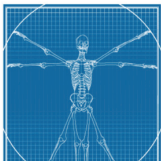


Bacterial species	Description	Frequent location	Illnesses caused	Greatly-feared strains
<i>Staphylococcus aureus</i>	Facultative anaerobic, Gram-positive coccial bacterium	Normal skin and mucosal flora	Range from minor skin infections to life-threatening diseases such as pneumonia, meningitis, osteomyelitis, endocarditis, toxic shock syndrome, bacteraemia and sepsis	Methicillin-resistant <i>Staphylococcus aureus</i>
<i>Streptococcus pyogenes</i>	Spherical Gram-positive bacterium	Normal skin flora	Range from mild superficial skin infections to life-threatening systemic diseases such as necrotizing fasciitis, toxic shock syndrome, rheumatic fever and acute glomerulonephritis	All produce virulence factors
<i>Enterococcus</i>	Gram-positive cocci	Intestines	Urinary tract infections, bacteraemia, bacterial endocarditis, diverticulitis and meningitis	Multidrug-resistant <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i>
<i>Pseudomonas aeruginosa</i>	Gram-negative, aerobic, rod-shaped bacterium	Normal skin flora and opportunistic human pathogen	Infections are generalized inflammation and sepsis, pneumonia, septic shock, urinary tract infection, gastrointestinal infection and skin and soft tissue infections	
<i>Clostridium difficile</i>	Anaerobic, spore-forming rods (bacilli)	Normal gut flora and opportunistic gut pathogen	Severe diarrhoea and other intestinal disease-associated diarrhoea and can lead to pseudomembranous colitis	
<i>Escherichia coli</i>	Gram-negative, rod-shaped bacterium	Normal lower intestine flora	Gastroenteritis, urinary tract infections, and neonatal meningitis. In rarer cases, virulent strains are also responsible for haemolytic-uremic syndrome, peritonitis, mastitis, septicaemia and Gram-negative pneumonia	<i>Escherichia coli</i> O157:H7
<i>Salmonella</i>	Rod-shaped, Gram-negative	Zoonotic facultative intracellular pathogens	Enteritis, meningitis, osteitis and osteomyelitis.	Horny/ paratyphoid <i>Salmonella</i>
<i>Acinetobacter baumannii</i>	Aerobic Gram-negative bacterium	Opportunistic infections	Severe pneumonia and infections of the urinary tract, bloodstream and other parts of the body	
<i>Mycobacterium tuberculosis</i>	Aerobic and non-motile bacteria	Mammalian respiratory system	Tuberculosis	Hyper virulent strains of <i>M. tuberculosis</i>

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