**TABLE 1—Presenting signs and symptoms of CF**

**Infancy Childhood Adolescence/Adult**

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| --- | --- | --- |
| **Positive prenatal test for CF mutations or hyperechoic bowel on ultrasound**  | **Pulmonary infection with *Staphylyoccocucus* and pseudomonas** | **Chronic bronchitis with *bronchiectasis*** |
| **Positive CF newborn screen** | **Malnutrition with steatorrhea and pancreatic insufficiency** | **Pansinusitis** |
| **Meconium ileus** | **Heat prostration with hypoeletrolytemia and metabolic alkalosis** | **Hemoptysis** |
| **Obstructive jaundice** | **Atypical asthma with clubbing and/or bronchiectasis** | **Recurrent Pancreatitis** |
| **Edema with hypoproteinemia, and hypothrombinemia** | **Esophageal varices and/or hyperplenism** | **Cholelithiasis** |
| **Failure to thrive** | **Nasal polyps** | **Chronic abdominal pain and constipation** |
|  **Salty taste and/or salt loss syndrome** |  | **Obstructive aspermia** |
| **Rectal prolapse** |  | **Chronic respiratory failure** |
| **Intestinal obstruction with or without intussusceptions/volvulus** |  |  |
| **Recurrent pneumonia/bronchiolitis** |  |  |

Table I. Modified from: Voynow J, Scanlin TF, Cystic Fibrosis. *in:* Fishman AP, Elias JA, Grippi MA, et al (eds), Fishman’s Pulmonary Diseases and Disorders, *4th edition*. McGraw-Hill, 2008, Vol. 2: pp.863-886. With permission