

Exposure Response for Biological, Chemical or Laser Exposures



Call **911** from a KAUST landline or **012-808-0911** from a mobile phone for any life-threatening emergency

1. PERFORM FIRST AID



Needlestick, puncture or sharps injury, or animal bite/scratch

Wash the exposed area immediately with soap and water and allow the area to bleed freely.

Eye exposure

Use emergency station to flush eyes for 15 minutes while holding eyes open.

Skin exposure

- Chemical: Wash with warm water for 15 minutes.
- Hydrofluoric acid: Wash for 5 minutes, then apply calcium gluconate gel to skin.
- Biological: Wash with soap and water for 15 minutes.

Inhalation or ingestion

- Move out of the contaminated area and seek fresh air.
- Do not induce vomiting unless instructed to do so by medical staff.

2. GET MEDICAL HELP



For all exposures:

- Call 911 from a landline or 012-808-0911 from a mobile phone and indicate the location of the incident and if an ambulance is needed.
- Immediately contact the PI/supervisor and Lab Safety Representative.
- Secure the area before leaving.

For laser exposure or emergency:

- KAUST Health Emergency Room will follow the established procedure for laser eye/skin injury. The injured person may be sent to see an ophthalmologist in Jeddah partner hospital within the first 24 hours.

For chemical exposure or emergency:

- Provide the chemical name, concentration, time since exposure and Safety Data Sheet (SDS).

For biological exposure or emergency:

- Provide the biological agent name, Pathogen Reference Sheet, Certificate of Analysis and/or Post-Exposure Plan, if available.

3. REPORT THE INCIDENT



Notify HSE on-call immediately after performing first aid and getting medical help
All incidents and near misses: Submit a report via the [SALUTE ReportIt](#).