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## Hereditary colorectal cancer.

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*Seminars in Oncology*, 01 Oct 1999, 26(5):478-484

PMID: 10528895

Review

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## Abstract

The question, "Is cancer hereditary?" has been answered beyond any doubt through the discovery of germ-line cancer-causing mutations in a subset of colorectal cancers (CRCs). Clearly, this authentication of the role of genetics was not solely dependent on molecular genetic studies, since hereditary cancer syndromes such as familial adenomatous polyposis (FAP) had been known for at least 100 years, but molecular advances are clarifying and refining clinical impressions. Have clinicians acted on the importance of hereditary factors in cancer so that this knowledge might be translated into patient benefit? Data showing that 59% of patients with FAP still die of metastatic CRC suggest that the answer is no.

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Wong A, Ngeow J

Biomed Res Int, 2015:219012, 16 Jun 2015

Cited by: 5 articles | PMID: 26161390 | PMCID: PMC4486295

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### [A systematic review and economic evaluation of diagnostic strategies for Lynch syndrome.](#)

Snowsill T, Huxley N, Hoyle M, Jones-Hughes T, Coelho H, Cooper C, Frayling I, Hyde C

Health Technol Assess, 18(58):1-406, 01 Sep 2014

Cited by: 47 articles | PMID: 25244061

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### [Unbalanced replication as a major source of genetic instability in cancer cells.](#)

Corcos D

Am J Blood Res, 2(3):160-169, 20 Oct 2012

Cited by: 5 articles | PMID: 23119227 | PMCID: PMC3484411

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### [Association of vitamin D receptor gene polymorphisms with colon cancer.](#)

Gündüz M, Cacina C, Toptaş B, Yaylım-Eraltan İ, Tekand Y, İsbir T

Genet Test Mol Biomarkers, 16(9):1058-1061, 01 Aug 2012

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Woo VL, Abdelsayed R

Dent Clin North Am, 52(1):203-30, x, 01 Jan 2008

Cited by: 4 articles | PMID: 18154871

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### [Hereditary colon cancer syndromes.](#)

Gala M, Chung DC

Semin Oncol, 38(4):490-499, 01 Aug 2011

Cited by: 21 articles | PMID: 21810508

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## Hereditary Cancer Syndromes-A Primer on Diagnosis and Management, Part 2: Gastrointestinal Cancer Syndromes.

Samadder NJ, Baffy N, Giridhar KV, Couch FJ, Riegert-Johnson D

Mayo Clin Proc, 94(6):1099-1116, 01 Jun 2019

Cited by: 2 articles | PMID: 31171120

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## Gastrointestinal polyposis syndromes.

Guillem JG, Smith AJ, Calle JP, Ruo L

Curr Probl Surg, 36(4):217-323, 01 Apr 1999

Cited by: 25 articles | PMID: 10212621

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## [Hereditary gastrointestinal neoplasias]

Fendrich V, Bartsch DK

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Review

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Syngal S, Brand RE, Church JM, Giardiello FM, Hampel HL, Burt RW, American College of Gastroenterology

Am J Gastroenterol, 110(2):223-62; quiz 263, 03 Feb 2015

Cited by: 314 articles | PMID: 25645574 | PMCID: PMC4695986

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Sporadic colorectal cancer is what occurs in the majority of colorectal cancer cases. Sporadic colorectal cancers: Form later in life (after age 50). Don't have a clear familial pattern. Don't have an inherited gene mutation. Hereditary colon cancer and rectal cancer is caused by an inherited gene mutation. Knowing if your cancer is hereditary is extremely important because: It can help you understand the underlying cause of your cancer. Colorectal cancer risk factors you can change. Many lifestyle-related factors have been linked to colorectal cancer. In fact, the links between diet, weight, and exercise and colorectal cancer risk are some of the strongest for any type of cancer. Being overweight or obese. If you are overweight or obese (very overweight), your risk of developing and dying from colorectal cancer is higher. Lynch syndrome is the most common hereditary colorectal cancer syndrome. It accounts for about 2% to 4% of all colorectal cancers. 37.1

Colorectal cancer viewed broadly Non-syndromic hereditary colorectal cancer refers to familial clustering that does not fit criteria for the definition of a syndrome and no germ line mutation is found. Syndromic hereditary colorectal cancer is more important, however, because of the extremely high level of risk associated with it and because it is... Non-syndromic hereditary colorectal cancer refers to familial clustering that does not fit criteria for the definition of a syndrome and no germ line mutation is found.