

## Supplemental Information

**SUPPLEMENTAL TABLE 4** Number and Percentage of Patients Who Developed HAP by Age Group and Risk Factor

|  | 0–5 y      | 6–10 y     | 11–15 y    | 16–18 y    |
|--|------------|------------|------------|------------|
| <b>Region of injury<sup>a</sup></b>      |            |            |            |            |
| Isolated head and neck                   | 90 (0.8)   | 31 (0.8)   | 64 (1.0)   | 178 (2.2)  |
| Multisite without head and neck          | 19 (0.7)   | 15 (1.2)   | 26 (1.0)   | 140 (2.2)  |
| Multisite with head and neck             | 111 (2.6)  | 94 (2.8)   | 226 (3.2)  | 824 (5.7)  |
| <b>Mechanism of injury</b>               |            |            |            |            |
| MVC                                      | 79 (2.0)   | 89 (2.2)   | 178 (2.6)  | 782 (4.8)  |
| Pulmonary                                | 9 (2.9)    | 9 (4.9)    | 11 (4.4)   | 11 (5.3)   |
| Fall                                     | 45 (0.7)   | 10 (0.6)   | 30 (1.3)   | 59 (2.4)   |
| Firearm                                  | 3 (3.0)    | 0 (0)      | 21 (3.4)   | 140 (5.2)  |
| Blunt trauma                             | 16 (1.5)   | 7 (1.2)    | 17 (1.0)   | 23 (0.9)   |
| Other/unspecified                        | 68 (1.1)   | 25 (1.3)   | 59 (1.4)   | 127 (2.6)  |
| <b>Sex</b>                               |            |            |            |            |
| Male                                     | 138 (1.3)  | 87 (1.6)   | 215 (2.0)  | 860 (4.3)  |
| Female                                   | 82 (1.1)   | 53 (1.7)   | 101 (2.0)  | 282 (3.1)  |
| <b>ISS</b>                               |            |            |            |            |
| <16                                      | 37 (0.4)   | 14 (0.3)   | 21 (0.2)   | 90 (0.6)   |
| ≥16                                      | 150 (2.6)  | 99 (4.1)   | 246 (5.1)  | 822 (8.2)  |
| <b>GCS score</b>                         |            |            |            |            |
| <8                                       | 105 (8.3)  | 83 (12.8)  | 176 (12.5) | 625 (20.0) |
| ≥8                                       | 79 (0.7)   | 46 (0.7)   | 100 (0.8)  | 399 (1.8)  |
| Ventilation days <sup>b</sup>            | 162 (13.7) | 100 (16.5) | 243 (18.2) | 923 (26.8) |
| Length of stay (d) <sup>b</sup>          | 154 (9.9)  | 99 (13.0)  | 232 (15.3) | 948 (23.2) |
| Intensive care days <sup>b</sup>         | 164 (11.7) | 105 (15.4) | 254 (17.1) | 971 (26.9) |
| <b>Comorbid conditions, <i>n</i> (%)</b> |            |            |            |            |
| 0  | 187 (1.1)  | 112 (1.5)  | 259 (1.9)  | 893 (3.8)  |
| 1+                                       | 33 (2.6)   | 28 (2.8)   | 57 (2.6)   | 249 (4.2)  |

GCS, Glasgow Coma Scale.

<sup>a</sup> Number of patients who developed HAP within each age group and risk factor (% of patients with that risk factor who developed HAP).

<sup>b</sup> Risk factor categorized at 90th percentile.