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| Disease | Type of Contagion | How transmitted | Symptoms | Prevention | Treatment |
| Food poisoning | Bacteria (*E. coli, Listeria, Salmonella*), virus (Hepatitis A, Norovirus) parasites, molds | Food borne | Nausea, vomitting, diarrhea, fever, dehydration | Avoid contaminated food, thoroughly cook food to kill any infectious agents present | Hydration and rest |
| Tetanus (Lock Jaw) | Bacteria: *Clostridium tetani* | Infection through an open wound | Spasms and stiffness in jaw muscles, difficulty swallowing, body spasms, fever, sweating, rapid heart rate | Vaccination, avoid exposure | No known treatment |
| HIV/AIDS | Virus: Human Immunodeficiency | Contact with an infected person's body fluids | Early symptoms include fatigue, swollen lymph nodes, fever. Long term effect is Acquired Immunodeficiency Syndrome, or AIDS | Avoid contact with infected persons body fluids | There is no cure for HIV, viral suppression medications can reduce the effects of HIV |
| Malaria | Parasite: plasmodium | Vector: Anopheles mosquitoes, mother to fetus, blood transfusion, sharing needles with infected persons | Fever, chills, headache, nausea, vomiting, muscle pain and fatigue | Cover your skin, apply DEET to skin and permethrin to clothes, sleep under a net. | Antimalarial drugs |
| West Nile | Virus: West Nile | Vector: Anopheles mosquitoes, mother to fetus, blood transfusion | Fever, headache, body aches, skin rash, and swollen lymph nodes | Cover your skin, apply DEET to skin and permethrin to clothes, sleep under a net. | Treatment not usually needed |
| Zika | Virus: Zika | Vector: Aedes mosquitoes, mother to fetus, sex, blood transfusion | Mild | Avoid mosquito bites, sex with infected individuals | No known treatment |

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| Disease | Type of Contagion | How transmitted | Symptoms | Prevention | Treatment |
| Lyme disease | Bacteria: *Borrelia species* | Vector: ticks | Fever, headache, fatigue, and a characteristic skin rash. Lyme disease can spread to joints, the heart, and the nervous system. | Remove ticks promptly, cover your skin, apply DEET to skin and permethrin to clothes | Antibiotics |
| Syphilis | Bacteria: *Treponema pallidum* | Sexual contact, mother to fetus | Chancre sore, rash that covers entire body, warts in muscous membranes, the disease may damage your brain, nerves, eyes, heart, blood vessels, liver, bones and joints | Abstinence, monogamous sex, condoms and dental dams | Antibiotics |
| Influenza | Virus: Influenza A or B | Direct or indirect contact with respiratory and/or saliva droplets | Fever, chills, cough, sore throat, muscle aches, fatigue | Vaccination, avoid exposure, wash your hands, avoid touching face | Antiviral drugs |
| COVID-19 | Virus: SARS-CoV-2 | Direct or indirect contact with respiratory and/or saliva droplets | Flu-like symptoms. COVID-19 can cause respiratory distress; this is when to seek medical treamtnet | Avoid exposure, wash your hands, avoid touching face | No known treatment |

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| Disease | Single dose vaccination | Multiple dose vaccination | Boosters required | Annual required |
| Hepatitis B | No | Yes | No | No |
| Rotavirus | No | Yes | No | No |
| Diptheria | No | Yes | No | No |
| Tetanus | No | Yes | Yes, every ten years | No |
| Pertussis | No | Yes | No | No |
| *Haemophilus influenzae b* | No | Yes | No | No |
| Pneumococcus | No | Yes | No | No |
| Polio | No | Yes | No | No |
| Influenza | No | No | No | Yes |
| Measles, Mumps, Rubella | No | Yes | No | No |
| Varicella | No | Yes | No | No |
| Human papillomavirus | No | Yes | No | No |
| Hepatitis A | No | Yes | No | No |
| Meningitis | No | Yes | No | No |