Guidelines for Post Blood and Body Fluid Exposure on Source Patient

1. Background:
   a. Effective Tuesday, June 4, 2013, an Epic process for ordering infectious disease testing on the source patient of a body fluid exposure incident became available. This is Epic order # LAB7513.

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<thead>
<tr>
<th>POST BLOOD/BODY FLUID EXPOSURE-SOURCE PATIENT</th>
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<tbody>
<tr>
<td>Priority: Routine, ONCE First occurrence Today at 1645</td>
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<td>Priority: Routine</td>
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   b. Summary of changes:
      1) The order provides a process for ordering hepatitis B surface antigen (LAB625), hepatitis C antibody (LAB627), and/or HIV antigen/antibody combo (LAB7444) on the source patient of a body fluid exposure (e.g., needle or scalpel stick, body fluid splash).
      2) The order has options for the appropriate consent process which varies based on age of source patient (minor < 18 years old vs. adult 18 years or older) and whether testing can be performed as add-on to existing blood sample or requires a new blood draw on the source patient.
      3) The results route to an anonymous restricted (“break the glass”) account based on the category of exposed person (UI/UIHC employee, UI student, UICMS staff, or other). The accounts use anonymous MRNs and are based on where the testing charges are to be directed, as neither the source patient nor the exposed person is billed for the source patient testing. Entry into this account is audited by Hospital Compliance. Test results are kept anonymous by being reported to the appropriate one of these MRNs and do not file in the source patient’s Epic record.

   NOTE: 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.

2. UI/UIHC staff exposed to blood or body fluids should notify supervisor immediately and report to University of Employee Health Clinic (7:00 AM – 4:30, Monday-Friday) or Emergency Department (all other hours).
3. Epic Order Guidelines:
   a. Questions 1-5:

   **Prompt** | **Answer**
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   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). | Acknowledge
   2. Detailed instructions on the source patient testing are accessible at the hyperlink above the Processing Instructions. | Acknowledge
   3. For UI/UC staff, exposed person should notify supervisor immediately and report to Employee Health Clinic (7:00 AM-4:30 PM, M-F) or Emergency Department (all other hours). Infectious disease testing on exposed person is NOT ordered in Epic. | Acknowledge
   4. 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 ETC physician. | Acknowledge
   5. Blood sample availability and consent process (see Processing Instruction below for more details). |

**NOTE:** Question 5 has different prompts based on whether patient is < 18 years old (minor) or 18 years or older (adult).

1. **For source patient who is an adult (18 years or older):**

   a. No consent is needed if blood specimen (PST tube) < 72 hours old is already available in Specimen Control. In this case, priority should be selected as “add-on”. Specimen control will then receive order and perform the testing.
   b. If no blood specimen is available and a new blood draw is required, verbal consent should be obtained
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prior to blood draw. If no blood specimen is available and neither the patient is able to consent nor is a responsible guardian immediately available, blood may be drawn without consent. In both of these situations, the Epic order printout and PST tube should be sent to Specimen Control.

2. • For source patient who is a minor (< 18 years old):

   a. As with adult source patients, no consent is needed if blood specimen (PST tube) < 72 hours old is already available in Specimen Control. In this case, priority should be selected as “add-on”. Specimen Control will then receive order and perform the testing.

   b. If no blood specimen is available and a new blood draw is required, written consent should be obtained prior to blood draw. The consent form for minors is accessible by a hyperlink below. If no blood specimen is available and neither the patient is able to consent nor is a responsible guardian immediately available, blood may be drawn without consent. In both of these situations, the Epic order printout and PST tube should be sent to Specimen Control.

b. Questions 6 & 7

1. Question 6 is relevant when a blood specimen is already available for the source patient.

2. All three orders (for HBV, HCV and HIV) may be ordered or they can be chosen individually.
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Question 8

1. **UI/UIHC employee:** This includes paid staff/employees for University of Iowa (UI) and University of Iowa Hospitals and Clinics (UIHC) including fellows and residents. The results always route to Drs. Patrick Hartley and Laurance Fuortes of University Employee Health Care (UEHC).

2. **UI Student:** This includes all UI allied health students irrespective of health science college. The results always route to medical director of Student Health.

3. **UICMS staff:** This includes paid staff/employees of the UICMS outpatient clinics. These results always route to Dr. Harriet Echternachy.

4. **Other person not listed above:** This would include 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 Treatment Center. The results route to the ordering provider. The hyperlink to the UIHC policy for handling these types of exposures is available below.

   c. **Question 9**
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1. Question #9 requires entry of a type of identification for the exposed person. This can be UI/UIHC employee ID #, UI ID #, or another ID #. The testing results are resulted into the restricted account and annotated with the source patient MRN and the exposed person ID number entered.

4. Contacts for Questions:
   a. Matthew Krasowski, MD, PhD, Director of Clinical Laboratories (384-9380, matthew-krasowski@uiowa.edu), or
   b. Stephanie Holley, Infection Control and Prevention (356-0311, Stephanie-holley@uiowa.edu)