

# 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 hand out **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)

The screenshot shows the Epic order entry interface for the order set 'POST BLOOD/BODY FLUID EXPOSURE-SOURCE PATIENT'. It features a 'Priority:' dropdown menu with 'Add on' selected, and a 'Routine' dropdown menu with 'Add on' selected.

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

1 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).

1 What type of injury occurred?

1 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 hand out below. Print this form and provide to the patient or legal guardian.

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

1 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

1 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

Reference Links: [1. Source Patient Information](#) [2. Pre-test education](#) [3. Non-UI personnel](#)  
[4. Detailed Instructions](#)

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### 3. Complete question below.

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

Dropdown choices for above question:

Title
1. Specimen already available in core laboratory. Select priority of "add-on" and sign order.
2. No specimen available. Draw new light green tube. The completed order will print at local printer and should be sent with sample to Specimen Control.

- 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.**

Acknowledge

**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.

Title
1. All 3 tests for HBV, HCV, and HIV: Hepatitis B surface antigen (HBSG), hepatitis C antibody (HEPC) and HIV antigen/antibody combo (HIV)
2. Hepatitis B surface antigen (Cerner: HBSG)
3. Hepatitis C antibody (Cerner: HEPC)
4. HIV antigen/antibody combo (Cerner: HIV)

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

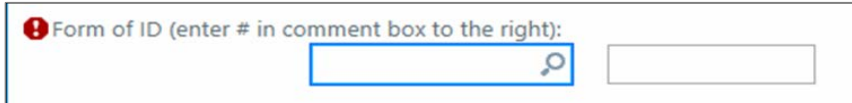
Title
UI/UIHC employee (charged to 21406, MRN 07700512, UIHC STAFF EXPOSURE, CLIENT, ordering physician Dr. Patrick Hartley #L788)
UI Student Exposure (charged to 21455, MRN 07707088, UIHC STUDENT EXPOSURE, CLIENT, ordering physician Dr. Paul Natvig #H311)
UICMS staff exposure (charged to 88750 MRN 07706251 UICMS EXPOSURES, CLIENT, ordering physician Dr. Patrick Hartley #L788)
Other person not listed above (charge to 21509, MRN 07706740, UIHC EMER PROVIDER EXP, CLIENT)

- **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.

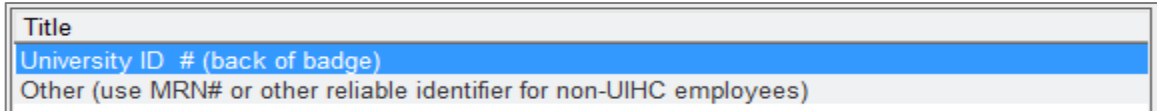
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- 7. The next statement pertains to the exposed person’s identification and can be University Employee ID # or other (use MRN# or other reliable identifier for non-UIHC employees).**

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.



A screenshot of a form field with the label "Form of ID (enter # in comment box to the right):". Below the label is a text input box with a magnifying glass icon on the right side, and an empty rectangular box to its right.



A screenshot of a dropdown menu with the following options:

- Title
- University ID # (back of badge)
- Other (use MRN# or other reliable identifier for non-UIHC employees)

- 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](mailto:employee-health@uiowa.edu)) or
- The Program of Hospital Epidemiology (356-1606)