**Additional file 2: TableS2 The demographics, clinical characteristics and outcome in Staphylococcus aureus and other bacterial septic arthritis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **All****(231)** | **Staph****(54)** | **Other bacterial group****(177)** | ***p-value*** |
| Female (n, %) | 86, 37.2% | 13, 24.1% | 73, 41.2% | .025 |
| Age mean: (mean±SD) | 60.8+17.3 | 63.45+16.79 | 60.0+16.79 | 0.381 |
| Season (n, %) |  |  |  |  |
|  Summer  | 47, 20.3% | 12, 22.2% | 35, 19.8% | 0.869 |
|  Rainy  | 130, 56.3% | 25, 46.3% | 82, 46.3% | 1.00 |
|  Winter  | 54, 23.4% | 12, 22.2% | 35, 19.8% | 0.702 |
|  Diabetic mellitus  | 71, 30.7% | 23, 42.6% | 48, 27.1% | 0.043 |
|  ESRD (n, %)  | 12, 5.2% | 8, 14.8% | 4, 2.3% | 0.001 |
|  Liver disease  | 30, 13.0% | 14, 25.9% | 16, 9.0% | 0.002 |
| History skin infection (n, %) | 30, 13.0% | 16, 29.6% | 14, 7.9% | <0.001 |
| History of intraarticular steroid injection (n, %) | 7, 3.0% | 5, 9.3% | 2, 1.1% | 0.009 |
| Pattern of joint involvement (n, %) |
| Monoarthritis  | 122, 52.8% | 37, 68.5% | 85, 48.0% | 0.009 |
| Oligoarthritis  | 58, 25.1% | 13, 24.1% | 58, 32.8% | 0.243 |
| Polyarthritis  | 51, 22.1% | 4, 7.4% | 34, 19.2% | 0.057 |
| Extra articular involvement (n, %)  |
|  Skin involvement | 30, 13.0% | 12, 22.2% | 18, 10.2% | 0.035 |
|  Cardiac involvement | 6, 2.6% | 4, 7.4% | 2, 1.1% | 0.028 |
| Death (n, %) | 38, 16.5% | 17, 31.5% | 21, 11.9% | 0.001 |