Updated Lab Testing Procedure using Epic order # LAB7513 – Post Blood/Body Fluid Exposure – Source Patient

September 19, 2017

Information regarding the order; summary updates are highlighted:

• Required labs on Source Patient after an exposure (specific tests below that have positive results in Epic may be omitted):
  - Hepatitis B surface Antigen (HBsAg) – (light green PST tube)
  - Hepatitis C Antibody (HCA) – (light green PST tube)
  - HIV Antigen-Antibody Combo – (light green PST tube)

• If there is an existing light green, pink, red or purple tube in Specimen Control within 72 hours prior to the exposure, labs may be added on.

  • Source patients are not required to consent to testing in the event of a reported significant exposure.
  - Written consent is not required for adults and minors who are a source patient of a significant exposure.

• Iowa State Law requires that source patients be provided information, explaining that their blood will be tested. The Epic order includes a link to an informational handout. The information in the handout must be provided to source patients or their legal guardian.

• All results are anonymous and are not filed in the patient’s chart; patient will be notified if any results are positive.

• Results are monitored through Epic’s break the glass security feature monitored by the Compliance Office; UEHC and ED personnel have been authorized to access the results.

• All testing is at no cost to the patient.

Lab Order Procedure:

1. Find Epic order # LAB7513 – Post Blood/Body Fluid Exposure – Source Patient
   (Order may be found using search words: needlestick, BBP, exposure, needle, source, scalpel, hepatitis, hepatitis C, hepatitis B, HIV, HBV, and HCV)

2. Read the following statements in the order set and click acknowledge or answer question after each:

   Source patient Hepatitis B, C and HIV testing is required due to a body fluid exposure. It is recommended that all 3 tests be ordered; however, tests may be ordered individually if indicated (e.g., source patient known positive for a disease).
   Acknowledge

   What type of injury occurred?
   Sharps injury  Splash/spray or nonintact skin
   Acknowledge

   Iowa State Law requires that source patients be notified that an exposure occurred and told which tests are being performed. Click on the link to the Source Patient Information handout below. Print this form and provide to the patient or legal guardian.
   Acknowledge

   Detailed instructions on the source patient testing are accessible at the hyperlink above the Processing Instructions.
   Acknowledge

   For UI/UIHC staff, exposed person should notify supervisor immediately and report to Employee Health Clinic (7:00 AM–4:00 PM, M–F) or Emergency Department (all other hours). Infectious disease testing on exposed person is NOT ordered in Epic.
   Acknowledge

   Test results will be filed in a restricted account separate from the patient’s medical record. Test results do NOT route to Epic inBasket. Follow-up is done by Employee Health, Student Health, Epidemiology, or ED physician.
   Acknowledge

3. Complete question below.

Blood sample availability (see Processing Instruction below for more details):

Dropdown choices for above question:

- Select #1 if light green, pink, red or purple tube PST tube is present in Specimen Control < 72 hours old.
- Select #2 if no blood specimen is available. The completed order will print at local printer and should be sent with sample to Specimen Control.

4. Complete the next questions. If blood is present in lab, be sure to select priority of “Add-on” at beginning of order.

If specimen is already available in Specimen Control, select Priority of “Add-on” above and then sign order. Requisition will print in Specimen Control.

Tests:

5. For the question above, all three orders (for HBV, HCV and HIV) may be ordered or they can be chosen individually if the source patient has a known diagnosis of HBV, HCV, and/or HIV. The user can select either one or two of the three tests.

All 3 tests for HBV, HCV and HIV: Hepatitis B surface antigen (HBsAG), hepatitis C antibody (anti-HCV) and HIV antigen/antibody combo (HIV)

6. For the next question, select correct response of who was exposed:

- **UI/UIHC employee**: includes paid staff/employees and volunteers for University of Iowa (UI) and University of Iowa Hospitals and Clinics (UIHC) including fellows and residents. Results always route to the Medical Director of University Employee Health Care (UEHC), and are accessible by ED staff on off-hours.
- **UI Student**: includes all UI allied health students irrespective of Health Science College. Results always route to Medical Director of Student Health.
- **UICMS**: UICMS staff members.
- **Other person not listed above**: includes a variety of non-UI/UIHC personnel including paramedics, Good Samaritans, transport personnel, law enforcement and other first responders not employed by UI, UIHC or College of Dentistry. Typically, these exposures are handled in the Emergency Department and results route to the ordering provider.

7. The next statement pertains to the exposed person’s identification and can be University Employee ID # or other (use MRN# or other reliable identifier for non-UIHC employees).

The testing results are posted in a restricted account and annotated with the source patient MRN and the exposed person’s identifier that you provide here. For UIHC Employee University ID # (back of badge), use the 8-digit number on the left side of the back of the badge, including leading zeros but excluding the trailing 2 digits.

8. Complete and sign order. Verify that order is correctly placed under Order Review section in Epic. Make sure order has been placed as a current order and not for future visit, as noted by the house icon.

- These changes align with current state law requirements for HIV testing and UI HealthCare Policy, Policy Governing Human Immunodeficiency Virus (HIV) Education, Testing, Reporting and Confidentiality.
- References: IC-05.001 Protocol for Evaluation and Treatment of Hospital Staff Members Potentially Exposed to Blood Borne Pathogens.

Contacts for Questions:
- University Employee Health Clinic (356-3631 or employee-health@uiowa.edu) or
- The Program of Hospital Epidemiology (356-1606)