# Chemical Emergency Scenarios

## Scenario 1

A five-gallon of [insert hazardous chemical] ruptures and spills in an area within your area. The technician in the area attempts to contain the spill by throwing towels over the product. Staff smell the fumes and start to evacuate the area. The spill and subsequent evacuation renders the area non-functional.

## Scenario 2

The Universal Adversary terrorist group executed an attack on the railroad transportation system by planting multiple improvised explosive devices on a train’s tankers as it slows down for a community crossroads. There is an immediate explosion and release of chlorine gas into the air. A light breeze carries the plume toward residential and commercial areas. People in the immediate area are contaminated with chlorine. Emergency warnings are issued for people in the immediate area to shelter-in-place. The chlorine cloud and smoke are expected to impact your facility within ½ hour, and the chlorine may cause facility damage and will require cleanup and decontamination.

## Scenario 3

A terrorist group uses a light aircraft to spray a chemical blister agent at the local college football game. Contamination and injuries from the ensuing panic effect scores of people, killing several and rendering the immediate surrounding area contaminated.

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| Incident Objectives |
| * Implement shelter-in-place. * Protect the facility, staff, patients, and visitors from contamination. * Patient triage and medical management. * Provide decontamination of patients and facility. |

| **Inject** | **Description** |
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| Inject 1 | Several patients are walking in the area [or want to take a walk outside]. |
| Inject 2 | Several staff members call to say they heard about the incident and can’t come to work. |
| Inject 3 | Victims are walking into your area without going through the decontamination. |
| Inject 4 | Media vans have arrived on seen and trying to interview patients. |
| Inject 5 | ER reports they are running out of space in the department. |
| Inject 6 | Decontamination gear is not working properly. |
| Inject 7 | Hospital receptionist is requesting what to communicate to family members when they call about the status of love ones. |
| Inject 8 | A number of staff are showing signs of anxiety and are fearful for the safety of their families. |
| Inject 9 | Patients are requesting to leave facility. |