

Microbiology Of Diseases

BACTERIAL DISEASES

Name of the bacterial disease	Causative pathogen	Shape	General Symptoms
Cholera	<i>Vibrio cholerae</i>	Comma-shaped (Vibrio)	Severe diarrhea, irritation of skin around anus, very watery stool; vomiting and muscular cramps, dehydration of the body etc.
E. coli infection	<i>Escherichia coli</i>	Rod-shaped (Bacillus)	Abdominal cramping, sudden severe watery diarrhea that may change to bloody stools, gas, loss of appetite/nausea, vomiting (uncommon), fatigue, fever etc.
Dysentery	<i>Shigella dysenteriae</i>	Rod-shaped (Bacillus)	Watery diarrhea initially that may evolve to contain mucus and blood. Loss of appetite, straining during bowel movements, with accompanying rectal pain.
Typhoid fever	<i>Salmonella typhi</i>	Rod-shaped (Bacillus)	Characterized by sustained fever up to 40 °C (104 °F), headache and lethargy. It is followed by enlargement of spleen, pain in stomach and sometime rose coloured rashes on body.
Tuberculosis	<i>Mycobacterium tuberculosis</i>	Rod-shaped (Bacillus)	Symptoms may include chest pain and a prolonged cough producing sputum, fever, chills, night sweats, loss of appetite, weight loss, and fatigue.
Pertussis (Kali Khansi)	<i>Bordetella pertussis</i>	Intermediate spherical and rod shaped bacteria (Coccobacillus)	Early symptoms include cough, sneezing & runny nose. Late symptoms include ever hacking cough followed by high intake of breath, Gasping
Gonorrhea	<i>Neisseria gonorrhoeae</i>	Group of two cocci (Diplococcus)	Burning and pain during urinating. Leads to sterility
Tetanus	<i>Clostridium tetani</i>	Rod-shaped (Bacillus)	Painful stiffness of the neck (lockjaw) and difficulty in swallowing.
Diphtheria	<i>Corynebacterium diphtheriae</i>	Rod-shaped (Bacillus)	Upper respiratory tract illness having sore throat, an adherent layer on the tonsils, nasal cavity, pharynx. Toxins produce high fever, damage the nervous system and heart
Meningitis (Bacterial)	<i>Neisseria meningitidis</i>	Group of two cocci (Diplococcus)	Headache and neck stiffness associated with fever, confusion or altered consciousness, vomiting, and an inability to tolerate light or loud noises.
Impetigo (Bacterial skin infection)	<i>Staphylococcus aureus</i>	Clusters of cocci (Staphylococcus)	Fluid-filled blisters, itchy rash, skin lesions, swollen lymph nodes etc.
	<i>Streptococcus pyogenes</i>	Chain of cocci (Streptococcus)	

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A few harmful microbes, for example less than 1% of bacteria, can invade our body (the host) and make us ill. Microbes cause infectious diseases such as flu and measles. Different diseases are caused by different types of micro-organisms. Microbes that cause disease are called pathogens. Microbiology and Infectious Diseases. The human body is heavily fortified against attack by disease-causing agents. Fungal Infections: Fungal infections are a more recent threat to human health and a distinct danger to patients with a compromised immune system. Section 5 Introduction to Infectious Diseases. Introduction to Infectious Diseases Chapter Infections of the Respiratory System Chapter Microbiology of. There are four kinds of microorganisms that cause infectious disease: bacteria, fungi, parasites and viruses, and one type of infectious protein called prion. A medical microbiologist studies the characteristics of pathogens, their modes of transmission, mechanisms of infection and growth. History - Commonly treated - Diagnostic tests. Diseases Learn with flashcards, games, and more for free. Turco's Disease list (diseases here!) Learn with flashcards, games, and more for free. Study Microbiology Diseases Flashcards at ProProfs - A set of flashcards to review the details of numerous diseases. Details organism, symptoms. Buy Microbiology with Diseases by Body System, Books a la Carte Edition (4th Edition) on peacepencommunications.com ? FREE SHIPPING on qualified orders. peacepencommunications.com: Microbiology with Diseases by Body System (5th Edition) (): Robert W. Bauman Ph.D.: Books. The Infectious Diseases section within Frontiers in Microbiology provides a publication platform for high-quality research on infectious diseases, which. Microbial diseases of the skin are usually transmitted by contact with an infected individual. Although the skin normally provides a barrier to infection, when. This package includes Mastering Microbiology. Invest in your future: microbiology matters. Dr. Robert Bauman's Microbiology with Diseases by Body System, 5th. Description. For courses in introductory microbiology. This package includes Mastering Microbiology. Invest in your future: Microbiology Matters. Known for its. Welcome to the European Society of Clinical Microbiology and Infectious Diseases. 1 Dec - 92 min - Uploaded by twilighthobbit Audio recording of Lecture 20, Chapter 14 Principles of Disease and Epidemiology. Diagnostic Microbiology and Infectious Disease keeps you informed of the latest developments in clinical microbiology and the diagnosis and treatment of. For pre-nursing and allied health students (including mixed-majors courses). Invest in your future: microbiology matters. Dr. Robert Bauman's. Pitt Public Health microbiology graduate programs are devoted to infectious disease control and prevention. Learn more about our degrees and research. EJCMID is an interdisciplinary journal devoted to the publication of communications on infectious diseases of bacterial, viral and parasitic origin. The journal. Microbiology with Diseases by Taxonomy 5th edition - Robert W. Bauman (Author) - brand new loose-leaf book, has been kept in a binder in perfection condition. Buy Microbiology with Diseases by Body System (Books a la Carte) 4th ed. by Robert W Bauman (ISBN:) from Amazon's

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