Cow’s milk allergy IgE mediated induced proctocolitis
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**Background:** Cow’s milk is the most common cause of food-protein-induced enterocolitis syndrome (FPIES) in infants and young children and can induce a diverse of symptoms of variable intensity in infants. Proctocolitis (FPIAP) is a benign transient condition, which typically starts in the first few months of life with blood streaked stools in well-appearing infants. It is considered one of the major causes of colitis under age one, is common in breastfed infants where the immune response results from maternal ingestion of the food allergen (milk) FPIAP presents with blood mixed in frothy, mucousy stool. Atypical FPIES, some patients with FPIES have mixed immunologic reactions to the food(s) that causes their FPIEPS symptoms. Up to 25 percent of infants and children fulfilling the clinical diagnostic criteria for FPIES have or develop IgE antibodies to the trigger food. These patients are referred to as having atypical FPIES because the disorder is primarily considered a cell- mediated allergy. They tend to have a more protacted course of FPIES and have the potential for developing symptoms of IgE mediated allergy (eg. urticaria), in addition to FPIES.

**Report:** A 4 month old breastfed infant who’s mother reports gastrointestinal symptoms: bloody stools and cutaneous reaction (eczema). The mother consult to the allergist doctor after obtaining the medical history and patitent consent, skin prick testing with milk proteins in adiction we measure IgE levels (inmunoCAP, Phadia). Skin prick test were positive to casein: 5mm and b-lactoglobuline: 5mm, IgE levels to casein were positive to: Casein: 3.02 kU/l, Cow milk: 1.93 kU/l.

**Clinical Relevance Report:** The infant should continue breastfeeding, and the mother should start on a eliminitation milk diet. A month later the infant was fine, they continue with the same recommendations for the next 5 months.