



# College of science

## Department of

## Medical Physics



خطر مواد كيميائية  
آكلة



خطر الانفجار



خطر قابل للاشتعال



يجب ارتداء نظارات السلامة



خطر مواد آكلة



خطر كهرباء



خطر مواد سامة



ممنوع التدخين



يجب ارتداء معطف السلامة



يجب ارتداء قفازات السلامة



يجب ارتداء الكمامات



مخاطر بايولوجية



خطر اشعاع مؤين



مخرج طوارى



يجب ارتداء قناع السلامة



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## Department of Medical Physics



### Lab Safety Rules

Science labs offer great opportunities for learning, teaching, and research. They also pose hazards that require proper safety precautions.

**Proper supervision**  
Don't perform lab experiments without instruction or supervision. If you are given permission to do so:

- Wear long, comfortable clothing, gloves, goggles, and other personal protective equipment.
- Know location of safety equipment and phone numbers. If you can't access them quickly, dial 911.
- Be attentive while in the lab. Don't eat, drink, or smoke in the lab. Don't use or store any dangerous materials in the lab.
- Be careful when handling hot glassware.
- No Food
- ID Hazards
- Be Attentive
- Keep a clean workspace
- Handle glassware carefully
- Clean up
- Stay safe when conducting your labs by following these guidelines.

### 5 steps SAFE TO USE CHEMICALS

- KNOW WHERE THE HEALTH MANUALS ARE STORED**
- STORE CHEMICALS IN SAFE STORAGE**
- STORE CHEMICALS WHEN NOT IN USE**
- STORE CHEMICALS IN ORIGINAL CONTAINER**
- DISPOSE OF CHEMICALS IN RIGHT WAY (ENVIRONMENTALLY FRIENDLY)**

### Fire Action

- Raise the alarm
- Call the Fire Brigade by dialling \_\_\_\_\_
- Leave the building by the nearest available exit
- Report to assembly point
- Do not return to the building until authorised to do so
- Do not use lifts

### Clean & Safe At Work Checklist :

**Wear Your Head Cap** **Wear Your Goggle**

**Wear Your Coat** **Wear Your Mouth Mask**

**Wear Your Gloves** **Wear Non-Slip Shoes**

**Ready? Now You Can Start Working**

### 7 STEPS TO SAFETY

During your stay at UPMO, we want to give you the best care possible. You and your loved ones can help us make sure that you stay safe and recover quickly by following these simple safety steps.

- WASH YOUR HANDS**
- TAKE YOUR MEDICINE**
- PROTECT YOUR SKIN**
- BE CAREFUL SO YOU DON'T FALL**
- SPEAK UP IF YOU'RE IN PAIN**
- GET MOVING**
- DON'T SMOKE**

**UPMC** University of Pennsylvania Medical Center

### LAB SAFETY PROTOCOLS

**Proper Supervision**  
Don't perform lab experiments without instruction supervision.

**Use Protective Gear**

- Safety Goggles
- Lab Coat
- Gloves
- Long Pants
- Closed Shoes

**ID Hazards**  
Always read labels before using any chemicals.

**Safety First**  
Known location of safety equipment and emergency numbers.

**No Food**  
Don't eat or drink in the lab and never taste chemicals.

**Be Attentive**  
Always pay attention and listen to your teacher. Don't leave the lab. Don't leave an experiment in progress.

**Clean Up**  
After experiments are finished, carefully clean your work area and equipment. Don't forget to wash your hands.

**Handle Glassware Carefully**  
Proper disposal of anything that breaks.

### LAB SAFETY REMINDERS

- Always pay attention and listen to your teacher.
- Use safety goggles and gloves during experiments.
- Wear proper attire like lab coat and closed shoes.
- Don't do any experiments without your teacher present.
- Handle lab apparatus with care.
- Don't eat, drink, or chew gum in the laboratory.
- Don't leave an experiment in progress.
- Don't leave the lab. Don't leave an experiment in progress.
- Let's make our laboratory a safe and fun place for learning!

### Lab Safety

It is our joint responsibility to keep the lab clean and safe!

- Authorized personnel only in the laboratory
- Lab coats must be worn
- Scratch-free wear must be worn - no open shoes
- All accidents and dangerous events must be reported and recorded
- No smoking, of any kind
- Do not store or consume food or drink in the lab
- All work must be carried out in accordance with risk assessment
- Dispose of waste properly, in line with policy
- Keep the lab tidy, and emergency routes accessible

**safepoint** Scan to find out more about this topic and download a copy