

Table 3 Safe injection knowledge, attitudes and practices of the physicians and nurses

Item	Physicians (n = 47)	Nurses (n = 85)	Statistical test
Knowledge and attitudes			
HIV, HBV & HCV can be transmitted from injections [No. (% agreeing)]	26 (55.3)	30 (35.5)	$\chi^2 = 4.96$; P < 0.05
Needle and sharp objects should be kept in a puncture-proof container [No. (% agreeing)]	42 (89.4)	72 (84.7)	$\chi^2 = 0.56$; NS
Needle and sharp objects should be kept always in a closed container [No. (% agreeing)]	43 (91.5)	77 (90.6)	$\chi^2 = 0.03$; NS
Needle and sharp objects wastes should be disposed of by a professional company not in domestic waste [No. (% agreeing)]	43 (91.5)	78 (91.8)	$\chi^2 = 0.01$; NS
Patients usually prefer injections [No. (% agreeing)]	21 (44.7)	23 (27.1)	$\chi^2 = 4.23$; P < 0.05
Practices			
No. of injections given during an average week [mean (SD); median]	1.7 (2.3) 1.3	25.5 (30.3) 15	t = 5.37; P < 0.05
Percentage of prescriptions including at least 1 injection [mean (SD) median]	10.4 (16.7) 4.2	–	–
Had a needlestick injury in the past year [No. (%)]	7 (14.9)	14 (16.5)	$\chi^2 = 0.06$; NS
No. of needlestick injuries per person per year [mean (SD)]	0.21 (0.54)	0.38 (0.93)	t = 1.26; NS
Had at least 3 doses of hepatitis B vaccine [No. (%)]	35 (74.4)	70 (82.4)	$\chi^2 = 1.15$; NS
Recap needle with 2 hands before disposal usually [No. (%)]	28 (59.6)	34 (40.0)	$\chi^2 = 4.66$; P < 0.05
Bend needle before disposal usually [No. (%)]	15 (31.9)	10 (11.8)	$\chi^2 = 8.01$; P < 0.05
Remove needle before disposal usually [No. (%)]	16 (34.0)	27 (31.8)	$\chi^2 = 0.07$; NS

n = total number of staff; HIV = human immunodeficiency virus; HBV = hepatitis B virus; HCV= hepatitis C virus; SD = standard deviation; NS = not significant.