

Bloodborne Pathogens

Municipality

Mississippi Municipal Service Company

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OSHA

Standard 29 CFR
1910.1030

Bloodborne Pathogens

Pathogenic microorganisms that are present in human blood and can cause disease to humans.

Exposure

- **Contact** - Accidental
- **Contamination** - Blood or Bodily Fluid

Broken Skin

- Infectious Blood Contact
- Cut, Rash, Abrasion, etc.

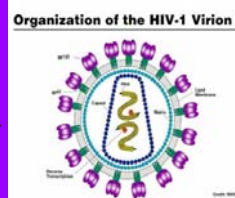
Mucus Membrane

- **Infectious Blood Contact**
- **Eye, Nose, Mouth, etc.**

Bloodborne Pathogens

HIV
AIDS
Hepatitis
Malaria
Syphilis
Leptospirosis

(HIV) Human Immunodeficiency Virus



- **Virus that causes AIDS**
- **Retrovirus**
- **Reproduced within Helper T-Cells**

(HIV) Human Immunodeficiency Virus



- **Sex - Infected Person**
- **Needles - Infected Blood**
- **Childbirth/Breastfeeding**

(AIDS) Acquired Immunodeficiency Syndrome

- **AIDS is the final stage of HIV infection**
- **HIV infected for years before symptoms**
- **Weakened immune system**
- **Unable to fight infections**
- **Virus, cancers, very low T-cell number**

Hepatitis

Inflammation Of
The Liver

Hepatitis B

- Liver Disease
- Few Weeks – Chronic Illness
- Can Lead To Liver Cancer
- Blood and Bodily Fluids
- HBV Vaccine

Hepatitis C

- Liver Disease
- Chronic Illness
- Cirrhosis & Cancer of the Liver
- Blood and Bodily Fluids
- NO Vaccine

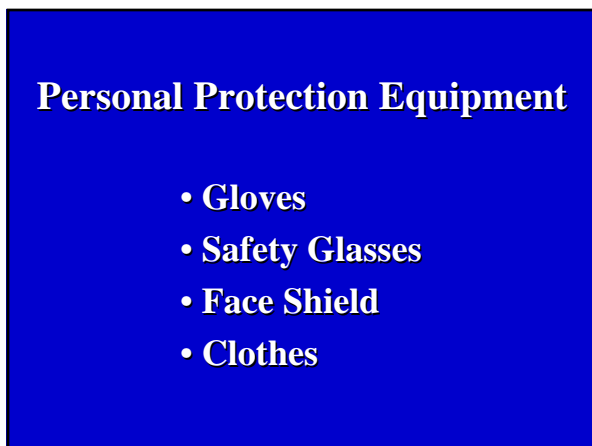
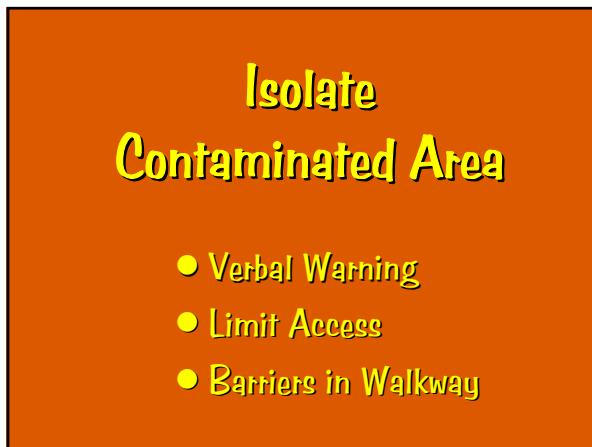
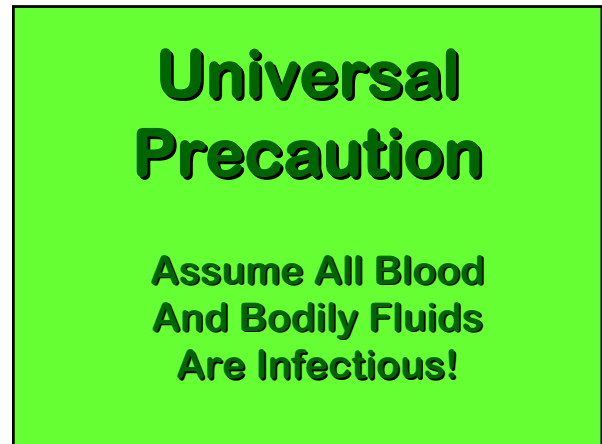
Skin Contact

- Wash
- Large Amounts
- Soap and Warm Water

Mucus Membrane Contact

- Flush
- Large Amounts
- Warm Water







Disinfectant

- EPA-Registered Disinfectant
- Bleach Solution

BLEACH SOLUTION

- 5.25 SODIUM HYPOCHLORITE
- HOUSEHOLD BLEACH
- DILUTED WITH WATER

Diluted Bleach Solution

- 1:10 Solution - Maximum
- 1 Cup of Bleach
- 9 Cups of Water

Diluted Bleach Solution

- 1:100 Solution - Minimum
- ¼ Cup of Bleach
- 1 Gallon of Water

Sanitizer Contact Time

- Approximately 10 Minutes



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