VCUHS ANTIFUNGAL SUSCEPTIBILITY TABLES JANUARY – DECEMBER 2023 Department of Pathology - Microbiology/Immunology

Table 1. Activity of selected antifungals against yeast

| Percentage (%) of Organisms Susceptible | | | | |
|---|------------------|------------|--------------------------|--------------|
| Organism | Number Tested | Micafungin | Fluconazole ^b | Voriconazole |
| Candida albicans | 65 | 100 | 92 | 92 |
| Candida glabrata | 48 | 95 | 81 | _ a |
| Candida parapsilosis | 56° | 100 | 98 | 98 |
| Candida auris ^d | 30° | 76 | 0 | |

^a Current data are insufficient to demonstrate a correlation between in vitro susceptibility testing and clinical outcomes per CLSI M100 guidelines.

Data collected by the Clinical Microbiology Laboratory, Department of Pathology CLSI M100-ed33 and M27M44-ed3 Interpretation breakpoints were applied unless otherwise stated.

^b Fluconazole results include Susceptible Dose Dependent (SDD) isolates.

^c Data included from January 2022 until December 2023 due to data with fewer than 30 isolates being considered statistically unreliable.

^d There are currently no established C. auris-specific susceptibility breakpoints. The interpretations given should be considered as a general guide and not as definitive breakpoints for resistance. These CDC tentative breakpoints are defined based on those established for closely related Candida species and on expert opinion.