

Microbes, diseases, and drugs/chemicals	Vocabulary and concepts
<p> <i>Mycobacterium tuberculosis</i> <i>Clostridium tetani</i> <i>Clostridium perfringens</i> <i>E. coli</i> <i>Gelidium</i> <i>Salmonella enterica</i> Typhi <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> 2009 Influenza A (H1N1) </p> <p> Tuberculosis Tetanus Gas gangrene Typhoid fever Strep throat Necrotizing fasciitis (flesh-eating disease) Hyperbilirubinemia (jaundice) Gonorrhoeal neonatal ophthalmia Bacteriophage (phage) Swine flu (H1N1) Bird flu (H5N1) Spanish flu (H1N1) </p> <p> Hydrogen peroxide and oxygen Sodium thioglycolate Bisphenolics Triclosan "Lysol" "Nolvasan" (Chlorhexadine) Alcohols Rubbing alcohol (isopropyl alcohol) Drinking alcohol (ethyl alcohol) Tinctures Halogens Iodine "Betadine" (iodine) "Clorox" (chlorine / sodium hypochlorite) Oxidizing agents Hydrogen peroxide Benzoyl peroxide Ozone Quaternary Ammonium Compounds (QUATS) "Bactine" (benzalkonium chloride) </p>	<p> Obligate aerobes Obligate anaerobes Facultative anaerobes Hyperbaric chamber Anaerobic jar Complex vs. chemically-defined media Nutrient agar Agar Selective media Bismuth sulfate agar Fecal-oral transfer Differential media Blood agar Gamma, alpha, beta hemolysis Streptolysin Heme Biliverdin Bilirubin Urobilinogen Bili light Differential and selective media MacConkey agar Fecal coliforms Binary fission Bacterial growth curve Lag, exponential, stationary, death phases Disinfection Antisepsis Sterilization Degerming Sanitization Pasteurization Moist heat vs. dry heat Autoclave Radiation Ultraviolet light Gamma radiation Filtration HEPA filter Osmotic pressure Oligodynamic action Relative sensitivity of microbes to chemicals Disk diffusion </p>

Heavy metals Silver / silver nitrate "Mercurochrome" (mercury) Zinc / zinc chloride Aldehydes Formaldehyde "Cidex" (glutaraldehyde) Gaseous agents Ethylene oxide Phenol	Zone of inhibition Phenol coefficient Viruses (definition and characteristics) Capsid and capsomeres Nucleic acid Envelope Helical, icosahedral, and complex virus shapes Phage therapy Hemagglutinin Neuraminidase Antigenic shift Lytic cycle (know the steps) Virion Latency (know the steps) Lysis Budding Provirus
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