

Lesson Plan - Integrated Smoke Inhalation

Audience: Fire Fighters, EMT, EMT-P

Time: 1-2 hrs

Goal

Introduce the new integrated smoke inhalation protocol with a focus on increasing awareness and appropriate treatment of HCN poisoning.

Objectives

Providers will...

1. **Recognize** situations where patients or providers are at high risk for CO/Cyanide poisoning.
2. **Acknowledge** that cyanide poisoning is under recognized and undertreated in the pre-hospital setting.
3. **Recognize and Describe** the signs/symptoms of CO poisoning.
4. **Recognize and Describe** the signs/symptoms of Cyanide poisoning.
5. **Understand** the threshold criteria to initiate treatment for Cyanide poisoning.
6. **Understand** the appropriate management of patients who fall within any portion of the smoke inhalation continuum.
7. **Understand** the proper use of the RAD-57 CO monitor.
8. **Understand** the new regional protocol for smoke inhalation.
9. **Recognize** the system distribution of Cyanokit
10. **Understand** the indications, contraindications, side effects, and appropriate use of Cyanokit.

Course Outline

1. PowerPoint presentation
2. Agency-specific additions
3. Practical application (Cyanokit “trainer”, Rad-57 skills station, etc.)

Additional Resources (to be provided to providers)

1. Integrated Smoke Inhalation Protocol (2.39)
2. SpCO Monitoring Policy (9.7)
3. Rehab Policy (9.14)
4. Cyanokit/Rad-57 Quick Reference

Teaching Tip

Wait Time – the amount of time given after a question is asked before an answer is permitted.

Wait time is critical to allow people who think at different speeds to engage their mind in processing the question that was asked. If every question asked gets answered by the fastest thinkers in the room, the majority of learners do not have a chance to think about the question/concept.

While the ideal amount of wait time depends on the cognitive level of the question, a good rule of thumb is leaving at least **5 seconds** between asking the question and allowing an answer. Give it a try, but be prepared, 5 seconds seems like a really long silence!