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Nov 05, 2020 · INTRODUCTION — Hepatic metastatic disease from colorectal cancer (CRC) is a significant clinical problem. The liver is the dominant metastatic site for patients with CRC, and although two-thirds of affected patients have extrahepatic spread, some have disease that is isolated to the liver.

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Treating Colon Cancer That Has Spread to the Liver: A Team ... www.hopkinsmedicine.org

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A case of heterogeneous sensitivity to panitumumab in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4622001>

Feb 19, 2015 · Prior studies have demonstrated approximately a 77–96% concordance rate between KRAS mutation status in differing sites of metastatic CRC. 27-30 Interestingly, KRAS heterogeneity...

Cited by: 3 **Author:** Eric Marks, Syed Mujtaba Rizvi, Nabeel ...

Publish Year: 2015

Prognostic impact of ATM mutations in patients with ...

<https://www.nature.com/articles/s41598-019-39525-3>

Feb 27, 2019 · Heterogeneity of KRAS, NRAS, BRAF and PIK3CA mutations in metastatic colorectal cancer and potential effects on therapy in the CAPRI GOIM trial. Ann. Oncol. 26 , 1710–1714 (2015).

Cited by: 11 **Author:** Giovanni Randon, Giovanni Fucà, Daniel...

Publish Year: 2019

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Is there a genetic predisposition for young onset colorectal cancer?

Name of Journal: *World Journal of Clinical Cases*
Manuscript NO: 61722
Manuscript Type: CASE REPORT

Genetic mutations of sensitivity to neoadjuvant chemotherapy in metastatic colon cancer: A case report and literature review

Long Zhao, Quan Wang, Shi-Dong Zhao, Jing Zhou, Ke-Wei Jiang, Ying-Jiang Ye, Shan Wang, Zhan-Long Shen

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<https://www.ncbi.nlm.nih.gov/gene/1806>

DPYD*5 gene mutation contributes to reduced DPYD enzyme activity and 5-FU metabolism, which is associated with accumulation of 5-FU and chemotherapeutic toxicity in patients with gastric and colonic carcinoma The mutation IVS14 + 1 G > A, DPYD*2A, is the most common mutation associated with DPD deficiency

[Emerging Trends in Neoadjuvant Chemotherapy for Ovarian ...](#)

<https://www.mdpi.com/2072-6694/13/4/626/htm> ▾

Results of a multicenter retrospective study revealed that germline BRCA 1 or 2 gene mutations were associated with higher occurrence of peritoneal carcinomatosis and the presence of bulky lymph nodes. The presence of a BRCA1 or 2 mutation was frequently associated with a higher laparoscopic PIV score (≥8) compared with the wild-type BRCA genotype.

Cited by: 1

Author: Ami Patel, Puja Iyer, Shinya Matsuzaki, ...

Publish Year: 2021

[Complete pathological response following neoadjuvant ...](#)

<https://europepmc.org/abstract/MED/30547773> ▾

Dec 14, 2018 · Case presentation. We report a case of a 25-year-old male with LARC treated with neoadjuvant FOLFOX chemotherapy, and experienced a pCR. The next-generation sequencing analysis revealed the presence of breast cancer gene 2 (BRCA2) somatic mutation and an increased somatic mutational load without microsatellite instability (MSI).

[Genetics, diagnosis and management of colorectal cancer ...](#)

<https://www.spandidos-publications.com/10.3892/or.2015.4108> ▾

Jul 03, 2016 · Colorectal cancer (CRC) is the third most common type of cancer worldwide and a leading cause of cancer death. Surgery represents the mainstay of treatment in early cases but often patients are primarily diagnosed in an advanced stage of disease and sometimes also distant metastases are present. Neoadjuvant therapy is therefore needed but drug resistance may influence response and concur to ...

Cited by: 210

Author: Marina De Rosa, Ugo Pace, Daniela Reg...

Publish Year: 2015