

COXHEALTH

SYSTEM POLICY – Employee Health (EH) EH04

TITLE: Blood/Body Fluid Exposure and Follow-up

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PURPOSE:

To provide the procedure for management of Healthcare Personnel Students, Volunteers, Patients and Visitors exposed to blood and body fluids.

POLICY:

Exposure to blood and other potentially infectious body fluids shall be evaluated with appropriate treatment provided, according to CDC guidelines. The policy is applicable to **Healthcare Personnel, Students, Volunteers, Patients, and Visitors** at CoxHealth who may incur a blood or body fluid exposure during the course of work, educational experience or as a Patient or Visitor, regardless of whether the exposure occurs in the clinical setting or otherwise.

SCOPE: All CoxHealth locations

DEFINITIONS:

1. Blood/Body Fluid Exposure:

- Percutaneous injury in which blood or blood-derived fluids are transferred through the skin via a needle or other sharp object that has been contaminated with blood or blood derived fluids.
- A mucous membrane exposure in which blood or blood-derived body fluids contact the mucous membranes of the eye, nose, and/or mouth.
- Blood or blood-derived body fluid contact with non-intact skin, i.e. skin that is abraded, chapped, lacerated, or afflicted with dermatitis.
- Ingestion of human breast milk by a neonate from a source other than the infant's mother.
- Human bite injuries in which the skin is broken and blood exposure occurs to the mouth of the biter. Exposure may also occur to the bitten person if the biter has blood in their mouth prior to biting, or an open sore of the gums or mucous membranes such as active gingivitis, tooth abscess, or aphthous ulcer.

2. Body Fluids:

- Blood.
- Blood-derived body fluids, i.e. semen, cerebrospinal fluid, pleural fluid, peritoneal fluid, vaginal secretions, synovial fluid, pericardial fluid, amniotic fluid, or breast milk.
- Any body fluid or substance containing visible blood.

- Un-fixed tissue or organ.
 - Fluids or un-fixed tissues containing HIV, or lab specimens of fluid or un-fixed tissue containing HIV.
3. Healthcare Personnel - All persons who provide services at CoxHealth, whether paid or unpaid.
 4. Students: All students who engage in educational experiences at Cox College and/or CoxHealth.

PROCEDURE:

- A. In the event of a blood or body fluid exposure, the exposed person shall:
 1. Wash the site with soap and water or flush mucous membranes with water.
 2. Report **immediately** to:
 - Employee Health Nurse.
 - Nursing Administration Supervisor (NAO) in the event Employee Health Nurse is unavailable.
 - Supervisor.
 - Appropriate Faculty Supervisor.
 3. Fax completed "**Blood and Body Fluid Exposure Form**" (See Appendix A) to:
 - Employee Health, Springfield 417-269-4996
 4. Enter an incident report in the on-line reporting system. See Appendix B
- B. Employee Health, Nursing Administration Supervisor, Appropriate Faculty Supervisor, or or Designated Persons will implement the following steps:
 1. For a **Known Source Patient**, order the following labs on source patient.
 - a. "**Needle Stick Protocol**" as soon as possible on source patient.
 - 1) Needle stick protocol:
 - HIV 1 Antibody Screen
 - HIV 1/O/2 Antibody
 - Hepatitis B Surface Antigen by EIA
 - Hepatitis C Antibody
 2. For **positive HIV** results on **Source Patient**, order **PEP baseline labs on exposed health care worker**.
 - Hepatitis B Surface Antibody
 - Hepatitis B Surface Antigen
 - Hepatitis C Antibody
 - HIV 1 & 2 Antibodies by EIA
 - ALT/SGPT
 - CBC
 - CMP
 - Beta-hCG serum (if female)

3. For **positive Hepatitis B Surface Antigen results on Source Patient**, order **baseline Hepatitis B labs on exposed health care worker**.
 - a. Hepatitis B surface antibody (if negative order)
 - 1) Hepatitis B panel
 - Hepatitis Bs antigen
 - Hepatitis Bc Ab IgM
 4. For **positive Hepatitis C result on Source Patient** order **Hepatitis C baseline labs on exposed person**.
 - ALT/SGPT
 - Hepatitis C Antibody
- C. For an **Unknown Source Patient** order following baseline labs on exposed person.
1. HIV 1/O/2 antibody
 2. Hepatitis C Antibody
 3. Hepatitis B Panel
 - a. Hepatitis B Panel
 - Hepatitis B Surface Antibody
 - Hepatitis Bs Antigen
 - Hepatitis Bc Ab IgM
- D. Counsel exposed person utilizing attached document. (See Appendix C). For any questions, individuals may contact Employee Health.
- E. **Coordinate Post Exposure Prophylaxis (PEP) evaluation with: (See Appendix D).**
1. Occupation Medicine during regular office hours.
 2. Emergency Department after office hours will see exposed persons in the following situations:
 - **If source patient is positive for HIV infection.**
 - **If source patient is positive for Hepatitis B infection.**
 - **Unknown Source.**
- F. Completion of follow-up appointments will be coordinated by Employee Health.

REFERENCES:

<http://wwwnc.cdc.gov/travel/yellowbook/2014/chapter-2-the-pre-travel-consultation/occupational-exposure-to-hiv>
http://www.nccc.ucsf.edu/about_nccc/pepline/

- APPENDIX A** **Blood Body Fluid Exposure form**
APPENDIX B **Incident Report**
APPENDIX C **What You Should Know If You Have Been Exposed to HIV.docx**
APPENDIX D **Determining HIV Post-Exposure PEP.docx**