Supplemental Table 1. Characteristics of Included Patients

|  |  |
| --- | --- |
|  | N = 104 |
| Mean (SD) age in years | 69 (15) |
| Male sex | 64 (62) |
| Index CDIa episodes First SecondThird or greater | 30 (29)36 (35)38 (37) |
| Recent CDIa (within 30 days of index CDI) | 27 (26) |
| Mean CCIb score (SD) | 5 (3) |
| CCIb categoryLowMediumHighVery high  | 8 (9)13 (14)10 (11)62 (67) |
| Non-CDIa antibiotic exposureWithin 90 days prior to index infectionDuring current index infection | 32 (31)20 (19) |
| Other pertinent diagnoses/risk factors for diseaseMedian (IQR) length of hospitalization in daysProton Pump Inhibitor UseInflammatory bowel diseaseTube FeedsActive chemotherapySolid organ transplantHematopoietic Stem Cell TransplantNeutropeniaMean serum albumin g/dL | 8 (6)58 (56)23 (22)10 (10)10 (10)2 (2)0 (0)0 (0)2.6 (0.8) |

Data presented as n (%) unless otherwise specified

a *Clostridioides difficile* infection

b Charlson comorbidity index

Supplemental Table 2 Hospital Characteristics

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Hospital | Licensed beds | Number of included Cases | ID physician present and involved with ASP | GI physician present | Pharmacist FTE for Stewardship duties | ID trained clinical pharmacistpresent | Average hospital onset *Clostridioides difficile* infections per month |
| 1  | 394 | 29 | Y | Y | 0.5 | N | 4.5 |
| 2  | 495 | 27 | N | Y | 0.0 | N | 3.5 |
| 3  | 250 | 14 | Y | Y | 1.0 | Y | 3.2 |
| 4  | 156 | 12 | Y | Y | 0.5 | N | 2.9 |
| 5  | 133 | 8 | Y | Y | 0.5 | N | 3.4 |
| 6  | 335 | 5 | Y | Y | 0.25 | N | 1.7 |
| 7  | 213 | 4 | Y | Y | 0.3 | N | 0.6 |
| 8  | 49 | 2 | N | N | 0.0 | N | 0.1 |
| 9  | 228 | 2 | N | Y | 0.0 | N | 1.0 |
| 10  | 171 | 1 | N | Y | 0.5 | N | 0.9 |