

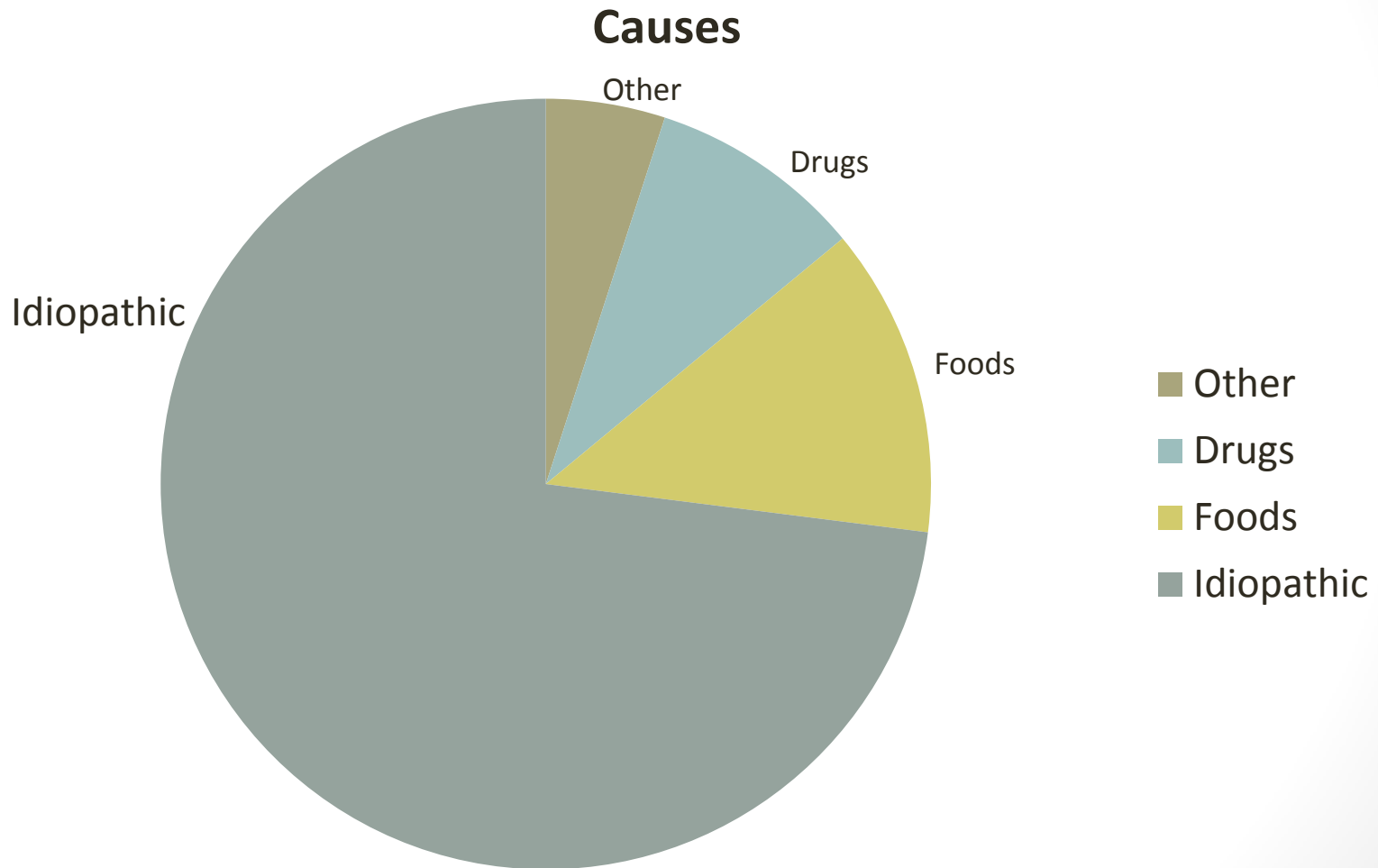
Anaphylaxis

Disaster Preparedness Training Workshop
Sanford School of Medicine, Vermillion, SD
Friday, March 20, 2015

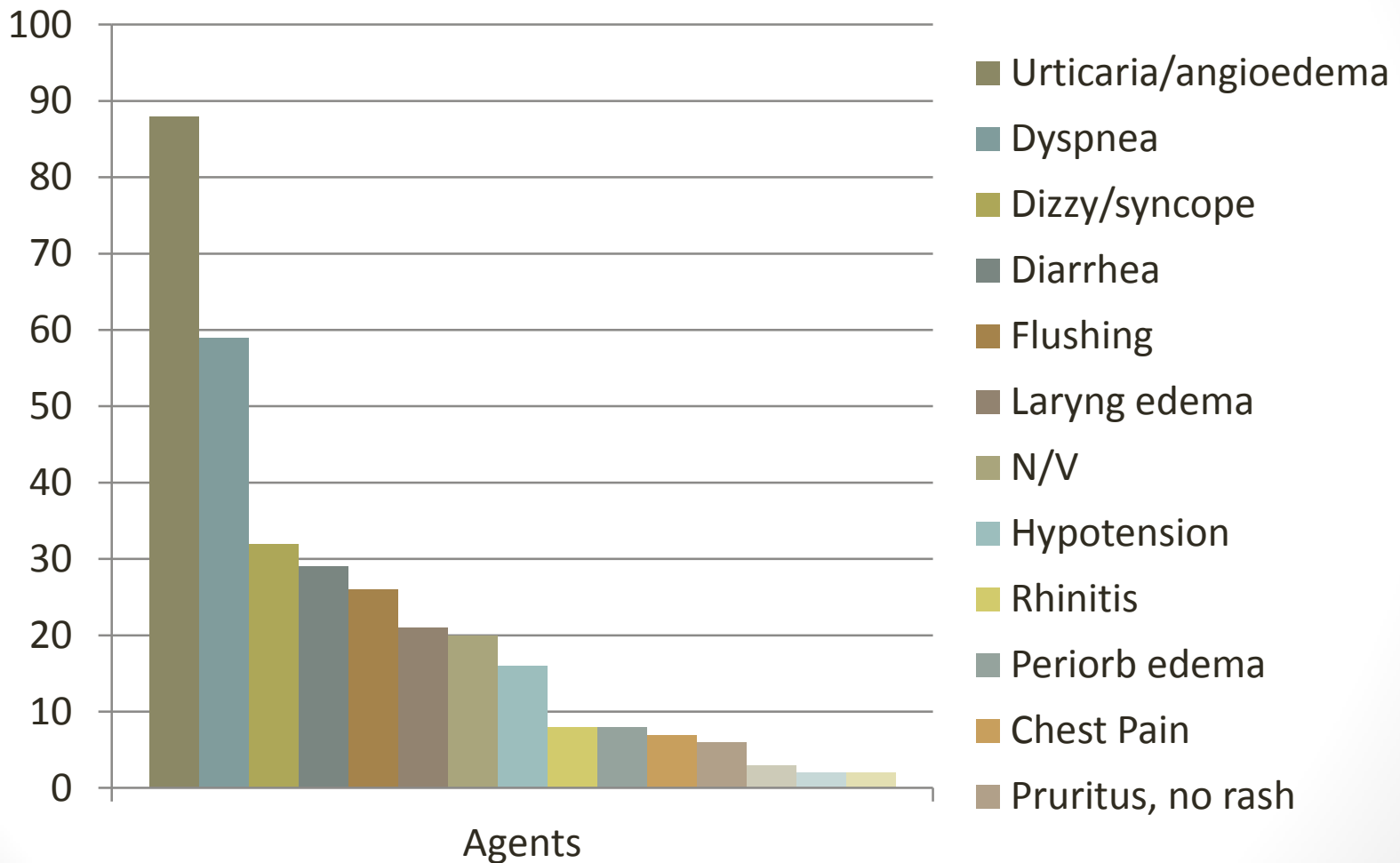
Definition of Anaphylaxis

- Anaphylaxis is a severe life-threatening generalized or systemic hypersensitivity reaction

Agents that cause anaphylaxis



Primary Symptoms of Anaphylaxis:



Types of Intervention

- Epinephrine 1-1000 0.3-0.5 immediately (.01 ml/kg)
 - May repeat every 5 minutes
- Volume support
- Oxygen
- Bronchodilators
- Recumbent
- If patient can not be stabilized, continue with CPR & ACLS recommendations
- Be careful if the patient is obese
- **If you can not tell, the intervention is the same regardless of the trigger**

What is an EpiPen?

- What's an EpiPen?
- When to use it?
- How to use it?
 - Demonstration Videos:
 - <http://www.youtube.com/watch?v=aUdvv55S8qQ&feature=related>
(1:36)
 - <http://www.youtube.com/watch?v=iRuA9xeFdRg&feature=related>
(:34)
 - <http://www.youtube.com/watch?v=tjILFYPE3Uw&feature=related>
(1:55)

Four situations...

- You will be presented with 4 different anaphylaxis situations
 - Be prepared to answer the following for each situation:
 1. How do you identify a systemic allergic reaction?
 2. Does the cause of the reaction make a difference in management?
 3. What is the treatment for a systemic allergic reaction?