

**2023 LABORATORY TESTING PRACTICES FOR CANDIDEMIA QUESTIONNAIRE**

1) What kind of laboratory is this? (select one)

- Hospital laboratory  Other (specify) \_\_\_\_\_  
 Commercial laboratory (Quest, etc.)  Unknown

2) Does this laboratory ever receive blood cultures from nursing homes or other long term care facilities?

- Yes  No  Unknown

3) Does the clinical microbiology laboratory at your institution have a separate Mycology section or laboratory?

- Yes  No  Unknown

4) What kind of blood culture system does your laboratory use? (check all that apply)

- BacT/Alert  Bactec FX  
 BacT/Alert 3D  Isolator tubes  
 VersaTREK  Other (specify) \_\_\_\_\_  
 Bactec 9240

5) What is the approximate volume of fungal cultures ordered and performed annually in your laboratory for any specimen type?Specify number: \_\_\_\_\_  Unknown6) What is the approximate volume of fungal blood cultures ordered and performed annually in your laboratory?Specify number: \_\_\_\_\_  Unknown**YEAST IDENTIFICATION**7) Does this laboratory offer yeast identification (either onsite or sent to another laboratory)?

- Yes  
 No (----- **If No, SKIP TO QUESTION 18** -----)  
 Unknown (is there another laboratory staff member who can assist with the questionnaire?)

8) Where is yeast identification done? (check the most applicable)

- On-site, in the laboratory  
 Sent to commercial lab  
 Sent to affiliated hospital lab  
 Sent to other local/regional, non-affiliated reference or public health laboratory  
 Other \_\_\_\_\_  
 Unknown

**Answer the following questions for the lab selected in question 8.**

9) How does this lab identify yeast? (check all that apply)

- MALDI-TOF Bruker (Biotyper)  BD Phoenix  
 MALDI-TOF bioMerieux (VITEK MS)  MicroScan  
 VITEK 2  RapID Plus  
 API 20C  Other (specify) \_\_\_\_\_  
 DNA sequencing  Unknown  
 PNA-FISH  
 BactiCard Candida

10) Does this laboratory routinely use chromogenic agar for the identification or differentiation of *Candida* isolates?

- Yes  No  Unknown

11) Species-level identification is performed for *Candida* spp. isolated from which of the following?

a. Blood isolates



- Yes  
 No (----- ***If No, QUESTIONNAIRE COMPLETE*** -----)  
 Unknown (*is there another laboratory staff member who can assist with the questionnaire?*)

**19) Where is antifungal susceptibility testing (AFST) done? (check the most applicable)**

- On-site, in the laboratory (go to Q20)  
 Sent to commercial lab (----- ***If not an on-site laboratory, QUESTIONNAIRE COMPLETE*** -----)  
 Sent to affiliated hospital lab  
 Sent to other local/regional, non-affiliated reference or public health laboratory  
 Other \_\_\_\_\_  
 Unknown

**Answer the following questions for the lab selected in question 19.**

**20) Is antifungal susceptibility testing available for any of the following antifungal drugs (check all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Fluconazole   | <input type="checkbox"/> Caspofungin           |
| <input type="checkbox"/> Voriconazole  | <input type="checkbox"/> Amphotericin B        |
| <input type="checkbox"/> Itraconazole  | <input type="checkbox"/> Flucytosine           |
| <input type="checkbox"/> Posaconazole  | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Micafungin    | <input type="checkbox"/> Unknown               |
| <input type="checkbox"/> Anidulafungin |  |

**21) What methods are used for AFST, excluding Amphotericin B? (check all that apply)**

- |  |  |
|--|--|
| <input type="checkbox"/> Broth microdilution <u>with</u> laboratory developed plates           | <input type="checkbox"/> Vitek ( <u>bioMerieux</u> ) |
| <input type="checkbox"/> YeastOne (Thermo Scientific™ Sensititre™) Gradient diffusion (E test) | <input type="checkbox"/> Other _____                 |
|  | <input type="checkbox"/> Unknown                     |

**22) What methods are used for AFST of Amphotericin B? (check all that apply)**

- |   |   |
|---|---|
| <input type="checkbox"/> Broth microdilution with laboratory developed plates | <input type="checkbox"/> Vitek (bioMerieux) |
| <input type="checkbox"/> YeastOne (Thermo Scientific™ Sensititre™)            | <input type="checkbox"/> Other _____        |
| <input type="checkbox"/> Gradient diffusion (E test)                          | <input type="checkbox"/> Unknown            |

**23) How does this laboratory meet proficiency testing requirements for antifungal susceptibility testing, if performed?**

- Commercial provider (specify) \_\_\_\_\_  
 Internal alternate assessments (specify) \_\_\_\_\_

**24) How are results of AFST reported when breakpoints are available? (select one)**

- |   |  |
|---|--|
| <input type="checkbox"/> Categorical interpretation only (susceptible, resistant, etc.) | <input type="checkbox"/> Both--categorical interpretation PLUS MIC |
| <input type="checkbox"/> MIC only   | <input type="checkbox"/> Unknown                                   |

**25) How are results of AFST reported when breakpoints aren't available? (select one)**

- MIC only       Epidemiological cutoff values (ECVs)       Unknown

26) For what type of *Candida* isolates is antifungal susceptibility testing (AFST) performed automatically? (check all that apply)

- Blood isolates
- Other normally sterile body site isolates
- Other (specify) \_\_\_\_\_
- No AFST performed automatically (requires order from a clinician)
- Unknown

27) When is AFST performed for the following *Candida* spp.?

a. ***C. albicans***

- Performed automatically (Go to 27ai)
- Performed with a clinician's order (Go to 27ai)
- Not performed

i. **Drugs for which AFST is performed on *C. albicans* (check all that apply):**

- Micafungin
- Anidulafungin
- Caspofungin
- Fluconazole
- Voriconazole
- Amphotericin B
- Other
- Unknown

b. ***C. glabrata***

- Performed automatically (Go to 27bi)
- Performed with a clinician's order (Go to 27bi)
- Not performed

i. **Drugs for which AFST is performed on *C. glabrata* (check all that apply):**

- Micafungin
- Anidulafungin
- Caspofungin
- Fluconazole
- Voriconazole
- Amphotericin B
- Other
- Unknown

c. ***C. parapsilosis***

- Performed automatically (Go to 27ci)
- Performed with a clinician's order (Go to 27ci)
- Not performed

i. **Drugs for which AFST is performed on *C. parapsilosis* (check all that apply):**

- Micafungin
- Anidulafungin
- Caspofungin
- Fluconazole
- Voriconazole
- Amphotericin B
- Other
- Unknown

d. **Other *Candida* spp.**

- Performed automatically (Go to 27di)
- Performed with a clinician's order (Go to 27di)
- Not performed

i. **Drugs for which AFST is performed on other *Candida* spp. (check all that apply):**

- Micafungin
- Anidulafungin
- Caspofungin
- Fluconazole
- Voriconazole
- Amphotericin B
- Other
- Unknown

28) Is this laboratory tracking susceptibility trends for *Candida* spp. isolates tested in your lab?

- Yes
- No
- Unknown

----- END OF QUESTIONNAIRE -----