



Infusion Reactions Mini-Curriculum Learning Objectives

After completing this mini-curriculum, learners should be able to do the following:

1. Describe the basic pathophysiology of infusion reactions, including:
 - a. Four types of hypersensitivity reactions
 - b. Signs and symptoms of mild, moderate, and severe infusion reactions
 - c. Basic management principles for drug hypersensitivity reactions
2. Triage the severity of infusion reactions including recognizing anaphylaxis
3. Appropriately treat infusion reactions based on severity

Recommended mini-curriculum structure:

1. Learners should first watch the 9-minute educational video describing the pathophysiology of acute infusion reactions and basic management (<https://warpwire.duke.edu/w/928DAA/>).
 - a. The PowerPoint used in the video is provided
 - b. The video can be viewed immediately prior to the simulation exercise or independently by participants prior to the simulation exercise.
2. The simulation activity, which can be conducted in two ways:
 - a. Via telephone, which requires no special equipment and only one actor, who can also serve as evaluator. This simulation takes 8-10 minutes. Attached are instructions for the case "actor" and a scoring checklist.
 - b. As a Sim Case in a simulation lab equipped with an interactive manikin. The manikin can be programmed according to the attached document. This exercise takes about 15 minutes. Case instructions and scoring checklist are included.
 - c.
3. Feedback session – about 5 minutes
 - a. Feedback can be guided by the scoring checklist, reviewing parts the learner included and additional topics that could have been addressed.

