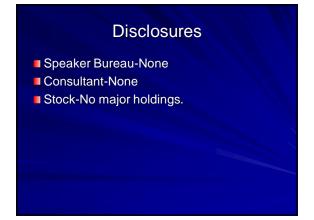
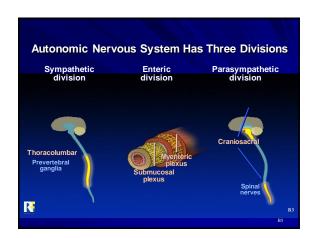


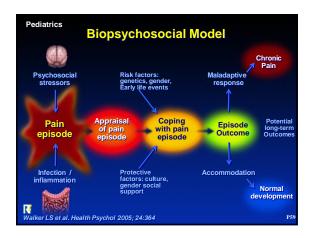
Disclosures I have no relevant financial relationships with the manufacturers of any commercial products and/or provider of commercial services discussed in this CME activity. I do not intend to discuss an unapproved/investigative use of a commercial products/device in my presentation

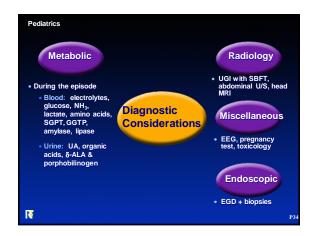


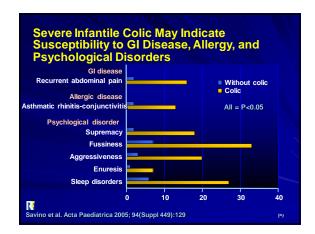


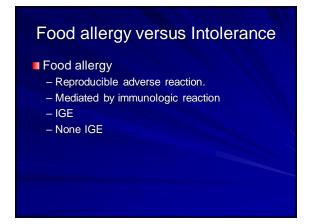












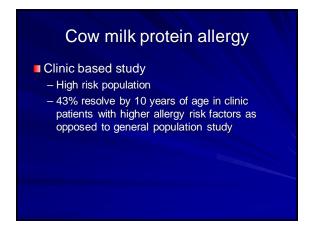
Food allergy versus Intolerance Food intolerance Reproducible adverse reaction Non immune mediated Metabolic, pharmacologic, toxic, or undefined

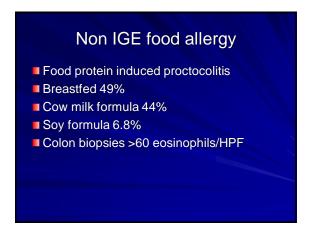
Food allergy versus Intolerance Food allergy versus food intolerance may be difficult to distinguish. Food allergy sometimes has other associated allergic comorbidity

Food allergy More severe reactions Anaphylaxis Skin manifestation Vomiting Allergic comorbidity Atopic dermatitis Asthma Allergic rhinitis, and eosinophilic gi diseases

Common Childhood food allergens Cow milk Soy Egg Peanut Wheat Tree nuts Shellfish/fish

Cow milk protein allergy Commonest childhood food allergy 2.5% prevalence 20% of all childhood allergy Community study showed 57% resolve by 4-5 years





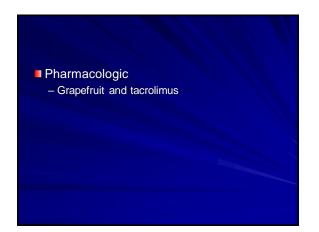


Non IGE food allergy Food protein induced enteropathy Syndrome of recurrent abdominal pain, chronic malabsorptive diarrhea Celiac disease Cow or soy milk induced enteropathy during infancy or school age.

Non IGE food allergy Eosinophilic gastrointestinal disorders Eosinophilic esophagitis Eosinophilic gastritis Eosinophilic gastroenteritis Eosinophilic enteritis Eosinophilic colitis

Non IGE food allergy Differential for EGID Parasitic infection Medication allergy Eosinophilic granulomatosis with polyangitis syndrome(Churg-Strauss) IBD Hyper eosinophilic syndrome Transplantation Food allergy



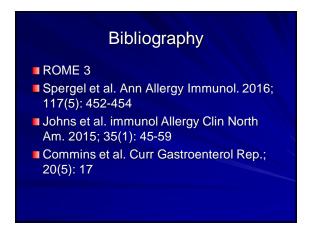




Diagnosis Food challenge Food allergy testing Endoscopy and biopsies. Referral to the allergy specialist.

Treatment Food elimination and avoidance Acute treatment for anaphylaxis Epinephrine IV hydration

Conclusion It is difficult to differentiate abdominal pain caused by food allergy versus food intolerance Requires care clinical judgement



Bibliography Nadeau et al. Nat Rev Immunol. 2016; 16(12): 751-765