**Supplementary Table 8. Comparison of characteristics and clinical outcomes of the patients with community-acquired and nosocomial spontaneous bacterial peritonitis**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Community-acquired** **(n = 213)** | **Nosocomial** **(n = 48)** | ***p* value** |
| Age, years | 56 (52–63) | 56 (49–66) | 0.56 |
| Male | 157 (73.7) | 40 (83.3) | 0.23 |
| Past SBP | 35 (16.4) | 7 (14.6) | 0.81 |
| Shock | 7 (3.3) | 1 (2.1) | 0.99 |
| Hb | 10.6 ± 2.0 | 10.8 ± 2.1 | 0.53 |
| Platelet | 84 (52–128) | 63 (35–97) | 0.005 |
| WBC | 7.18 (4.90–10.60) | 6.63 (4.88–9.72) | 0.40 |
| CRP | 17.7 (5.7–52.8) | 5.4 (1.9–22.7) | 0.001 |
| INR | 1.57 (1.38–1.98) | 1.57 (1.32–1.76) | 0.21 |
| Bilirubin | 4.41 (2.61–7.57) | 5.18 (2.93–10.50) | 0.28 |
| Albumin | 2.6 (2.2–2.9) | 2.8 (2.5–3.0) | 0.01 |
| Cr | 1.1 (0.8–1.6) | 1.0 (0.8–1.4) | 0.29 |
| Child-Pugh score | 10 (9–12) | 11 (10–12) | 0.91 |
| MELD | 19 (15–25) | 20 (16–24) | 0.92 |
| Ascites WBC | 3200 (1250–7920) | 1411 (692–2450) | <0.001 |
| Ascites PMN | 2720 (920–6400) | 998 (496–2008) | <0.001 |
| Cultured bacteria | 70 | 12 | 0.005 |
| Escherichia Coli | 27 (38.6) | 1 (8.3) |  |
| Klebsiella | 17 (24.3) | 7 (58.3) |  |
| Streptococcus | 16 (22.9) | 1 (8.3) |  |
| Staphylococcus | 2 (2.9) | 1 (8.3) |  |
| Aeromonas | 5 (7.1) | 0 |  |
| Acinetobacter | 0 | 2 (16.7) |  |
| Bacteroides | 1 (1.4) | 0 |  |
| Bacillus | 1 (1.4) | 0 |  |
| Enterococcus | 1 (1.4) | 0 |  |
| Multi-drug resistance |   |   |  |
| MDR | 14 (20.0) | 2 (16.7) | 0.99 |
| XDR | 0 | 1 (8.3) | 0.31 |
| Treatment Response  |  |  |  |
| rPMN>25% at 48h | 164 (77.0) | 38 (79.2) | 0.89 |
| ITT120cure | 148 (69.5) | 42 (87.5) | 0.02 |
| ITT168cure | 167 (78.4) | 44 (91.7) | 0.06 |
| Death in 1 month | 40 (18.8) | 8 (16.7) | 0.89 |

MDR (multidrug resistant bacteria), was defined as acquired non-susceptibility to at least one agent in 3 or more antimicrobial categories; XDR (Extensively-drug resistant bacteria) was defined as non-susceptibility to at least one agent in all but 2 or fewer antimicrobial categories and pandrug-resistant (PDR) as non-susceptibility to all currently available agents

Abbreviation: SBP, spontaneous bacterial peritonitis; CRP, C-reactive protein; Hb, hemoglobin; INR, international normalized ratio; Cr, creatinine; MELD, model for end stage liver disease; rPMN, reduction of polymorphonucleated cells; ITT120cure, resolution of spontaneous bacterial peritonitis assessed by intention-to-treat analysis at 120 hours; ITT168cure, resolution of spontaneous bacterial peritonitis assessed by intention-to-treat analysis at 168 hours;