

Table 1 Personal characteristics of health care workers ever experiencing needlestick injury (NSI) in the last 12 months and those not exposed to such injury in teaching hospitals in Alexandria

| Characteristic | NSI (n = 438) | | No NSI (n = 207) | | OR | 95% CI |
|--------------------------------|------------------|------|---------------------|------|------|-----------|
| | No. | % | No. | % | | |
| Age (years) | | | | | | |
| > 20 | 142 | 32.4 | 53 | 25.6 | 1 | |
| 20-< 30 | 138 | 31.5 | 46 | 22.2 | 0.74 | 0.39-1.84 |
| 30-< 40 | 112 | 25.6 | 50 | 24.2 | 0.96 | 0.45-2.74 |
| 40-< 50 | 36 | 8.2 | 34 | 16.4 | 0.32 | 0.02-0.59 |
| 50-60 | 10 | 2.3 | 24 | 11.6 | 0.28 | 0.01-0.51 |
| Sex | | | | | | |
| Male | 143 | 32.6 | 63 | 30.2 | 1 | |
| Female | 295 | 67.4 | 144 | 69.6 | 1.8 | 0.64-2.70 |
| Work experience (years) | | | | | | |
| < 1 | 219 | 50.0 | 67 | 32.4 | 1 | |
| 1-< 5 | 162 | 37.0 | 86 | 41.5 | 0.76 | 0.37-1.85 |
| 5+ | 57 | 13.0 | 54 | 26.1 | 0.34 | 0.01-0.73 |

OR = odds ratio; CI = confidence interval.