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Colorectal cancer surveillance in inflammatory bowel disease: Practice guidelines and recent developments

Clarke WT *et al.* Colorectal cancer surveillance in IBD

William T Clarke, Joseph D Feuerstein

Abstract

Patients with long-standing inflammatory bowel disease (IBD) involving at least 1/3 of the colon are at increased risk for colorectal cancer (CRC). Advancements in CRC

Match Overview

1	Crossref 31 words William T. Clarke, Joseph D. Feuerstein. "Updates in colorectal cancer screening in inflammatory bowel disease", <i>Current</i>	1%
2	Internet 17 words crawled on 23-Mar-2019 www.smgebooks.com	1%
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Colorectal Cancer in Inflammatory Bowel Disease

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2871581>

The two forms of inflammatory bowel **disease** (IBD), **Crohn's disease** (CD) and **ulcerative colitis** (UC), are characterized by **chronic**, relapsing **inflammation** of the intestines. First described in a report by **Crohn** and Rosenberg in 1925, **colorectal cancer** (CRC) in patients with IBD has long been recognized.

Cited by: 61

Author: Jonathan Potack, Steven H. Itzkowitz

Publish Year: 2008

UpToDate

<https://www.uptodate.com/.../colorectal-cancer-surveillance-in-inflammatory-bowel-disease>

Guidelines for screening and surveillance of asymptomatic **colorectal cancer** in patients with **inflammatory bowel disease**. Gut 2002; 51 Suppl 5:V10. Cairns SR, Scholefield JH, Steele RJ, et al. Guidelines for colorectal cancer screening and surveillance in ...

Consensus Conference: Colorectal Cancer Screening and ...

<https://www.crohnscolitisfoundation.org/resources/consensus-conference.html> ▼

Aug 11, 2004 · The idiopathic **inflammatory bowel diseases** (IBDs), ulcerative colitis (UC) and Crohn's colitis, are associated with an increased risk for developing **colorectal cancer** (CRC).¹ In the past, some experts recommended prophylactic colectomy for patients with extensive longstanding UC in an effort to reduce CRC mortality.

[PDF] Colorectal cancer screening

www.worldgastroenterology.org/UserFiles/file/guidelines/colorectal-cancer-screening...

Colorectal cancer screening. for polyps, on the basis of studies of back-to-back **colonoscopies**, is 15–25% for adenomas smaller than 5 mm in diameter and 0–6% for adenomas of 10 mm or more. There are no prospective randomized studies that have examined the impact of **colonoscopy** on **incidence** ...

Published in: **Cancer** · 1993

Authors: M D Bernard Levin

Affiliation: University of Texas Md Anderson **Cancer Center**

About: **Colorectal cancer**

Cancer : Colorectal Cancer - Quest Diagnostics

<https://www.questdiagnostics.com/home/patients/health-test-info/cancer/colorectal-cancer> ▼

However, individuals with a family history of the **disease** or who have other risk factors for **colorectal** polyps or **colorectal cancer**, such as **inflammatory bowel disease**, should discuss with their doctor whether they should begin **screening** at an earlier age, or have tests more frequently.



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[PDF] Colorectal Cancer Surveillance in Inflammatory Bowel ...

<https://camls-us.org/wp-content/uploads/2017/02/Antoinette-Erceg-Colorectal-Cancer...>

Colorectal Dysplasia in IBD Most **dysplasia** is endoscopically visible Random biopsies to detect flat **dysplasia** Poor sensitivity with significant risk of missed **lesions** Recent international consensus **guidelines** (SCENIC): major **change** in practice of colonoscopy surveillance ...

Colorectal Cancer in Inflammatory Bowel Disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4645568>

Inflammatory bowel disease (IBD; including ulcerative colitis and Crohn's **disease**) is associated with an increased risk for **colorectal cancer** (CRC). Chronic mucosal inflammation is a key factor in the onset of carcinogenesis in IBD patients. Although most gene alterations that cause sporadic CRCs ...

Cited by: 7

Author: Zhen-Hua Wang, Jing-Yuan Fang

Publish Year: 2014

Surveillance of colorectal dysplasia and cancer in ...

<https://www.mayoclinic.org/medical-professionals/digestive-diseases/news/surveillance...> ▾

Recent consensus **guidelines** also support consideration of CE rather than WLE for initial dysplasia **surveillance** in patients with IBD. You and several colleagues recently published an article in Gastrointestinal Endoscopy about the diagnostic yield of CE and outcomes in patients with IBD who had a history of **colorectal cancer**.

Optimal delivery of colorectal cancer follow-up care ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4445789>

May 18, 2015 · The National Comprehensive Cancer Network (NCCN), who produce separate **guidelines for colon and rectal cancer**, note the overall dearth of evidence for **surveillance in rectal cancer**.⁴⁴ **Rectosigmoid cancer** accounts for nearly 9% of CRC cases; however, follow-up strategies for these patients are only discussed in the JSCCR (Japanese Society for Cancer of the Colon and Rectum) **guidelines**.⁵¹ In addition, European **guidelines** ...

Cited by: 15

Author: Mikaela L Jorgensen, Jane M Young, Mic...

Publish Year: 2015

Consensus Conference: Colorectal Cancer Screening and ...

<https://www.crohnscolitisfoundation.org/resources/consensus-conference.html> ▾



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[PDF] Colorectal Cancer Surveillance in Inflammatory Bowel ...

<https://camls-us.org/wp-content/uploads/2017/02/Antoinette-Erceg-Colorectal-Cancer...>

Objectives: Colorectal Cancer Surveillance in IBD Describe current approach for colorectal (CRC) surveillance in inflammatory bowel disease (IBD) Outline classification scheme for describing IBD-associated dysplastic lesions Discuss role of chromoendoscopy in evaluation and detection of dysplasia

Colorectal Cancer in Inflammatory Bowel Disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4645568>

Inflammatory bowel disease (IBD; including ulcerative colitis and Crohn's disease) is associated with an increased risk for colorectal cancer (CRC). Chronic mucosal inflammation is a key factor in the onset of carcinogenesis in IBD patients. Although most gene alterations that cause sporadic CRCs ...

Cited by: 7

Author: Zhen-Hua Wang, Jing-Yuan Fang

Publish Year: 2014

Colorectal cancer surveillance in inflammatory bowel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4231493>

Nov 16, 2014 · Core tip: There is an increase in the risk of colorectal cancer in patients suffering from inflammatory bowel disease. Recent studies have suggested that this risk may be decreasing. In view of the risk, colonoscopic surveillance is recommended in order to detect cancer early.

Cited by: 5

Author: Devendra Desai, Nutan Desai

Publish Year: 2014

Surveillance of colorectal dysplasia and cancer in ...

<https://www.mayoclinic.org/medical-professionals/digestive-diseases/news/surveillance...>

Recent consensus guidelines also support consideration of CE rather than WLE for initial dysplasia surveillance in patients with IBD. You and several colleagues recently published an article in Gastrointestinal Endoscopy about the diagnostic yield of CE and outcomes in patients with IBD who had a history of colorectal cancer.

Colorectal Cancer in Patients With Inflammatory Bowel ...

<https://www.sciencedirect.com/science/article/pii/S1533002816300147>

The association between inflammatory bowel disease (IBD) and colorectal cancer (CRC) has been widely shown. This association is responsible for 10% to 15% of deaths in patients with IBD, even if according to some studies, the risk of developing CRC seems to be decreased.

Cited by: 14

Author: Rosario Fornaro, Michela Caratto, Elisa ...

Publish Year: 2016

Inflammatory bowel disease

Medical Condition

Image for Condition

A group of intestinal disorders that cause inflammation of the digestive tract.

- Common (More than 200,000 cases per year in US)
- Diagnosis often requires lab test or imaging
- Treatments can help manage condition, no known cure
- Can be lifelong

IBD is said to be the result of autoimmune reactions. Inflammatory bowel disease (IBD) presents as Crohn's disease or ulcerative colitis. It may be characterized by diarrhea, abdominal pain and cramping, tiredness, and weight loss. Anti-inflammatory drugs play an important role in the treatment. Surgery is sometimes performed.

Symptoms

Symptoms may vary from mild to severe and include:

- Diarrhea
- Fever
- Fatigue
- Blood in stool
- Bleeding ulcers
- Stomach pain