

Appendix A: HCW Blood-Borne Pathogens Exposure Algorithm

** Note: Policy and Appendices located on SAH Intranet: Knowledge / Policies & Procedures / Human Resources Policies / Occupational Health / Post Exposure to Blood Borne Pathogens

First Aid:

- Allow the wound to bleed freely
- Cleanse wound thoroughly with soap and water
- If contact with mucous membranes – flush well with water
- Remove any clothing contaminated with blood or body fluid

Report the incident immediately to your Manager/Supervisor or delegate

Complete an Employee Incident Report

Source Patient:

- If known, ask if source patient will consent to testing for HIV, Hepatitis B (HBV) and Hepatitis C (HCV).
NOTE: If you (employee) are not willing to be tested as well, then source patient will not be tested
- Complete **Source Patient Release of Information Consent and Risk Assessment** (Appendix B) and send signed copy to Occupational Health Services (email to healthnurse@sah.on.ca or fax 705-759-3826).
- If source patient consents to testing, engage manager/supervisor/delegate or patient's nurse to get orders from MRP for testing for HIV, HBV and HCV (see below for order entry). Occupational Health cannot order testing for patients.
- **MEDITECH Order Entry for Source Patient Testing:**
 - Search for the **Source Pt – SAH HCW Exposure** order set
 - Orders for **Hepatitis B Virus, Hepatitis C Virus, and Hepatitis C RNA** are automatically selected in this order set.
 - Ensure you scroll down and select **HIV(1&2) Rapid Antibody Occ** and **HIV 1/2 Diagnostic Serology**.
- **Public Health Ontario Laboratory Requisitions** *Must complete all 3 requisitions*
 - **HIV Serology/HIV PCR Test Requisition**
 - In Section 6, select **HIV1/HIV2** unless patient is infant <18 months of age
 - In Section 7, select **Post-exposure prophylaxis**
 - **General Test Requisition** (use for HBV and HCV)
 - In Section 3, select **Acute Infection & Chronic Infection** and **Hepatitis B & Hepatitis C**
 - In Section 5, select **Needle Stick**
 - **Hepatitis C RNA Test Requisition**
 - Select **Pre-treatment** [unless on treatment for Hepatitis C]
 - Under *Other Relevant and Clinical Information*, insert the following sentence: **Patient is the source patient for occupational exposure and RNA requested if anti-HCV is reactive.**

Baseline Testing and Risk Assessment for HCW:

- During Occupational Health Services hours of operation, contact x4317 for assessment and to arrange baseline testing for HIV, HBV, HCV, and ALT. Note that baseline testing will not show if you were exposed during this incident. It only provides a baseline. Further testing will be arranged, if indicated, (i.e. high risk or unknown source patient) at 6 weeks, 3 months, and 6 months post-exposure.
- Occupational Health Services routine hours of operation are Monday-Friday 0700-1500, and weekends / statutory holidays 0800-1200. Hours are subject to change without notice and will be reflected in the voicemail message.
- Outside of office hours, you can choose to wait until the next day if patient is low risk and you have obtained first aid. Otherwise, you can go to the Emergency Department for assessment. If you choose to go to the ED for assessment, please leave a voicemail for Occupational Health Services at x4317 so they can follow up with you upon their return.