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Cystic fibrosis: Diagnosis and management

Shahid Sheikh
Ohio State University College of Medicine, USA

Cystic fibrosis (CF) is an autosomal recessive multi-system genetic disorder mostly seen in Caucasian population. It is characterized by pulmonary disease, pancreatic exocrine insufficiency, and abnormal sweat electrolyte concentrations. Progression of lung disease, which is the primary cause of morbidity and mortality, is associated with chronic airway infection and inflammation leading to progressive loss of lung functions and bronchiectasis requiring lung transplant. Early diagnosis and aggressive therapies in accredited CF centers have improved mean life of CF patients from <10 years to >40 years over the last 30 years and continue to improve. Our goal of this lecture is to identify clinical symptoms/signs which can be associated with CF and to define standard of CF care as per CFF guidelines.

Biography

Shahid Sheikh is an Associate Professor of Clinical Pediatrics at The Ohio State University College of Medicine. Currently, he is working at divisions of Allergy/Immunology and Pediatric Pulmonary Medicine in Department of Pediatrics at Nationwide Children's Hospital, Columbus Ohio. His major interests are Pediatric Asthma and Cystic Fibrosis. He has published about 50 papers in peer-reviewed journals and has been serving as co-editor in editorial board of seven peer-reviewed journals.

Shahid.Sheikh@nationwidechildrens.org

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