

### [Cost-Effectiveness of Screening Individuals With Cystic ...](#)

<https://pubmed.ncbi.nlm.nih.gov/29288655>

Background & aims: Individuals with **cystic fibrosis** are at increased risk of colorectal **cancer** (CRC) compared to the general population, and risk is higher among those who received an organ transplant. We performed a cost-effectiveness analysis to determine optimal CRC **screening strategies** for patients with **cystic fibrosis**.

**Cited by:** 15 **Author:** Andrea Gini, Ann G. Zauber, Dayna R. Cenin...

**Publish Year:** 2017

### [Risk of gastrointestinal cancers in patients with cystic ...](#)

<https://pubmed.ncbi.nlm.nih.gov/29706374>

Interpretation: Our study suggests that patients with **cystic fibrosis** had a significantly increased risk of **gastrointestinal cancer** compared with the general population, including small bowel, colon, biliary tract, and pancreatic **cancers**. These findings highlight the need to develop individualised **screening strategies** for site-specific **gastrointestinal cancers** in patients with **cystic fibrosis**.

**Cited by:** 84 **Author:** Akihiro Yamada, Akihiro Yamada, Yuga Ko...

**Publish Year:** 2018

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### Risk of gastrointestinal cancers in patients with cystic ...

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Background: The management and life expectancy of patients with **cystic fibrosis** have improved substantially in the past three decades, which has resulted in an increased number of these patients being diagnosed with malignancies. Our aim was to assess the risk of **gastrointestinal cancers** in patients with **cystic fibrosis**. Methods: In this systematic review and meta-analysis, we searched ...

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Are there gastrointestinal cancers in patients with cystic fibrosis? ▾

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Name of Journal: *World Journal of Gastrointestinal Oncology*  
Manuscript NO: 65102  
Manuscript Type: MINIREVIEWS

**Screening Strategy for Gastrointestinal and Hepatopancreatobiliary Cancers in Cystic Fibrosis**

Gastrointestinal Cancer Screening in Cystic Fibrosis

**Abstract**

Based on systematic review and meta-analysis, the risk for developing cancers in patients with cystic fibrosis is known to be significantly greater than in the general population, including site-specific cancers of the esophagus, small bowel, colon, liver, biliary tract, and pancreas. An even higher risk has been found in patients who have severe *CFTR* genotypes or who have undergone organ transplantation and are immunosuppressed. The risk continues to rise as life expectancies steadily climb due to advancements in medical care and treatment for CF. The colorectal cancer risk is at such a high level that CF has now been declared a hereditary colon cancer syndrome by the Cystic Fibrosis Foundation. The *CFTR* gene has been strongly-associated with the development of gastrointestinal cancers and mortality in the CF population. Even CF carriers have shown an increased rate of GI cancers compared to the general population. Several limitations exist with the reported guidelines for screening of GI and hepatopancreatobiliary cancers in the CF population, which are largely universal

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### [Cystic Fibrosis Colorectal Cancer Screening Consensus ...](#)

[https://www.gastrojournal.org/article/S0016-5085\(17\)36716-1/fulltext](https://www.gastrojournal.org/article/S0016-5085(17)36716-1/fulltext)

Dec 28, 2017 · Improved therapy has substantially increased survival of persons with **cystic fibrosis** (CF). But the risk of colorectal cancer (CRC) in adults with CF is 5–10 times greater compared to the general