

## Medical Case 1: Kenneth Bronson

### Documentation Assignments

1. Document your initial focused respiratory assessment of Kenneth Bronson.  
Initial assessment of the respiratory system showed the patient had a RR of 17, with reduced breath sounds at the right lung base.
2. Document the assessment changes that occurred before and after the anaphylactic reaction.  
Before the reaction: Heart rate was 97, BP was 138/82, RR was 17, O<sub>2</sub> at 95%, and temp at 102F.  
After the reaction: Heart rate was 132, BP was 131/67, RR was 32, O<sub>2</sub> at 91%, and temp still at 102F.
3. Document Kenneth Bronson's new allergy information in his patient record.  
Patient started experiencing symptoms of an anaphylactic reaction after administration of Ceftriaxone. Medication infusion stopped promptly.
4. Identify and document key nursing diagnoses for Kenneth Bronson.  
Ineffective Airway Clearance  
Fatigue and Activity Intolerance  
Risk for Fluid Volume Deficit  
Imbalanced Nutrition  
Knowledge Deficit  
Ineffective Breathing Pattern  
Impaired Gas Exchange  
Decreased Cardiac Output
5. Referring to your feedback log, document the nursing care you provided.  
Hand hygiene, Identified patient, Patient Education, Allergies, Head to toe assessment, Vitals, Pain assessment, IV Access, Administered Ceftriaxone, Monitored patient, allergic reaction S&S, Stopped infusion immediately, Called provider, Administered Epinephrine, and then Diphenhydramine, Administered Bronchodilator and Methylprednisolone, Called provider with updates on anaphylactic treatment, then preformed patient handoff.

### Guided Reflection Questions for Medical Case 1: Kenneth Bronson

#### Opening Questions

How did the scenario make you feel?

I actually found this scenario to be rather insightful and good practice. Most people in emergency situations seem to panic but I felt calm and immediately stopped the infusion of ceftriaxone. I wasn't completely sure if he was having an allergic reaction but I recalled

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from class that if a patient starts to have a sudden change in feeling after starting an infusion, you stop it right away.

### Scenario Analysis Questions\*

**PCC, EBP** What signs and symptoms led you to the conclusion that Kenneth Bronson was experiencing an allergic reaction?

The first thing that made me realize something was going on was Mr. Bronson's claim that he couldn't breathe and that he needed help.

**PCC, EBP** Discuss the differences between mild, moderate, and severe anaphylactic reactions.

Mild could present with a runny nose, cough, or feeling slightly different. Moderate could present with hives, nausea, vomiting, swelling, or tingling of the mouth. Severe could present with difficulty breathing, wheezing, increased heart rate, and losing consciousness.

**EBP/S** Discuss the importance of follow-up assessments post-reaction.

It is very important to follow up with a post-assessment after an anaphylactic reaction. We need to make sure the reaction is under control and not progressing. If we left and didn't check back in with our patient, they could become more ill or even die.

### Concluding Questions

What further needs does Kenneth Bronson have at the end of the scenario that future nursing care should address?

Kenneth needs to have his allergies updated and be educated on his new allergy.

Reflect on how you would communicate with family members in an emergency situation if they were present at the bedside.

I would start by explaining to the family what is going on. I would tell them that Kenneth is having an allergic reaction to the medication and what we are going to do to stop the reaction and ensure his safety.

After completing the simulation and reflecting on your experience, what would you do differently (or the same) for the patient experiencing acute respiratory distress?

I would be sure to attach EKG leads which I forgot to do my first go around. I was so concerned with making sure he got his meds as soon as possible that I forgot about the EKG leads.

How could you prepare for clinical to anticipate potential patient emergencies?

Well, I am sure if this happened in real life it would be far more stressful. I could help prepare myself by reviewing the steps in my head on how to handle the reaction and remaining calm. Immediately stopping the infusion and getting help is key.

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Classes IM7 8/2022 Unassigned Result Assigned Result

Asset Name	Resource Type	Topic	Date Completed	Score
Surgical Scenario 2: Stan Checketts: Post-Simulation Quiz	vSim	-	Aug 29, 2022 2:09 PM	100%
Surgical Scenario 2: Stan Checketts: vSim	vSim	-	Aug 29, 2022 2:07 PM	90%
Surgical Scenario 2: Stan Checketts: Pre-Simulation Quiz	vSim	-	Aug 29, 2022 1:45 PM	100%
Medical Scenario 1: Kenneth Bronson: Post-Simulation Quiz	vSim	-	Aug 29, 2022 1:40 PM	100%
Medical Scenario 1: Kenneth Bronson: vSim	vSim	-	Aug 29, 2022 1:36 PM	85%
Medical Scenario 1: Kenneth Bronson: Pre-Simulation Quiz	vSim	-	Aug 29, 2022 1:03 PM	100%