Acceptance of Pharmacist-Led Stewardship Recommendations for Patients with Community-Acquired Pneumonia

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Supplemental Material

Supplemental Material Legend

**E-Table 1**. Characteristics of Patients with and without a Recommendation (First Patient Encounter Only)

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| **e-Table 1:** **Characteristics of Patients with and without a Recommendation (First Patient Encounter Only)** |  |

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| **Characteristic** | **Overall****(N = 5,389)** | **No Recommendation** **(N = 4,779)** | **Recommendation** **(N = 610)** | ***P* Value** |
| Age, years  | 71 (16) | 71 (16) | 73 (15) | 0.005 |
| Gender |  |  |  | 0.6 |
|     Female | 2,727 (51%) | 2,424 (51%) | 303 (50%) |  |
|     Male | 2,662 (49%) | 2,355 (49%) | 307 (50%) |  |
| Ethnic Group  |  |  |  | 0.5 |
|     African American | 1,374 (25%) | 1,211 (25%) | 163 (27%) |  |
|     Asian/Pacific Islander | 51 (0.9%) | 45 (0.9%) | 6 (1.0%) |  |
|     Caucasian | 3,720 (69%) | 3,300 (69%) | 420 (69%) |  |
|     Hispanic | 117 (2.2%) | 105 (2.2%) | 12 (2.0%) |  |
|     Multi-Racial | 52 (1.0%) | 45 (0.9%) | 7 (1.1%) |  |
|     Native American | 7 (0.1%) | 7 (0.1%) | 0 (0%) |  |
|     Other | 50 (0.9%) | 49 (1.0%) | 1 (0.2%) |  |
|     Patient Refused | 18 (0.3%) | 17 (0.4%) | 1 (0.2%) |  |
| Extended Spectrum Antibiotics  | 2,700 (50%) | 2,369 (50%) | 331 (54%) | 0.029 |
| CURB65 score  | 1 (1) | 1 (1) | 2 (1) | 0.12 |
| Severe CAP  | 795 (15%) | 701 (15%) | 94 (15%) | 0.6 |
| Admission to ICU | 922 (17%) | 878 (18%) | 44 (7.2%) | <0.001 |
| Vasopressors  | 416 (7.7%) | 394 (8.2%) | 22 (3.6%) | <0.001 |
| MRSA Swab  | 2,718 (50%) | 2,393 (50%) | 325 (53%) | 0.14 |
| Positive MRSA Swab | 255 (9.4%) | 238 (9.9%) | 17 (5.2%) | 0.006 |
| Pneumococcal Vaccine  | 4,139 (77%) | 3,664 (77%) | 475 (78%) | 0.5 |
| Respiratory Virus Panel  | 625 (12%) | 542 (11%) | 83 (14%) | 0.1 |
| Positive Respiratory Virus Panel  | 168 (27%) | 144 (27%) | 24 (29%) | 0.7 |
| Respiratory Culture  | 1,276 (24%) | 1,105 (23%) | 171 (28%) | 0.007 |
| Positive Respiratory Culture  | 391 (31%) | 341 (31%) | 50 (29%) | 0.7 |
| Blood Culture  | 3,390 (63%) | 2,989 (63%) | 401 (66%) | 0.12 |
| Positive Blood Culture  | 426 (13%) | 390 (13%) | 36 (9.0%) | 0.021 |
| Length of Stay, days  | 5.7 (5.2) | 5.6 (5.2) | 6.7 (4.9) | <0.001 |
| Consult to Infectious Disease  | 1,953 (36%) | 1,784 (37%) | 169 (28%) | <0.001 |
| Consult to Pulmonary Medicine  | 1,850 (34%) | 1,596 (33%) | 254 (42%) | <0.001 |

1. Patient characteristic data are represented at the patient encounter level
2. Values are presented as n (%) or mean (SD) unless otherwise stated
3. Pearson’s Chi-squared test; Wilcoxon Rank Sum Test; Fisher’s Exact Test