

Reaction Videos

In the first video I learned that anaphylactic symptoms could reappear within 72 hours after the initial event without another exposure to the antigen. This is called biphasic anaphylaxis. It was also stated that one in three patients may need two doses of epinephrine if their symptoms do not improve within five minutes of first administration. In the video titled "Why do we have Allergies?" I learned that pollen allergies affect one in five people. It was stated that hay fever is the fifth leading cause of chronic disease and costs the United States 700 million in lost productivity due to thousands of people calling in and missing work. About one hundred to two hundred people die each year from allergic reactions. Only 0.05% to 0.2% of the world population is expected to have anaphylaxis in their lifetime. Family genetics has a big part in allergies. There's a one in three chance a child will have allergies if one of the parents has allergies. If both parents have allergies the chance increases to four out of five. It's stated that some experts think that allergies happen when you come into contact with an allergen when your immune system is weak, or when you are sick. Allergies can disappear with age or they can become more intense. Fifty five percent of American population has tested positive for having an allergic reaction to an allergen. In the video "Anaphylactic Shock" the steps to promote adequate tissue perfusion are discussed. The first step is to remove the offending antigen if it is possible. The next step is to reverse the effects of biochemical mediators. The last step is to ensure preservation and support of airway, ventilation, and circulation. When anaphylaxis is happening to a person, they could possibly need supplemental oxygen, intubation, mechanical ventilation, and administration of drugs and fluids.