

Table 2 Factors associated with preventability of the sentinel events reported to the Saudi Ministry of Health, January 2012-June 2015

| Variable | Preventability | | Odds ratio (95% confidence interval) | P-value |
|--------------------------|----------------------------|------------------------|--------------------------------------|---------|
| | Not preventable No. (%) | Preventable No. (%) | | |
| Sex | | | | |
| Male (n = 75) | 1 (1.3) | 74 (98.7) | Reference | |
| Female (n = 155) | 17 (11.0) | 138 (89.0) | 9.06 (1.59, 194.9) | 0.01 |
| Age group (years) | | | | |
| < 1 (n = 47) | 1 (2.1) | 46 (97.9) | Reference | |
| 1-5 (n = 9) | 0 (0.0) | 9 (100.0) | - | |
| 6-18 (n = 19) | 1 (5.3) | 18 (94.7) | 2.51 (0.06, 101.6) | 0.58 |
| 19-64 (n = 151) | 16 (10.6) | 135 (89.4) | 5.42 (0.93, 117.8) | 0.11 |
| ≥ 65 (n = 20) | 0 (0.0) | 20 (100.0) | - | |
| Intervention | | | | |
| Non-surgery (n = 146) | 9 (6.2) | 137 (93.8) | Reference | |
| Surgery (n = 137) | 13 (9.5) | 124 (90.5) | 1.59 (0.65, 4.01) | 0.30 |
| Delivery (n = 23) | 4 (17.4) | 19 (82.6) | 3.17 (0.78, 11.25) | 0.16 |
| Hospital | | | | |
| Government (n = 275) | 21 (7.6) | 254 (92.4) | Reference | 0.28 |
| Private (n = 34) | 5 (14.7) | 29 (85.3) | 2.08 (0.65, 5.73) | |