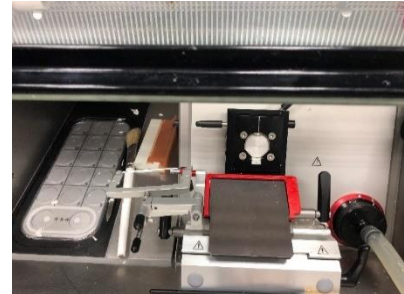




## Safety Operating Procedures (SOPs) Microtome

A designated training from a qualified person is mandatory before operating a microtome.



### Preparation:

1. Put on a long-sleeved lab coat, safety goggles and gloves.
2. Ensure the microtome is properly maintained (debris are brushed and removed, and microtome is clean).
3. Ensure that block holder is tight.
4. Ensure that the blade holder is locked into position.

### Before placing a sample in the machine make sure:

5. The wheel is locked.
6. The blade is covered by the protective shield.

### Before operating the microtome:

7. Ensure the blade is sharp and not damaged.
8. Ensure correct posture whilst seated at the microtome table.
9. Cut only a properly prepared material.

### While working with the microtome:

10. Ensure that the blade guard is in place.
11. Never leave uncovered blades on countertops.
12. Use forceps and a brush to transfer slices and for cleaning residues.

### Completion:

13. When finished, ensure that the wheel is locked.
14. Ensure that the blade guard is in place.
15. Dispose of the blade in a proper disposal container designated for sharps.

**The blade should be used only inside the microtome and only for the purpose and function it is designed for**

**DON'T ENDANGER YOURSELF OR OTHERS**

**In case of emergency dial 077 8872222 / 5222**



## Equipment-Specific training should include the following topics:

1. Blade hazards and injury prevention
2. Proper placement, use, removal, cleaning and disposal of the blades
3. Appropriate personal protective equipment
4. Ergonomics
5. Incident/injury response and reporting
6. Other potential hazards associated with the material being handled.

