disease (rat-bite fever)	S		Not transmitted from person to person		
Staphylococcal disease (S aureus)					
Skin, wound, or burn					
Major	С	DI	No dressing or dressing does not contain drainage adequately		
Minor or limited	S		Dressing covers and contains drainage adequately		
Enterocolitis	S		Use Contact Precautions for diapered or incontinent children for duration of illness		

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Infection/Condition			Precautions
	Turne	Duration	
	Туре	Duration	Comments
Multidrug-resistant (see multidrug-resistant			
organisms)			
Pneumonia	_		
Scalded skin syndrome	С	DI	Consider healthcare personnel as potential source of nursery, NICU outbreak.
Toxic shock syndrome	S		
Streptobacillus moniliformis disease (rat-bite fever)	S		Not transmitted from
Streptococcal disease (group A			
streptococcus)			
Skin, wound, or burn			
Major	C,D	U 24 hrs	No dressing or dressing does not contain drainage adequately
Minor or limited	S		Dressing covers and contains drainage adequately
	_		
Endometritis (puerperal sepsis)	S		
Pharyngitis in infants and young children	D	U 24 hrs	
Pneumonia	D	U 24 hrs	
Scarlet fever in infants and young children	D	U 24 hrs	
Serious invasive disease	D	U24 hrs	Outbreaks of serious invasive disease have occurred secondary to transmission among patients and healthcare
			personnel.
			Contact Precautions for draining wound
			as above; follow rec. for antimicrobial
Observation of the Control of the Co			prophylaxis in selected conditions.
Streptococcal disease (group B streptococcus), neonatal	S		
Streptococcal disease (not group A or B) unless covered elsewhere	S		
Multidrug-resistant (see multidrug-resistant			

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
organisms)					
Strongyloidiasis	S				
Syphilis					
Latent (tertiary) and seropositivity without lesions	S				
Skin and mucous membrane, including congenital, primary, Secondary	S				
Tapeworm disease					
Hymenolepis nana	S		Not transmitted from person to person		
Taenia solium (pork)	S				
Other	S				
Tetanus	S		Not transmitted from person to person		
Tinea (e.g., dermatophytosis, dermatomycosis, ringworm)	S		Rare episodes of person-to-person transmission		
Toxoplasmosis	S				
Toxic shock syndrome (staphylococcal disease, streptococcal disease)	S				
Trachoma, acute	S				
Transmissible spongiform encephalopathy (see Creutzfeld-Jacob disease, CJD, vCJD)					
Trench mouth (Vincent's angina)	S				
Trichinosis	S				
Trichomoniasis	S				
Trichuriasis (whipworm disease)	S				
Tuberculosis (M. tuberculosis)					
Extrapulmonary, draining lesion)	A,C		Discontinue precautions only when patient is improving clinically, and drainage has ceased or there are three consecutive negative cultures of continued drainage. Examine for evidence of active pulmonary tuberculosis.		
Extrapulmonary, no draining lesion,	S		Examine for evidence of pulmonary		

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
meningitis			tuberculosis. For infants and children, use Airborne Precautions until active pulmonary tuberculosis in visiting family members ruled out.		
Pulmonary or laryngeal disease, confirmed	A		Discontinue precautions only when patient on effective therapy is improving clinically and has three consecutive sputum smears negative for acid-fast bacilli collected on separate days(MMWR 2005; 54: RR-17 http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5417a1.htm?s_cid=rr5417a1_e).		
Pulmonary or laryngeal disease, suspected	A		Discontinue precautions only when the likelihood of infectious TB disease is deemed negligible, and either 1) there is another diagnosis that explains the clinical syndrome or 2) the results of three sputum smears for AFB are negative. Each of the three sputum specimens should be collected 8-24 hours apart, and at least one should be an early morning specimen		
Skin-test positive with no evidence of current active disease	S				
Tularemia					
Draining lesion	S				
Pulmonary	S				
Typhoid (Salmonella typhi) fever (see gastroenteritis)					
Typhus					
Rickettsia prowazekii (Epidemic or Louse-borne typhus)	S		Transmitted from person to person through close personal or clothing contact		
Rickettsia typhi	S		Not transmitted from person to person		

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Infection/Condition		Precautions			
	Туре	Duration	Comments		
Urinary tract infection (including pyelonephritis), with or without urinary catheter	S				
Vaccinia (vaccination site, adverse events following vaccination) *			Only vaccinated HCWs have contact with active vaccination sites and care for persons with adverse vaccinia events; if unvaccinated, only HCWs without contraindications to vaccine may provide care.		
Vaccination site care (including autoinoculated areas)	S		Vaccination recommended for vaccinators; for newly vaccinated HCWs: semi-permeable dressing over gauze until scab separates, with dressing change as fluid accumulates, ~3-5 days; gloves, hand hygiene for dressing change; vaccinated HCW or HCW without contraindication to vaccine for dressing changes.		
Eczema vaccinatum	С	Until lesions dry and crusted, scabs separated	For contact with virus-containing lesions and exudative material		
Fetal vaccinia	С				
Generalized vaccinia	С				
Postvaccinia encephalitis					
Blepharitis or conjunctivitis	S/C				
Iritis or keratitis					
Vaccinia-associated erythema multiforme (Stevens Johnson Syndrome)	S				

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Infection/Condition	Precautions		
	Туре	Duration	Comments
Secondary bacterial infection (e.g., S. aureus, group A beta hemolytic streptococcus	S/C		
Varicella Zoster	A,C	Until lesions dry and crusted	
Variola (see smallpox)			
Vibrio parahaemolyticus (see gastroenteritis)			
Vincent's angina (trench mouth)	S		
Viral hemorrhagic fevers due to Lassa, Ebola, Marburg, Crimean- Congo fever viruses	S, D, C	DI	
Viral respiratory diseases (not covered elsewhere)			
Adults	S		
Infants and young children (see respiratory infectious disease, acute)			
Whooping cough (see pertussis)			
Wound infections			
Major	С		
Minor or limited	S		
Zygomycosis (phycomycosis, mucormycosis)			

Source: CDC. (2007). Guideline for isolation precautions: Preventing transmission of infectious agents in healthcare settings 2007.

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