

Unit 3 C21 Video Worksheet
Immunoglobulin E (IgE) Hypersensitivity

1. What may trigger hypersensitivity in some people?
2. What is the first step in this process? What type of WBC takes in the particle that will be responsible for the hypersensitivity reaction?
3. What cell will the antigen presenting cell stimulate to make “E” class antibodies?
4. After the E-class antibodies are made, where do the antibodies go and what do they become? On the surface of what kind of cell?
5. What was a mast cell when it was in the blood stream?
6. So far, this is considered a first exposure. The first exposure makes E-class antibodies which become receptors on mast cells. First exposure. These mast cells fixed in the interstitial space by attaching themselves to collagen fibers. What happens if there is a second exposure? What molecule is released?
7. What is this response called?
8. What are the symptoms following the release of granules from the mast cell?