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Section: Mycology Bench Manual	Subject Title: Reporting	
Issued by: LABORATORY MANAGER	Original Date: March 22, 2001	
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REPORTING

1. FUNGAL STAIN:

Negative Reports: "No Fungal elements seen".

NB: In LIS, status these reports as final. No verification required.

Positive Reports: as per keypad options:

- Yeast seen (with quantitation)
- Yeast with pseudohyphae seen (with quantitation)
- Filamentous fungus seen (without quantitation); with morphologic description of organisms/structures seen (e.g. septate hyphae). Define structures.

If unable to interpret fungal elements, consult Senior Mycology Technologist.

NB: In LIS, status these reports as final. Positive smears with rare and unusual structures (fungal elements) must be checked by Senior Mycology Technologist.

2. CULTURE:

Negative Reports: "No Fungus isolated".

NB: In LIS, status these reports as final. No verification required.

Positive Reports:

- When reporting a fungus culture result, DO NOT quantitate filamentous fungi.
- If fungus has already been identified and **reported under bacteriology result**, then enter one of the following phrases as appropriate in the **Test Comment Field**:
 - a) "Please see Culture and Sensitivity report for fungus isolate(s)". (Use this phrase when no additional fungi are isolated on the fungal media).
 - b) "Please see Culture and Sensitivity report for additional fungus isolate(s)". (Use this phrase when additional fungi are isolated on the fungal media)

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Add the appropriate phrases:

- a) "(Organism name)"
- b) "(Organism name); normally non-pathogenic".
- c) "(Organism name or description); cannot rule out contamination".
- d) "Non-sporulating fungus, normally non-pathogenic".
- e) "Filamentous fungus; further identification to follow".
- f) "(Organism name); Confirmation to follow".

NB: In the LIS, status the report as interim (^L).

- For organisms **isolated in fungal media only:**

Yeast:

All sites except sterile sites and BAL, report yeast with quantitation

For sputum,

Significant growth: *Candida albicans*

"Organism name"

Cryptococcus neoformans

Insignificant growth: "Yeast isolate; normally commensal flora"

Filamentous Fungi:

If the filamentous fungus is deemed to be **significant**, and when the work-up and identification of the isolate is complete, use one of the following phrases as appropriate:

- a) "(Organism name)"
- b) "(Organism name); normally non-pathogenic".
- c) "(Organism name or description); cannot rule out contamination".
- d) "Non-sporulating fungus, normally non-pathogenic".
- e) "Filamentous fungus; further identification to follow".
- f) "(Organism name); Confirmation to follow".

NB: In LIS, status the report as interim (if further incubation required) **or** final (if no further incubation required).

If the filamentous fungus is deemed to be **insignificant**:

"(Organism name); likely not significant".

- When a fungus isolate has been forwarded to the Public Health Laboratory (or other reference laboratory) for further identification or confirmation, use one of the following phrases as appropriate:

- a) "Filamentous fungus; further identification to follow".
- b) "(Organism name); Confirmation to follow".

NB: In LIS, status the report as interim (^L).

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- When reporting a fungus culture result, please note the following:

When the Public Health Laboratory (PHL) report becomes available, proceed as follows:

- i) Replace the isolate name or description in the **Isolate Field** with the PHL result.
 - ii) In the **Isolate Comment Field**, remove the statement "Further identification to follow" or "Confirmation to follow" and enter the following phrase (from the keypad) and add the PHL report number: "Public Health Laboratory Report No._____".
 - iii) Status the report as final (^F).
- ***Nocardia***
 - a) "*Nocardia* species; further identification to follow".
 - b) "Branching Gram positive bacilli; further identification to follow".
 - c) "Mycobacterium species isolated."
 - d) Forward isolates to the Public Health Laboratory (PHL) for further identification.