**Supplementary Appendix:**

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| --- | --- | --- | --- | --- | --- |
| **Table S1: Resistance Pattern among Candidemia Patients with available Susceptibility Data by *Candida* isolates** | | | | | |
| ***Candida* isolates with available susceptibility data** | **Resistant to Fluconazole** | **Resistant to Voriconazole** | **Resistant to Anidulafungin** | **Resistant to Caspofungin** | **Resistant to at least one antifungal** |
| ***C. glabrata (n=43)*** | 3 | 0 | 0 | 0 | 3 (6.9%) |
| ***C. parapsilosis (n=30)*** | 10 | 2 | 1 | 1 | 14 (46.7%) |
| ***C. albicans (n=26)*** | 4 | 4 | 0 | 0 | 8 (30.7%) |
| ***C. tropicalis (n=15)*** | 1 | 1 | 2 | 1 | 5 (33.3%) |
| ***C. krusei (n=5)*** | 5 | 0 | 0 | 0 | 5 (100%) |
| ***Others (n=3)*** | 0 | 0 | 0 | 0 | - |
| ***Total isolates (n =122)*** | 23 (18.8%) | 7 (5.7%) | 3 (2.4%) | 2 (1.6%) | 35 (28.8%) |

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| **Table S2: Resistance Pattern among Candidemia Patients with available Susceptibility Data by Antifungal group** | | | |
| ***Candida* isolates with available susceptibility data** | **Resistant to Azoles\*** | **Resistant to Echinocandins\*\*** | **Resistant to at least one antifungal** |
| ***C. glabrata (n=43)*** | 3 | 0 |  |
| ***C. parapsilosis (n=30)*** | 10 | 1 |  |
| ***C. albicans (n=26)*** | 4 | 0 |  |
| ***C. tropicalis (n=15)*** | 1 | 2 |  |
| ***C. krusei (n=5)*** | 5 | 0 |  |
| ***Others (n=3)*** | 0 | 0 |  |
| ***Total isolates (n =122)*** | 23 (18.8%) | 3 (2.4%) | 26 (21.3%) |
| \* patients who were resistant to voriconazole and fluconazole were calculated once as azole resistance  \*\* patients who were resistant to capsofungin and anidulafungin were calculated once as echinocandins resistance | | | |

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| **Table S3: Multivariate Regression analysis for the statistically significant risk factors affecting mortality in patients with antifungal resistance candidemia** | | |
|  | **OR (95% CI)** | **P value** |
| **Age** | 0.97 (0.95\_0.99) | 0.016 |
| **Not Resistant** | 0.94 (0.39\_2.26) | 0.89 |
| **Liver Cirrhosis** | 5.36 (1.14\_25.1) | 0.02 |
| **Non-hematological Malignancy** | 2.3 (1.01\_5.25) | 0.049 |
| **Blood and Platelet Transfusion** | 4.4 (1.98\_9.7) | 0.002 |
| **Central line** | 4.37 (1.79\_10.66) | 0.001 |
| **Invasive Ventilation** | 3.88 (1.82\_8.29) | 0.0005 |
| Odd ratio (**OR**) | | |