

TML\MSH Microbiology Department Policy & Procedure Manual	Policy # MIMYC\10\04\v01	Page 1 of 1
Section: Mycology Bench Manual	Subject Title: Appendix IV - Fluorescent Microscope (Instructions)	
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APPENDIX IV

FLUORESCENT MICROSCOPE (INSTRUCTIONS)

1. Record date and time in UV Record Book when turning on the fluorescent microscope.

Note: If UV light is recently turned off, WAIT FOR ONE HOUR before turning it on again.
2. Switch on the microscope
3. Allow the microscope to warm up for 5 minutes.
4. Turn filter setting to 2 (G filter) (Leitz Ortholux Microscope) -- (right side of Grey structure above objectives. Use filter #3 for bright-field microscopy).
5. Pull out the small black ring (rod) on the left side above the revolving nose piece to let UV light pass through the objective; push it in to prevent the slide from fading when not examining the preparation.
6. When finished, turn off the "ON" button.
7. Enter the time and calculate the total time used in the UV Record Book.
8. Fluorescent bulbs are good for a maximum of 200 hours. Notify the senior technologist that the bulb should be changed when the maximum time has been reached.