|  |  |  |  |
| --- | --- | --- | --- |
| Characteristic | Time on antibiotics <24 hours  Number (%) | Time on antibiotics ≥24 hours  Number (%) | P Value |
| Sample Size | 37 ( 100) | 259 ( 100) |  |
|  | | | |
| **Age Group** |  |  | < 0.01 |
|  |  |  |  |
| 21-49 | 10 (27.0) | 77 (29.7) |  |
| 50-69 | 26 (70.3) | 119 (45.9) |  |
| 70+ | 1 (2.70) | 63 (24.3) |  |
|  | | | |
| % Female | 15 (40.5) | 97 (37.5) | NS |
|  | | | |
| BAL Yield, % with pathogenic growth | 21 (56.8) | 85 (32.8) | < 0.01 |
|  | | | |
| %Leukemia | 18 (48.6) | 176 (68.0) | <0.05 |
|  | | | |
| **Ventilator** |  |  | NS |
| not vented | 35 (94.6) | 233 (90.0) |  |
| On vent | 2 (5.41) | 21 (8.11) |  |
| vented <48h after BAL | 0 ( 0 ) | 5 (1.93) |  |
|  | | | |
| **WBC** |  |  | <0.001 |
| normal | 18 (48.6) | 45 (17.4) |  |
| <4000 or >12000 | 14 (37.8) | 89 (34.4) |  |
| neutropenic | 5 (13.5) | 125 (48.3) |  |
|  | | | |
| **Medication** |  |  | <0.001 |
| Missing data | 1 (2.70) | 1 (0.39) |  |
| None | 8 (21.6) | 40 (15.4) |  |
| Chemo | 2 (5.41) | 124 (47.9) |  |
| Immunosupressants | 6 (16.2) | 35 (13.5) |  |
| Combined | 20 (54.1) | 59 (22.8) |  |
|  | | | |
| **BAL Return volume** |  |  | NS |
| Missing data | 1 (2.70) | 5 (1.93) |  |
| <30cc | 1 (2.70) | 14 (5.41) |  |
| 30-59cc | 21 (56.8) | 125 (48.3) |  |
| 60-89cc | 13 (35.1) | 98 (37.8) |  |
| 90-120cc | 1 (2.70) | 17 (6.56) |  |
|  | | | |
| **BAL Lobe** |  |  | NS |
| Missing data | 1 (2.70) | 22 (8.49) |  |
| Right | 24 (64.9) | 162 (62.5) |  |
| Left | 12 (32.4) | 75 (29.0) |  |

Table 4. Patient characteristics stratified by time on antibiotics at the time of BAL sampling.