

Additional file 1. Baseline microbiological therapy in patients with isolated pulmonary *Candida spp.* colonization (cohort 1).

| | Antifungal therapy (n=102) | No antifungal therapy (n=220) | p-value |
|--------------------------------|-------------------------------|----------------------------------|--------------|
| Antifungal drugs, n (%) | | | |
| Echinocandins | 16 (15.7%) | | |
| Fluconazole | 19 (18.6%) | | |
| Others ¹ | 4 (3.9%) | | |
| Combined ² | 1 (1%) | | |
| None | 63 (61.8%) | | |
| | | | |
| Antibiotics, n (%) | | | |
| Aminoglycosides | 2 (2%) | 8 (3.6%) | 0.113 |
| Penicillin | 21 (20.6%) | 55 (25%) | 0.402 |
| Cephalosporins | 25 (24.5%) | 39 (17.7%) | 0.177 |
| Quinolones | 31 (30.4%) | 38 (17.3%) | 0.009 |
| Macrolides | 1 (1%) | 9 (4.1%) | 0.179 |
| Carbapenems | 37 (36.3%) | 64 (29.1%) | 0.2 |
| Glycopeptides | 46 (45.1%) | 58 (26.4%) | 0.001 |
| Linezolid | 9 (8.8%) | 6 (2.7%) | 0.022 |
| Daptomycin | 1 (1%) | 1 (0.5%) | 0.534 |
| Others ³ | 16 (15.7%) | 19 (8.6%) | 0.082 |

¹ Amphotericin B, Voriconazole.

² at least two different antifungal drugs.

³ Chloramphenicol, Cotrimoxazole, Doxycycline, Fosfomycin, Fusidic acid, Metronidazole, Quinupristin/Dalfopristin, Rifampicin, Tigecycline, Trimethoprim/Sulfamethoxazole.