

DIRECTIONS

FOR SAFETY WHEN WORKING IN A LABORATORY

WHEN WORKING IN A STUDENT LABORATORY IT IS NECESSARY TO KEEP THE FOLLOWING INFORMATION IN MIND:

1. The work in a student laboratory often includes work with acids and bases, it is therefore possible to pour oneself with these substances resulting in skin burns or damaged clothes. Students are obliged to wear a white laboratory coat. Before disposing of acids and bases it is necessary to dilute them with water first.
2. For pipetting of solutions automatic pipettes and dosers are used. When using organic solvents it is needed to ventilate the laboratory.
3. The work in a student laboratory often includes work with biologic material (serum, urine, etc.) Serum and urine samples are in most cases artificial. When working with a real human serum and urine, it is necessary to strictly follow safety directions.
4. Heating up solutions in glass test tubes could lead to breaking glass and burns of cuts.
5. Follow the safety rules when working with electric appliances and do not manipulate with them unnecessarily.
6. Keep your working space clean and tidy. Unclean and untidy working space often leads to breaking glass equipment, staining of books and damage to personal belongings.
7. It is forbidden to smoke, eat and drink in the laboratory.

FIRST AID ADMINISTRATION:

1. Skin burns caused by acids is treated with clean water and 1% solution of Na_2CO_3 .
2. Skin burns caused by bases is treated with clean water and 2 % citric acid.
3. Skin burns caused by fire is treated with burn ointment.
4. All needed first aid necessities are stored in a box in each student laboratory.
5. Every injury has to be reported to the assistant.