**Supplementary Table 4. Comparison of the first infections in patients with cirrhosis among different levels of hospitals\***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristics** | **Central hospitals****(n=637)** | **Regional hospitals****(n=622)** | **County-level hospitals****(n=179)** | ***P* value** |
| Patients with positive cultures, n (%) | 304 (47.7) | 249 (40.0) | 67 (37.4) | < 0.001 |
| MDR bacteria, n (%) | 141 (34.7) | 86 (31.2) | 25 (34.7) | > 0.05 |
| XDRbacteria, n (%) | 12 (3.0) | 4 (1.4) | 0 (0.0) | > 0.05 |

Data were presented as number (percent). Statistical analysis was performed by Chi-Squared test or Fisher exact test.

\*Central hospitals: The First Affiliated Hospital of Medical School of Zhejiang University, Sir Run Run Shaw Hospital, Mengchao Hepatobiliary Hospital of Fujian Medical University, The Second Affiliated Hospital of Nanchang University. Regional hospitals: Ningbo No.2 Hospital, The First Affiliated Hospital of Ningbo University, The First Hospital of Jiaxing, The Fifth Affiliated Hospital of Wenzhou Medical University, Affiliated Hangzhou First People’s Hospital, Hangzhou Xixi Hospital, Huzhou Central Hospital, The People’s Hospital of Quzhou, Affiliated Hospital of Shaoxing University, Linyi People's Hospital, Weifang People's Hospital, Sir Run Run Shaw Alaer Hospital, Dongguan Ninth People's Hospital, First Hospital of Yangtze University, The Fifth People's Hospital of Huaian. County-level hospitals: Ningbo Beilun District People’s Hospital, Yiwu Central Hospital, The Third Affiliated Hospital of Wenzhou Medical University, the First People’s Hospital of Wenling, The First People’s Hospital of Xiaoshan District