**Supplementary Table 1. Clinical characteristics**

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| Variables | Total(n = 367) |
| Patient demographics |  |
| Age, median, (IQR) years | 70 (56-80) |
|  Sex |  |
|  Male | 197 (53.7) |
|  Female | 170 (46.3) |
| History of smoking (n = 355) a | 195/355 (54.9) |
|  History of drinking (n = 352) a | 184/352 (52.3) |
|  Any antimicrobial agent allergy | 29 (7.9) |
| Comorbidities |  |
| Charlson comorbidity index score, median, (IQR) | 2 (0-4) |
|  Chronic lung disease | 35 (9.5) |
|  Diabetes mellitus | 78 (21.3) |
| Liver disease | 61 (16.6) |
|  HIV infection | 2 (0.5) |
|  Renal disease |  |
|  Normal renal function | 338 (92.1) |
|  Chronic kidney disease without hemodialysis | 5 (1.4) |
|  Chronic kidney disease with hemodialysis | 24 (6.5) |
|  Collagen disease | 36 (9.8) |
|  Any malignancies | 68 (18.5) |
| Clinical characteristics at the time of ID consultation |  |
| Department |  |
|  Critical care medicine | 49 (13.4) |
| General surgery | 48 (13.1) |
|  Orthopedics | 47 (12.8) |
|  Gynecology | 42 (11.4) |
|  Other surgical departments b | 48 (13.1) |
|  General internal medicine | 33 (9.0) |
|  Other medical departments c | 95 (25.9) |
|  Other departments d | 5 (1.4) |
|  Reason for ID consultation |  |
|  Management of documented ID | 214 (58.3) |
|  Management or diagnosis of presumed ID | 146 (39.8) |
|  Management of antimicrobial allergy | 7 (1.9) |
|  Diagnosis made by ID team |  |
|  Bloodstream infection/ Endovascular infection e | 127 (34.6) |
|  Lower respiratory infection | 20 (5.4) |
|  Intraabdominal infection/Hepatobiliary infection | 41 (11.2) |
|  Osteoarticular infection | 56 (15.3) |
|  Urinary tract infection | 32 (8.7) |
|  SSTI/NSTI | 20 (5.4) |
|  Sepsis unknown origin/ Febrile neutropenia | 6 (1.6) |
|  SSI | 13 (6.3) |
|  CNS infection | 7 (1.9) |
|  STD | 12 (3.3) |
|  CDI | 7 (1.9) |
|  ENT infection | 7 (1.9) |
|  Other f | 19 (5.2) |

Note:

Data are presented as a number (%) unless otherwise specified.

a Missing data exist.

b Neurosurgery, urology, dental surgery, plastic surgery, otolaryngology, and cardiac surgery.

c Gastroenterology, pulmonary medicine, rheumatology, cardiology, hematology, neurology, nephrology, and endocrinology.

d Dermatology, and psychiatry.

e Endovascular infection included endocarditis, catheter-related bloodstream infection, cardiac implantable electronic device infection, mycotic aneurysm, prosthetic vascular graft infection, and septic thrombophlebitis.

f Other included cyst infection, pyometra, mediastinitis, phlebitis, dog bite, pelvic inflammatory disease, tetanus, endometritis, endophthalmitis, and salpingitis.

Abbreviations: IQR, interquartile range; HIV, human immunodeficiency virus; ID, infectious disease; SSTI, skin and soft tissue infection; NSTI, necrotizing soft tissue infection; SSI, surgical site infection; CNS, central nervous system; STD, sexually transmitted disease; CDI, *Clostridioides difficile* infection; ENT, ear, nose and throat.