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**SURVEY QUESTIONNAIRE :**

**Return date: 06 May 2022**

**LABORATORY CODE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SAMPLE**  | **CLINICAL SCENARIO** | **CHALLENGE** | **ANSWER**  | **ALLOCATED MARK** |
| **F01-22E**(slide) Urine | Pregnant woman admitted for observation | Were yeasts observed microscopically? Stain the provided slide.  | Yes **[ ]** No **[ ]**  | 0 or 4 |
| **F01-22F**(suspended culture)Burn wound tissue | Child with hot water burns | What is the identification\* of the organism? Provide genus and/or species name.  | Only one answer code | 0 or 1 or 3 or 4 |
| What method was used to identify the organism? | Any number of answer codes | Ungraded |

**GUIDE TO LEVEL OF IDENTIFICATION OF YEASTS\*:** Yeasts that are cultured from blood or normally-sterile sites should be identified to species level, if possible. If your laboratory cannot perform identification procedures beyond a germ-tube test, these isolates should be referred for identification to a reference laboratory.

Please return the completed survey questionnaire before the return deadline to **fax**: +27 (0) 86 246 8373 or **email**: mycopts@nhls.ac.za.

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**SURVEY QUESTIONNAIRE :**

**Return date: 06 May 2022**

**LABORATORY CODE:**

**Only for laboratories that routinely perform antifungal susceptibility testing:**

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| --- | --- | --- | --- | --- |
| **SAMPLE**  | **CLINICAL SCENARIO** | **CHALLENGE** | **ANSWER**  | **ALLOCATED MARK** |
| **F01-22H** (suspended culture) Blood | Trauma patient admitted for >1 month | What is the identification of the organism? Provide genus AND species name.  | Only one answer code | 0 or 4 |
| What method was used for antifungal susceptibility testing? | Write answer here  | Ungraded |
| Fluconazole | S: [ ]  SDD: [ ]  R: [ ]  NT: [ ]  NA: [ ]  | 0 or 1 or 3 or 4 |
| Voriconazole | S: [ ]  SDD: [ ]  R: [ ]  NT: [ ]  NA: [ ]  | 0 or 1 or 3 or 4 |
| Anidulafungin  | S: [ ]  I: [ ]  R: [ ]  NT: [ ]  NA: [ ]  | 0 or 1 or 3 or 4 |
| Micafungin | S: [ ]  I: [ ]  R: [ ]  NT: [ ]  NA: [ ]  | 0 or 1 or 3 or 4 |

S: susceptible; I: intermediate; R: resistant; SDD: susceptible dose-dependent; NT: not tested; NA: not applicable, e.g. no breakpoints for this organism-agent combination

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**ANSWER CODES**

 **F01-22**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Identity of fungus**  |  |  |
| 01 | *Candida* species*,* not otherwise specified | 21 | *Rhodotorula mucilaginosa* |
| 02 | *Candida* species*,* not *Candida albicans* | 22 | *Saccharomyces* species |
| 03 | Candida albicans | 23 | *Saccharomyces cerevisiae*  |
| 41 | Candida auris | 43 | *Trichosporon* species |
| 04 | *Candida dubliniensis* | 24 | Yeast cultured, not otherwise specified |
| 05 | *Debaryomyces hansenii* (formerly *Candida famata*)  | 25 | Yeast cultured, sent to reference laboratory for identification |
| 06 | *Nakaseomyces glabrata* (formerly *Candida glabrata*) | 26 | *Candida* species*,* not *Candida albicans*, sent to reference laboratory for identification |
| 07 | *Meyerozyma guilliermondii* (formerly *Candida guilliermondii*) |  | **Identification method** |
| 08 | Kluyveromyces marxianus (formerly Candida kefyr) | 27 | Niger seed agar – brown colonies |
| 09 | *Pichia kudriavzevii* (formerly *Candida krusei*) | 28 | Colony colour and morphology on Sabouraud agar |
| 10 | *Clavispora lusitaniae* (formerly *Candida lusitaniae*) | 29 | Chromogenic agar |
| 11 | *Candida parapsilosis* | 30 | Germ tube test positive  |
| 12 | *Candida tropicalis* | 31 | Germ tube test negative |
| 13 | *Cryptococcus* species*,* not otherwise specified | 32 | Urease positive |
| 14 | *Naganishia albida* (formerly *Cryptococcus albidus*) | 33 | API 20C  |
| 15 | *Papiliotrema laurentii* (formerly *Cryptococcus laurentii*) | 34 | API ID 32C |
| 16 | *Cryptococcus neoformans* species-complex | 35 | MicroScan |
| 17 | *Cryptococcus* species,not *Cryptococcus neoformans* species-complex | 36 | Vitek-2 |
| 18 | *Geotrichum* species | 37 | Auxacolor  |
| 19 | *Malasezzia* species | 38 | Molecular method (PCR, probe, sequencing) |
| 42 | *Moesziomyces* species (formerly *Pseudozyma* species) | 39 | Other commercial test system, not otherwise specified  |
| 20 | *Rhodotorula species,* not otherwise specified | 40 | MALDI-TOF mass spectrometry  |