

eTable 1. Comparison of Outcomes in Patients with Cholecystostomy Tube vs the Unmatched Patients

| Outcomes | Cholecystostomy tube placement | No cholecystostomy tube placement | Odds ratio, hazard ratio, or beta coefficient |
|-----------------------------------|---------------------------------------|------------------------------------------|------------------------------------------------------|
| Mortality, n (%) | | | |
| In-hospital | 135 (24.0) | 382 (22.6) | OR 1.08 (0.86-1.35) |
| 30-d | 219 (38.9) | 553 (32.7) | HR 1.26(1.05-1.50)* |
| 90-d | 263 (46.7) | 668 (39.6) | HR 1.26(1.08-1.46)* |
| 2-y | 365 (64.8) | 998 (59.1) | HR 1.19(1.04-1.36)* |
| Readmission, n (%) | | | |
| 30 d | 82 (14.6) | 89 (5.3) | HR 2.93(2.12-4.05)* |
| 90 d | 121 (21.5) | 115 (6.8) | HR 3.48(2.60-4.64)* |
| Within 2 y | 158 (28.1) | 154 (9.1) | HR 3.08(2.87-4.90)* |
| Length of stay, d, median (q1,q3) | | | |
| During index hospital admission | 13 (6, 16) | 10 (4, 12) | Beta 0.91 (0.63)† |
| During 90-d period | 15 (7, 20) | 11 (4, 13) | Beta 2.56 (1.29)† |
| Cholecystectomy, n (%) | | | |
| On index admission | 63 (11.2) | 995 (58.9) | OR 0.08 (0.06-0.11) |
| Any time during 2 y | 188 (33.4) | 1,091 (64.6) | HR 0.26(0.21-0.31)* |
| In-hospital occurrences, n (%) | | | |
| Surgical site infection | 34 (6.4) | 66 (3.9) | OR 1.57 (1.03-2.39) |

| | | | |
|-------------------------|------------|------------|---------------------|
| Urinary tract infection | 192 (34.1) | 608 (36.0) | OR 0.92 (0.75-1.12) |
| Pneumonia | 193 (34.3) | 590 (34.9) | OR 0.97 (0.89-1.19) |
| Deep vein thrombosis | 47 (8.4) | 135 (8.0) | OR 1.05 (0.74-1.50) |
| Embolism | 26 (4.6) | 66 (3.9) | OR 1.20 (0.75-1.92) |
| MI | 76 (13.5) | 175 (10.4) | OR 1.35 (1.02-1.81) |

*Hazard ratio derived from Cox Proportional Hazard models.

†Point estimation or the difference of the pooled mean.