

The Most Common Bacterial Pathogens Encountered in Long-Term Care Facilities

Bacterial Pathogens	Seasonality	Incubation Period	Mode of Transmission	Attack Rate	High Risk groups for severe Disease	Affected Group Settings	Main Respiratory Syndrome	Other Associated Features	Precautions Type	Precautions Period
<i>Streptococcus pneumoniae</i>	Winter	1-3 D	Droplet	Moderate	Asplenia, HIV, other immunodeficiency	Day care School, LTCFs, NHs Prisons,	Pneumonia	Sinusitis, Otitis media, Meningitis, Bacteremia	-Standard -Droplet in case of outbreak	24 hours after treatment
<i>Haemophilus influenzae</i>	Winter	Unknown	Droplet	Low	Asplenic, HIV, Sickle cell	Day care/School	Pneumonia	Otitis media, Septic Arthritis, Meningitis,	- Standard - Droplet	24 hours after treatment
<i>Moraxella catarrhalis</i>	? Winter	Unknown	Direct contact, Droplet		Elder, Infants, children those with	Healthcare facilities (pulm units),	LRTI/pneumonia in patients with COPD	Otitis media, Bacteremia	-Standard -Droplet in case of outbreak	
<i>Bordetella pertussis</i>	Late summer through	5-21D	Droplet	High	Unvaccinated	Day care, schools, Dormitory, Military	Prolonged cough, pneumonia	Apnea in infants, Encephalopathy and seizures	- Standard - Droplet	5 D after initiation of
<i>Mycoplasma pneumoniae</i>	Fall	2-4 W	Droplet	High	Asplenia, Sickle cell disease, other blood disorders	Day care, schools, Dormitory, Military Barracks, LTCFs, NHs	URTI Pneumonia, Pharyngitis	Erythema multiforme, Stevens-Johnson syndrome, Raynaud's phenomenon, Meningoencephalitis	- Standard - Droplet	DI
<i>Chlamydia pneumoniae</i>	All year	1-4 W	Droplet	High		Day Care/School	Pneumonia, Cough, Pharyngitis	Encephalitis, Sinusitis	- Standard	
<i>Legionella</i>	Summer/Fall	2-10 D	Aerosol Aspiration	Moderate	Elderly, Chronic lung disease, Tobacco smoking, Post-	Travelers Healthcare settings	Pneumonia (Legionnaires' disease) Cough (Pontiac fever)	Fever, weakness, diarrhea	- Standard - No person-to-person	

Reference: <http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf>

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