

Table 2 Risk factors associated with OBI in Egyptian HCWs

| | Positive | | χ^2 | <i>P</i> value |
|-----------------------------|----------|-------|----------|----------------|
| | <i>n</i> | % | | |
| Age (yr) | | | | |
| ≤ 30 | 2 | 28.6 | 0.010 | 0.918 |
| ≥ 30 | 5 | 71.4 | | |
| Sex | | | | |
| Female | 0 | 0.0 | 7.619 | 0.006* |
| Male | 7 | 100.0 | | |
| Prior surgery | | | | |
| No | 7 | 100.0 | 0.477 | 0.490 |
| Yes | 0 | 0.0 | | |
| Non-HCPs | | | | |
| HCPs | 4 | 57.1 | 0.004 | 0.953 |
| Nongovernmental HCWs | | | | |
| Governmental HCWs | 3 | 42.9 | 0.070 | 0.791 |
| Governmental HCWs | | | | |
| | 4 | 57.1 | | |
| Diabetes mellitus | | | | |
| No | 7 | 100.0 | 0.114 | 0.736 |
| Yes | 0 | 0.0 | | |
| PAT | | | | |
| No | 7 | 100.0 | 0.056 | 0.812 |
| Yes | 0 | 0.0 | | |
| Anti-HCV | | | | |
| Nonreactive | 6 | 85.7 | 0.013 | 0.909 |
| Reactive | 1 | 14.3 | | |

*Significant result ($P \leq 0.05$).

HCP – healthcare provider; HCV – hepatitis C virus; HCW – healthcare worker; OBI – occult hepatitis B infection; PAT – parenteral antischistosomal therapy.