**Supplementary Table 1**. Characteristics of Patients with *Clostridioides difficile* infection (CDI) in the pre-intervention versus intervention periods

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| --- | --- | --- | --- |
| Characteristic | Pre-intervention (N=103) | Intervention(N=105) | *P* value |
| Age, mean years (standard deviation) | 56 (18) | 57 (18) | 0.78 |
| Male sex | 48 (47) | 50 (48) | 0.67 |
| Nursing home resident | 5 (5) | 6 (6) | 0.96 |
| Clinical conditions |  |  |  |
|  Diabetes mellitus | 29 (28) | 35 (33) | 0.51 |
|  End-stage renal disease | 7 (7) | 10 (10) | 0.64 |
|  Chronic liver disease | 5 (5) | 2 (2) | 0.31 |
|  Immune suppression | 16 (16) | 27 (26) | 0.10 |
| Initial CDI episode | 91 (88) | 93 (89) | 1.0 |
| CDI severity \* |  |  |  |
|  Non-severe | 82 (80) | 80 (76) | 0.62 |
|  Severe | 18 (18) | 17 (16) | 0.85 |
|  Fulminant | 3 (3) | 8 (8) | 0.32 |
| CDI treatment regimen |  |  |  |
|  Metronidazole | 55 (53) | 54 (51) | 0.78 |
|  Vancomycin | 33 (32) | 34 (32) | 1.00 |
|  Metronidazole plus vancomycin | 12 (12) | 14 (13) | 0.83 |
|  Fidaxomicin | 2 (2) | 2 (2) | 1.00 |
|  No treatment | 1 (1) | 1 (1) | 1.00 |
| Proton pump inhibitor therapy | 41 (40) | 50 (48) | 0.32 |
| Non-CDI antibiotics within 2 months prior to CDI diagnosis | 71 (69) | 77 (73) | 0.44 |
| Nursing home stay within 2 months after discharge | 22 (21) | 35 (33) | 0.08 |

Data are no. (%) unless otherwise specified. Non-severe = white blood cell count <15,000 cells/mL and serum creatinine <1.5 mg/dL; Severe = white blood cell count >15,000 cells/mL or serum creatinine >1.5 mg/dL; Fulminant = hypotension or shock, ileus, megacolon.