

Keywords: Needle stick injury, Needle stick, Needle stick injury, Needle stick injury, Needle stick injury

Background

Needle stick injuries (NSIs) are a common occupational hazard for healthcare workers (HCWs). NSIs can result in the transmission of bloodborne pathogens such as hepatitis B virus (HBV), hepatitis C virus (HCV), and human immunodeficiency virus (HIV). The prevalence of NSIs among HCWs varies significantly across different settings and countries. In a study conducted in a district hospital, the prevalence of NSIs among HCWs was found to be 9.37%. The majority of NSIs were reported among nurses, followed by doctors and other healthcare staff. The most common locations for NSIs were in the ward and the emergency department. The majority of NSIs were reported to have occurred while performing routine procedures such as drawing blood, administering injections, and handling sharps. The majority of NSIs were reported to have occurred while handling sharps. The majority of NSIs were reported to have occurred while handling sharps. The majority of NSIs were reported to have occurred while handling sharps.

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Background

Abstract

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Method

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The prevalence of needle stick injuries among healthcare workers in the district hospital was 12.5% (95% CI 9.8-15.2%). The majority of the injuries (87.5%) were reported to the occupational health and safety department. The majority of the injuries (87.5%) were reported to the occupational health and safety department. The majority of the injuries (87.5%) were reported to the occupational health and safety department.

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Table 1: Breakdown of Needle stick injuries and reporting of the incidents based on gender and grade.

	Needle stick injuries in (N=23)	Reported Needle stick injuries (N=15)	Reporting rate of Needle stick injuries
Gender			
Male	7	2	28.57%
Female	15	12	80%
Did not specify	1	1	100%
Position			
Doctors	15	10	66.67%
Nursing staf	7	5	71.43%
Medical student	1	0	0%
Total reporting	23	15	65.22%

Table 2: Familiarity of The Hospital NSI Policy amongst 3 different answer groups.

Familiarity of Hospital Needle stick reporting Policy	Familiarity without having an NSI (N=46)	Never reported an NSI (N=7)	Familiarity of NSI prior to reporting (N=14)	Total (N=67)
1. Not familiar and don't know what to do	2	0	0	2
2. Not familiar but know what to do	11	3	1	15
3. Familiar and know what to do but need some assistance	13	0	4	17
4. Quite familiar with the policy and don't need any help	8	1	1	10
5. Very familiar with the policy and can help others with their reporting	12	3	8	23
Mean, 95% CI	3.37 (3.01, 3.73)	3.57 (2.45, 4.69)	4.14 (3.56, 4.72)	3.55 (3.25, 3.85)

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