

Table 3 Distribution of determinants of sharps injury among practitioners in private medical clinics in Landhi town, Karachi

Variable	Sharps injury				OR (95% CI)	P-value
	Yes		No			
	No.	%	No.	%		
Total	85	26.8	232	73.2		
Years of work experience						
< 5	30	46.2	35	53.8	5.7 (2.5–13.2)	
5–10	25	36.8	43	63.2	3.8 (1.7–8.9)	< 0.001
10–15	18	21.2	67	78.8	1.8 (0.8–4.2)	
15+	13	13.0	87	87.0	1	
Years of schooling						
10–12	75	37.5	125	62.5	6.4 (3.0–13.9)	< 0.001
14–16	10	8.5	107	91.5	1	
No. of injections administered per day						
< 30	10	10.0	90	90.0	1	< 0.001
≥ 30	75	34.6	142	65.4	4.7 (2.2–10.3)	
No. of patients per day						
≤ 20	7	7.1	91	92.9	1	< 0.001
> 20	78	35.6	141	64.4	7.2 (3.0–17.8)	
Use of disposable syringe for each injection						
Yes	6	7.5	74	92.5	1	< 0.001
No	79	33.3	158	66.7	6.2 (2.5–16.5)	
Needle recapping after use						
Yes	81	29.2	196	70.8	3.7 (1.2–12.7)	0.017
No	4	10.0	36	90.0	1	

OR = odds ratio; CI = confidence interval.