

## PROJECT PRAKASH

### KEY LEARNING POINTS

**Training:** Hepatitis Induction Program

**Topic:** Needle Stick Injury & Injection Safety

**Faculty:** Ms. Tarika Sharma, Lecturer, CON, ILBS

**Period:** 2018 – 2020

**Attendees:** In-service Nurses

Needle stick injury (NSI) is defined as percutaneous exposure where the skin is breached by a needle or any sharp object contaminated by blood or other bodily fluid due to accidental pricks.

- ✚ Nurses, doctors, laboratory staff, housekeeping staff and patients itself are at risk of NSI.
- ✚ Hypodermic needles, blood collection needles, suture needles and needles used in intravenous delivery systems are majorly responsible for causing NSI.
- ✚ WHO recommends that all HCWs should be vaccinated against hepatitis B.
- ✚ Use of safety syringes with a sharps injury protection (SIP) feature are recommended by WHO.
- ✚ Follow the post exposure prophylaxis in case of an NSI.
- ✚ Limit the use of multi-dose vials and dedicate them to a single patient whenever possible.
- ✚ Always use aseptic technique when preparing and administering injections.

#### Do's & Don'ts in case of a NSI encounter

DO's	DON'T's
<ul style="list-style-type: none"><li>• Remove gloves, if appropriate.</li></ul>	<ul style="list-style-type: none"><li>• Do not panic!</li></ul>
<ul style="list-style-type: none"><li>• Wash wound site thoroughly with running water and soap.</li></ul>	<ul style="list-style-type: none"><li>• Do not reflexively place pricked finger into mouth.</li></ul>
<ul style="list-style-type: none"><li>• Irrigate thoroughly with running water or distilled water if splashes have gone into the eye or mouth.</li></ul>	<ul style="list-style-type: none"><li>• Do not squeeze blood from wound, this cause trauma and inflammation, increasing risk of infection transmission</li></ul>
<ul style="list-style-type: none"><li>• Spit out any fluid - rinse the mouth with water and spit it out again.</li></ul>	<ul style="list-style-type: none"><li>• Do not apply alcohol, betadine or any other chemical on the wound surface as this may further increase trauma.</li></ul>

- ✚ Report NSI to your supervisor.
- ✚ Start Post exposure prophylaxis as appropriate.

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