

NEEDLE STICK INJURY POLICY

1. **Purpose.** The purpose of this SOP is to establish the Guidelines for Needle stick injury.
2. **Scope.** All faculty/students/ staff involved directly or indirectly in drawing / handling / processing and disposing blood samples, needles and sharps.
3. **Responsibility.** College administration has made it mandatory for all students to get vaccinated against HBV by the end of 1st year MBBS for their own protection and safety.
4. **Procedure**
 - a. **Practices to Reduce Risk**
 - (1) Avoid use of needles where safe and effective alternatives are available e.g., use of closed system of blood collection i.e. vacutainer, hinge needle shield and use of self-blunting needles.
 - (2) During handling of needles exercise extreme care. Dispose needles promptly in sharps disposal containers ONLY; No recapping the needles.
 - (3) Placing sharps containers at eye level and at arms' reach, checking sharps containers on a schedule and disposing them as per hospital waste management protocol when full.
 - (4) All faculty/ students/ staff should be vaccinated against HBV as per recommendation. There is no vaccine or approved prophylaxis against HCV.
 - (6) Any needle stick injury case should be brought to the notice of HOD /college administration without delay.
 - b. **Management of needle stick injury**
 - (1) Do not panic or put the injured finger in the mouth.
 - (2) Immediately wash the wound and surrounding skin with running tap water and soap.
 - (3) Do not scrub or use bleach, chlorine, or alcohol on the wound.

c. **Reporting needle stick injury**

- (1) **During Working Hours.** The injured person will report to the HOD. He will be responsible for informing the HOD Emergency Medicine and referring the patient to the medical specialist.
- (2) **Reporting Time.** Ideally should be reported as soon as possible preferably within 30 mins.

DEALING WITH SPILLAGE LIQUID SPILL MANAGEMENT

(BLOOD, BODY FLUIDS ETC)

Dealing with Spillage Liquid Spill Management (Blood, CSF, Wound Aspirates, Body Fluids etc. is done as follows: -

- a. Promptly clean and decontaminate spills of blood and other potentially infectious materials.
- b. Don't panic
- c. Inform others
- d. Doff the PPE
- e. Get the spill kit
- f. Donn new PPE
- g. Using a pair of forceps, carefully retrieve the broken glass pieces and discard them into sharp container
- h. Define spill parameters
- i. Cover the spill with absorbent towel. Pour 0.5% freshly prepared sodium hypochlorite solution
- j. Leave for at least 30 minutes
- k. Remove the absorbent towels from outside inwards.
- l. Dispose all the soiled materials into the infectious waste bag
- m. Clean the area with gauze or mop with water and detergent with gloved hands