**Hydrofluoric Acid (HF) Exposure**

First Aid Procedures

These instructions must be included in all HF-Exposure Emergency Response Kits

1. Put gloves on before you assist the exposed lab worker. Wear Best Neoprene Gloves or the 9-mil G29 Solvent gloves located in the HF kit.
2. Assist the exposed individual to an **emergency shower** or other water source and flush the contaminated skin with large amounts of cool running water for at least 5 minutes. The exposed individual should **remove any potentially contaminated clothing, shoes** **and jewelry** while flushing with water.

**EYE EXPOSURES**: **Assist the exposed individual to an emergency eyewash and flush the eyes continuously until medical responders arrive on scene.**

1. While the exposed individual is being rinsed with water, **call for emergency transport**.

**511** from a Penn Campus Phoneor **215-573-333** from a Cell Phone

1. Tell the dispatcher the following:
   1. There is a person that has been exposed to Hydrofluoric Acid and type of exposure (skin or eyes)
   2. Location of exposed individual
   3. Send an officer and ambulance
   4. Ask the dispatcher to notify the HUP Emergency Department that a person with exposure to *hydrofluoric acid* is being transported to the Emergency Department.

**SKIN EXPOSURES:** After flushing with water, **dry the exposed area(s) and apply calcium gluconate gel**. A tube of calcium gluconate gel is located inside the HF exposure kit. **Note the time when the calcium gluconate gel was first applied to the contaminated site. Provide this information to the medical team.**

In order to prevent cross contamination, the victim should **self-apply** the calcium gluconate gel. If the exposed individual is unable to self-apply, anyone present can apply the gel after putting on the Best Neoprene gloves or the gloves found in the HF first aid kit.

1. If any clothing was contaminated or is suspected to be contaminated, have the exposed individual wear the disposable gown provided in the HF kit.
2. The exposed individual must be escorted to the hospital by the medical responders.
3. A copy of the Safety Data Sheet (SDS) and Health Hazard information from the first aid kit must be also taken to the hospital.
4. After the medical response has been requested, **Contact the EHRS office** at 215-898-4453 (24 hours, 7 days/week) to report the incident.
5. **Do not attempt to clean up the spilled HF.** Wait for EHRS assistance.