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| Type of Infectious Agent | Disease Examples | Modes of Transmission | Methods of Prevention | How the Agent Reproduces | How the Agent is Treated |
| Bacteria |  -teburculosis (TB)-syphilis-Steptococcus pyogenes |  -spread through the air (coughing, etc.) -contact with a sore during sexual activity-may enter through small cuts or abrasions-infected mother to a child during childbirth-spread through airborne droplets or touching a surface an infected person touched | -wash your hands- |  -binary fission | -antibiotics-penicillin |
| Viruses |  -Rotavirus-common cold-flu | -virus is present in stool several days before and after symptoms, and is transmitted easily through person- to person contact at this time-enters through mouth or nose-hand- to- hand contact | -wash your hands after using the bathroom or changing a diaper-avoid contaminated water- | -replication-need a host | -prevention of dehydration-wait for symptoms to subside-bed rest and hydration |
| Fungus |  -Histoplas-mosis-Ringworm (Tinea corporis)-athlete’s foot (Tinea pedis) |  -spores float into the air when contaminated material is dusturbed -skin- to- skin contact-contact with objects infected person has just touched-contact with infected soil-sharing clothes or shoes-walking on public floors | -don’t touch people’s ringworm!!-don’t share shoes-don’t walk around barefoot in public-don’t wear tight shoes |  -spores (reproductive cells) |  -antifungal drugs for severe cases |
| Protozoa |  -Giardiasis-Cryptospor-idiosis-Malaria | -Accidental ingestion or person- to person transmission-touching anything that has come in contact with infected feces-mosquitoes-unborn children-blood transfusions-infected needles  |  -avoid dirty water-don’t touch your mouth-mosquito nets |  -binary fission |  -anti- parasitic drugs-anti- motility agents to slow down movement of intestines-fluid replacement therapy-antimalarial drugs |
| Helminthes |  -trichnosis-tapeworm-Ascariasis |  -eating meat such as pork, bear, walrus, or horse that is undercooked -consumption of contaminated food or water-ingestion of larval cysts in meat with this infection-contact with soil mixed with infected feces | -cook all meat thoroughly-dispose of all feces properly | -mating inside the intestines | -anti- parasite medication-medicine that is toxic to the adult organism |
| Prions |  -Creutzfeldt- Jakob Disease | -no apparent reason-exposure to infected tissue during medical procedures | - | -proteins called prions become misshapen and infectious | -no treatment |

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