Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 57652

Manuscript Type: MINIREVIEWS

Focus on gastroesophageal reflux disease in patients with cystic fibrosis

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Abstract

Gastroesophageal reflux disease (GERD) is a common gastrointestinal disorder in cystic fibrosis (CF), and based on various studies, its prevalence is elevated since childhood. There are several pathogenetic mechanisms on the basis of association between CF and GERD. However, there are no specific guidelines for GERD in CF patients, so diagnosis is based on guidelines performed on patients not affected by CF. The aim of this review is to provide the pathophysiology, diagnostic and therapeutic options, complications, and future directions in

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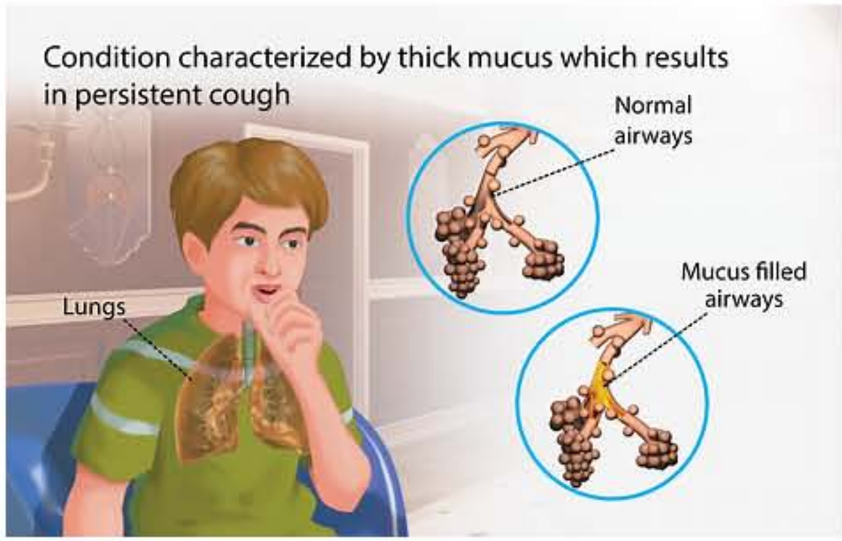
Medical Condition



A genetic disorder, in which the lungs and the digestive system get clogged with mucus.

- Very rare (Fewer than 20,000 cases per year in US)
- Often requires lab test or imaging
- Treatments can help manage condition, no known cure
- Can be lifelong

Caused due to a genetic defect. Symptoms include difficulty in breathing, coughing and poor growth. Though incurable, medications can help in managing symptoms.

Symptoms

CF affects cells that make mucus, sweat and digestive fluids. These fluids are thick in CF patients and cause the blockage of ducts throughout the body leading to a range of symptoms. The lungs and digestive system are the main areas that are affected. Symptoms may appear soon after birth or in early childhood. In rare cases, they are not manifested until adulthood