Blood and body fluid exposures

Order Tests on “Source” patient via Wiz so results are available in StarPanel when exposed employee receives treatment
When a healthcare worker is exposed to a patient’s blood or infectious body fluids, the stakes are high.
Risk of Infection After Needlestick

From an Infected Patient

- Hepatitis B - 1 in 3 needlesticks
- Hepatitis C – 1 in 100 needlesticks
- HIV - 1 in 333 needlesticks & 1 in 1000 splashes
- Risk is Higher if:
  - the wound is deep
  - the needle was hollow-bore
  - the patient has a high viral load

CDC - MMWR 1998
Time is of the essence

Antiviral therapy given within the first 2 hours reduces the risk by 80%.
Order Tests from Wiz on “Source Patient”.

Tests conducted on Source of Exposure

- Rapid HIV
- Hepatitis Panel

Who Should Order Tests On Source?

- Any MD/NP on Unit the exposure occurred
- Charge Nurse may enter the orders, conferring with any provider to include as ordering physician
Timely Results on “Source Patient’s” Labs Make a Difference

- OHC and the ED can more accurately determine treatment needed for exposed employee if they have lab results on the “source” within 2 hours.

- “Source” Lab results can be viewed in StarPanel by OHC or ED and will direct treatment of the employee.

- If Wiz is down or location doesn’t use Wiz, order Hepatic Panel and Rapid HIV manually.
Step 1: Type “source” (or “needlestick” or “exposure”)

Step 2: Select “evaluate source patient”

The necessary lab tests are bundled together
****Important****

Make sure the exposed employee goes to Occupational Health or the ED,

regardless of the HIV results.
When should I go...ED or OH?

- Go to Occupational Health during office hours
  7:30am – 5:30pm, Monday – Friday

- When Occupational Health is closed, go to Emergency Department and identify yourself as an employee who has had an exposure
Take Home Points....

- If Employee is Exposed, Test “Source” Immediately so Source Labs are available in StarPanel to help guide OHC or ED staff in treating exposed employee.

- Order “Source” patient labs in Wiz from this order set: “Evaluate source patient whose blood/body fluids caused exposure.” Orders can be entered by any MD or Charge Nurse conferring with an MD.

- Send exposed employees to Occupational Health, or to the ED after hours, for evaluation. **DO NOT TREAT EXPOSED EMPLOYEES YOURSELF!!**

- Always notify supervisor and complete “TN First Report of Work Injury”