Bloodborne Pathogens

1. Videos
   1. What is OSHA?
      1. <https://www.youtube.com/watch?v=H6wRRWi6i0c>
      2. 17 Minutes
   2. Bloodborne Pathogens General
      1. <https://www.youtube.com/watch?v=g-Who9E6SrM>
      2. 17 minutes
2. Notes
   1. What is OSHA?
      1. 3 Basic Strategies
         1. OSHA enforcement that strong, fair, and effective.
         2. They provide outreach, education, and compliance assistance.
         3. Utilize partnerships, alliances, and other cooperative and voluntary programs.
      2. OSHA Standards
      3. OSHA Act Does Not Cover
         1. Self-Employed
         2. Immediate family of farm employers
         3. Worker conditions that are regulated under worker safety or health requirements of other federal agencies.
         4. Employees of state or local governments.
      4. Do Schools Have To Keep Records?
      5. What OSHA Written Plans Will You See in Schools/Athletic Training?
         1. Emergency Action Plan
         2. Bloodborne pathogens
   2. Bloodborne Pathogens General
      1. Bloodborne Pathogens (BBP)
         1. Disease causing organisms that are present in blood.
      2. Other Potentially Infectious Materials (OPIM)
         1. Any body fluids or unfixed tissues.
      3. Exposure Control Plan
      4. Bloodborne Diseases
         1. 3 Major Viruses (Greatest Threat)
            1. HIV/AIDS

1.1 million people living in US

1 out of 5 undiagnosed

No Cure or No Vaccine

* + - * 1. Hepatitis B (HBV)

1 million chronically affected

100,000 new cases each year

No Cure but there is a Vaccine

* + - * 1. Hepatitis C (HBC)

4.1 million people infected

26,000 new cases each year

No Cure or No Vaccine

* + 1. Parenteral Exposure
       1. When pathogens enter the body through breaks in the skin or mucus membranes.
    2. Most Exposures Occur Through
       1. Needle Sticks
       2. Human Bites
       3. Skin Abrasions or cuts
    3. Infectious Material Can Include
       1. Blood or Blood Products
       2. Human Tissues
    4. Standard Precautions Rule (Universal Precautions)
       1. Treat all bodily fluids with the expectation of sweat, as if they are infectious.
    5. Proper Protective Equipment (PPE)
       1. Selected based on types of exposure you are faced with.
       2. Examples:
          1. Gloves
          2. Mouth/Eye Protection
          3. Gowns
          4. Caps
          5. Shoe Covers
          6. CPR Mask