**Supplementary table 1. EQUAL Score items in cases with candidemia.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EQUAL Score - at least 7 days survival** | **Overall** | | **Survival** | | **Non-survival** | | **p value** |
| % achieved EQUAL Score points/achievable points | 77% (59%-86%)  [27%-100%] | | 79% (59%-89%)  [27%-100%] | | 73% (59%-82%)  [32%-91%] | | 0.067 |
| Initial blood culture (40 mL) | 117 | 92.1 | 81 | 90.0 | 36 | 97.3 | 0.279 |
| Species identification | 127 | 100.0 | 90 | 100.0 | 37 | 100.0 | 1.000 |
| Susceptbility testing | 121 | 95.3 | 86 | 95.6 | 35 | 94.6 | 1.000 |
| Echocardiography | 68 | 53.5 | 52 | 57.8 | 16 | 43.2 | 0.171 |
| Opthalmoscopy | 50 | 39.4 | 42 | 46.7 | 8 | 21.6 | 0.010 \* |
| Echinocandin treatment | 87 | 68.5 | 60 | 66.7 | 27 | 73.0 | 0.535 |
| Step down to fluconazole depending on susceptibility result | 40 | 31.5 | 35 | 38.9 | 5 | 13.5 | 0.006 \* |
| Treatment for 14 days after first negative follow-up culture | 92 | 72.4 | 72 | 80.0 | 20 | 54.1 | 0.004 \* |
| CVC removal, ≤ 24 hours from diagnosis | 48 | 37.8 | 35 | 38.9 | 13 | 35.1 | 0.841 |
| CVC removal, > 24 < 72 hours from diagnosis | 18 | 14.2 | 9 | 10.0 | 9 | 24.3 | 0.049 \* |
| CVC removal, > 72 hours from diagnosis | 4 | 3.1 | 3 | 3.3 | 1 | 2.7 | 1.000 |
| Follow-up blood culture (at least one per day until negative) | 99 | 78.0 | 71 | 78.9 | 28 | 75.7 | 0.814 |

\*, difference statistically significant; CVC, central venous catheter; mL, millilitre; spp., species. Days are given as median (interquartile range) and [absolute range].

**Supplementary table 2. Species distribution and antifungal treatment in cases with candidemia, stratified by pathogenic species.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***Candida***  ***albicans*** | | | | **P**  **value** | ***Candida***  ***glabrata*** | | | | **P**  **value** | ***Candida***  ***parapsilosis*** | | | | **P**  **value** | ***Candidatropicalis*** | | | | **P**  **value** |
|  | **Survival** | | **Non**  **survival** | | **Survival** | | **Non**  **survival** | | **Survival** | | **Non**  **survival** | | **Survival** | | **Non**  **survival** | |
|  | n | % | n | % | n | % | n | % |  | n | % | n | % |  | n | % | n | % |  |
| **Overall strategies** |  |  |  |  | 0.133 |  |  |  |  | 0.292 |  |  |  |  | 1.000 |  |  |  |  | 1.000 |
| Antifungal therapy | 21 | 75.0 | 7 | 28.0 | 11 | 73.3 | 4 | 16.0 | 8 | 57.1 | 6 | 24.0 | 1 | 25.0 | 3 | 12.0 |
| Antifungal therapy + CVC removal | 29 | 69.0 | 13 | 52.0 | 10 | 55.6 | 8 | 32.0 | 7 | 58.3 | 5 | 20.0 | 2 | 33.3 | 4 | 16.0 |
| CVC removal | 0 | 0.0 | 2 | 8.0 | 1 | 100.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| No treatment | 3 | 50.0 | 3 | 12.0 | 1 | 25.0 | 3 | 12.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 4.0 |
| **Antifungal treatment days** | 18 (14-24)  [1-107] | | 7 (3-13)  [1-54] | | <0.001 | 16 (14-27)  [11-65] | | 14.5 (7-20)  [4-81] | | 0.185 | 18 (14-21)  [2-44] | | 11 (7-21)  [3-30] | | 0.207 | 14 (14-21)  [14-21] | | 13 (1-20)  [1-41] | | 0.383 |
| **Administered antifungals** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amphotericin B | 1 | 33.3 | 2 | 8.0 | 0.239 | 3 | 60.0 | 2 | 8.0 | 1.000 | 3 | 60.0 | 2 | 8.0 | 1.000 | 1 | 100.0 | 0 | 0.0 | 0.273 |
| *Amphotericin B liposomal* | 1 | 33.3 | 2 | 8.0 | 0.239 | 3 | 60.0 | 2 | 8.0 | 1.000 | 3 | 60.0 | 2 | 8.0 | 1.000 | 1 | 100.0 | 0 | 0.0 | 0.273 |
| Echinocandins | 35 | 71.4 | 14 | 56.0 | 0.456 | 19 | 61.3 | 12 | 48.0 | 1.000 | 10 | 58.8 | 7 | 28.0 | 1.000 | 2 | 33.3 | 4 | 16.0 | 1.000 |
| *Anidulafungin* | 8 | 61.5 | 5 | 20.0 | 0.746 | 10 | 58.8 | 7 | 28.0 | 1.000 | 5 | 62.5 | 3 | 12.0 | 1.000 | 0 | 0.0 | 1 | 4.0 | 1.000 |
| *Caspofungin* | 27 | 75.0 | 9 | 36.0 | 0.235 | 11 | 73.3 | 4 | 16.0 | 0.310 | 5 | 55.6 | 4 | 16.0 | 1.000 | 2 | 40.0 | 3 | 12.0 | 0.545 |
| *Micafungin* | 1 | 33.3 | 2 | 8.0 | 0.256 | 0 | 0.0 | 2 | 8.0 | 0.158 | 0 | 0.0 | 1 | 4.0 | 0.391 | 0 | 0.0 | 0 | 0.0 | - |
| Triazoles | 35 | 81.4 | 8 | 32.0 | 0.007 | 9 | 64.3 | 5 | 20.0 | 1.000 | 8 | 66.7 | 4 | 16.0 | 0.453 | 3 | 42.9 | 4 | 16.0 | 0.212 |
| *Fluconazole* | 35 | 81.4 | 8 | 32.0 | 0.007 | 9 | 69.2 | 4 | 16.0 | 0.501 | 7 | 63.6 | 4 | 16.0 | 0.701 | 2 | 33.3 | 4 | 16.0 | 1.000 |
| *Posaconazole* | 0 | 0.0 | 0 | 0.0 | - | 0 | 0.0 | 0 | 0.0 | - | 1 | 100.0 | 0 | 0.0 | 1.000 | 0 | 0.0 | 0 | 0.0 | - |
| *Voriconazole* | 0 | 0.0 | 1 | 4.0 | 0.321 | 0 | 0.0 | 2 | 8.0 | 0.149 | 1 | 100.0 | 0 | 0.0 | 1.000 | 1 | 100.0 | 0 | 0.0 | 0.273 |
| Flucytosine | 0 | 0.0 | 0 | 0.0 | - | 0 | 0.0 | 0 | 0.0 | - | 1 | 100.0 | 0 | 0.0 | 1.000 | 0 | 0.0 | 0 | 0.0 | - |

CVC, central venous catheter; spp., species