Questionnaire

Section 1: Socio-demographic characteristics

1. Age

2. Gender

3. Workplace at Hospital

4. Years of experience

5. Marital status

Section 2 : Prevalance and Practices of nurses toward NSI and the prevention of HIV and Hepatitis B

1. Number of Needlestick injuries you had in your career so far.

A) Zero
B) Once
C) 2-4 times
D) 5 or more times
E) Don't remember

1.1. What was the injury type?

A) Superficial (little or no bleeding)
B) Moderate (skin punctured, some bleeding)
C) Severe (deep stick/cut, or profuse bleeding)

1.2. Did you report the Needlestick injury?

A) Yes
B) No

1.3. Did you receive medical attention within 2 h after injury?

A) Yes
B) No

1.4. What action was taken after the injury? - (Multiple-response question)

A) Washed with soap and water
B) Got tested for HIV, hepatitis B, and hepatitis C
C) Identified the source patient
D) Got post-exposure prophylaxis (PEP) when the source patient was unknown or tests positive for HIV & Hepatitis B
E) Checked Anti-HBs titer

1.5. Device involved in the last incident.

A) Intravenous (IV) cannula
B) Butterfly needle
C) Hypodermic needle
D) Phlebotomy needle
E) Lancets
F) Razors
G) Scissors
H) Suture needles
I) Others

1.6. At what point of time did the NSI occur?

A) Before procedure
B) During procedure
C) While recapping the needle/during disposal

1.7. Work area where recent injury occurred?

A) Outdoor patient room
B) Hospital wards
C) Emergency wards
D) Intensive/Critical care unit
E) Operating room/Recovery
F) Others.....

1.8. When did the NSI occur?

A) During graduation for nursing
B) During post-graduation
C) After joining job

1.9. Did you ever got infected with any blood borne infection after NSI?

A) Yes
B) No

1.9.1. If yes, which infection?

A) HIV
B) Hepatitis B
C) Hepatitis C
D) Others

1.10. Were you offered post-exposure prophylaxis?

A) Yes
B) No

1.11. Did you complete the post-exposure prophylaxis?

A) Yes
B) No

1.11.1. If no, what was the reason for discontinuation?

A) Fear of adverse effects
B) Assuming that it was enough
C) Assuming that the drug was not effective
D) I had to purchase the Immunoglobulin/vaccine/ART that was costly
E) Other reasons: (mention)

2. Do you recap needles with 2 hands before disposal?

A) Yes
B) No

3. Do you bend needles before disposal?

A) Yes
B) No

4. Is the safety box/disposal container usually available?

A) Yes
B) No

5. Do you always put sharp items into their assigned disposal container?

A) Yes
B) No

6. Do you always change gloves for each patient during blood taking?

A) Yes
B) No

7. Have you got vaccinated against HBV?

A) Yes
B) No

7.1. How many doses of HBV vaccine did you receive?

A) 1
B) 2
C) 3

Section 3: Attitude of nurses toward NSI

1. All sharp injuries at work should be reported immediately.
A) Yes
B) No
2. Sharp objects waste should be disposed of by a professional company not in domestic waste.
A) Yes
B) No
3. What do you think are the factors that can lead to a needlestick injury? (Select best 5 answers)
A) Recapping
B) Manipulating needle in a patient
C) Disposal related
D) IV line related
E) Clean up
F) Collision with fellow health care worker carrying a needle
G) Passing needle after use
H) Stress related
I) High patient load per nurse
4. What do you think are the reasons for non-reporting of the needlestick injuries? (Select best 4)
A) Never knew that such incidences are need to be reported
B) Being too busy with managing patients-Time pressure
C) Needlestick injury by fresh needle rather than contaminated ones
D) Not knowing how to report
E) No need to worry if fully vaccinated
F) Fear of stigma and embarrassment

5. Changing of gloves during blood collection and tests is waste of time.
A) Yes
B) No
6. Post exposure prophylaxis medications for HIV are available in our institution.
A) Yes
B) No
C) Don't know
7. Post exposure prophylaxis medications for Hepatitis B are available in our institution.
A) Yes
B) No
C) Don't know
8. Do you recommend Post exposure prophylaxis for those who had been exposed to Hepatitis B?
A) Yes
B) No

9. Recapping of the needle after performing nursing procedures is recommended to decrease the risk of needlestick injury.

A) Yes
B) No
C) Don't know
10. Dispose in a sharps container after performing procedures is recommended to decrease the risk of needlestick injury.
A) Yes
B) No
C) Don't know
11. Are you aware of the procedure and guidelines to follow if you sustain a needlestick injury in your workplace?
A) Yes
B) No
C) Don't know
12. If you have a needlestick injury your immediate action will be-
A) to clean hands with sterile cotton
B) to wash your hand with water only
C) to wash your hands with soap and water
D) Not sure
13. Do you know that there is a Post exposure prophylaxis guideline available for prevention of Hepatitis B after a needlestick injury?
A) Yes
B) No
C) Not sure
14. Do you know that there is a Post exposure prophylaxis guideline available for prevention of HIV after a needlestick injury?
A) Yes
B) No
C) Not sure

15. I was taught about post exposure prophylaxis for prevention of HIV during graduation.
A) Yes
B) No
C) Don't know
16. I was taught about post exposure prophylaxis for prevention of Hepatitis B during graduation.
A) Yes
B) No
C) Don't know
17. Meaning of Post exposure prophylaxis for HIV-
A) Medical help given to prevent occupational transmission of HIV before exposure.
B) Medical help given to clients after the transmission of HIV.
C) Medical help given to prevent the occupational transmission of HIV after exposure.
D) Psychological support given HIV positive people
E) Not sure
18. Time for Post exposure prophylaxis initiation for HIV-
A) When the source patient is at high risk for HIV
B) When the patient is known to be HIV positive.
C) When the HIV status of the source is unknown
D) For any needle stick injury in the work place
E) Not sure
19. Preferable time to take Post exposure prophylaxis for HIV-
A) Within an hour
B) Within 6 hours of exposure
C) Within 12 hours of exposure
D) Within 72 hours of exposure
E) Don't know
20. Duration to take Post exposure prophylaxis for HIV-

A) 7 days
B) 14 days
C) 28 days
D) 40 days
E) Don't know