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Health> Vol.5 No.1, January 2013	Special Issues Guideline	
OPEN GACCESS Occupational exposures to blood and body fluids (BBF):	Health Subscription	
care workers in general hospitals in Lebanon	Most popular papers in Health	
PDF (Size: 326KB) PP. 70-78 DOI: 10.4236/health.2013.51010	About Health News	
Author(s) Ibtissam Sabbah, Hala Sabbah, Sanaa Sabbah, Hussein Akoum, Nabil Droubi	Frequently Asked Questions	
ABSTRACT Healthcare workers (HCWs) who are employed in traditional health care workplaces face a serious danger that may threaten their life; it is their exposure to blood and body fluids (BBF). In Lebanon, the introduction of a hospital accreditation system has put a particular emphasis on staff safety, and on the evaluation of professional practice (EPP) programs. Methods: A cross-sectional survey was conducted amongst 277 HCWs working in 4 general hospitals in South Lebanon. Objective: 1) describe the prevalence and the risk factors for occupational exposure to BBF among HCWs; 2) evaluate knowledge, attitude, and practices of HCW concerning blood-borne pathogens and adherence to universal safety precautions. Results: The mean age of the respondents was 32.14 years (SD = 10.33), 57.4% were females. 43.3% of HCWs expressed that they use gloves all the time for every activity of care. 67.1%	Recommend to Peers	
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were aware that needles should not be recapped after use; registered nurses and nursing students were more aware than physicians and nursing assistants (nurse) in this subject. 30% of HCWs declared having had at least one	Visits:	1,148,485
occupational exposure to BBF; 62.7% of all accidental exposure was reported to the department responsible for managing exposures. Percutaneous injuries were the most frequently reported. Vaccination coverage was 88.4% for hepatitis B, and 48.4% against influenza. The source patient was tested in 43.4% of reported BBF exposures. Accidental exposure to BBF was more frequent in older people (OR = 3.42 ; p = 0.03) and the more experienced. Subjects working in intensive care unit ward reported more exposure to BBF (OR = 3 ; p = 0.04). Participants incurring exposure to BBF resorted to different measures after the injury suggesting a lack of a uniform policy for post-exposure prophylaxis. Conclusion: Exposure to BBF represents an important and frequently preventable occupational hazard for HCWs in Lebanon that requires continuous EPP of HCWs, and a comprehensive approach for prevention and management.	Sponsors, Associates, and Links >>	
KEYWORDS Occupational exposure to blood and body fluids; Evaluation of the Professional Practice; Knowledge, Attitude, and Practices (KAP); Controlled Language; Healthcare Workers		
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