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Anaphylactic Shock

I learned a lot from anaphylactic shock YouTube videos. What I learned is that anaphylactic shock is a substance introduced to the body with mast cells that are a part of the immune system. This usually does not happen with first exposure to the product or allergen. Antibodies bind with antigen, and antibodies bound to antigen interact with mast cells and basophil cells. Mast cells and basophil cells release a variety of compound called degranulation. Antihistamine triggers a variety of symptoms. Anaphylactic shock can happen again after 72 hours after initial even with another exposure called biphasic anaphylactic. The first time of exposure there is no changed but after and second the cells begin to break down and cause this reaction. Anaphylactic shock happens locally, systemically, and through the organ. It is very important to seek medical attention if this happens. To overcome life threatening events Epinephrine must be given at the time of the event. Epinephrine is given to work rapidly at organ sites to counter the effects in chemical mediator. Epinephrine can be given every 7 minutes if needed. A combination of mechanism causes myocardial depression if not controlled in time. Histamine produces smooth muscle contraction, and this is what causes obstruction, wheezing, and shortness of breath. Anaphylactic shock is a serious event that must be taken very seriously and must be act fast to reduce long term affects.