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Immune checkpoint inhibitor-mediated colitis in gastrointestinal malignancies and inflammatory bowel disease

ICI-colitis in GI cancers and IBD

Abstract

Immune checkpoint inhibitors (ICI) have markedly changed the landscape of cancer therapy. By re-invigorating the immune system against tumors, ICI provide novel therapeutic options for a broad variety of malignancies, including many gastrointestinal (GI) cancers. However, these therapies can also induce autoimmune-like side effects in healthy tissue across the body. One of the most common of these side effects is immune-mediated diarrhea and colitis (IMC). Here, we review the incidence and risk of IMC in

Match Overview

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Immune Checkpoint Inhibitor-Mediated Diarrhea and Colitis ...

<https://pubmed.ncbi.nlm.nih.gov/32584703>

Immune-mediated diarrhea and **colitis** (IMDC) is among the most common **immune**-related adverse events in patients with **cancer** treated with **immune** checkpoint inhibitors (ICIs). Many factors will affect the risk of IMDC, including the type of ICI used, the type of underlying **cancer**, and patient characteristics.

Cited by: 1

Author: Zimu Gong, Yinghong Wang

Publish Year: 2020

Incidence of immune checkpoint inhibitor-mediated diarrhea ...

<https://pubmed.ncbi.nlm.nih.gov/34158318>

Background and aims: The risk of use of **immune-mediated diarrhea** and **colitis** (imDC) in patients with preexisting inflammatory **bowel disease** (IBD) is not fully understood. We report the incidence of imDC in these patients, and compare with a matched cohort of patients with cancer and without IBD.

Images of immune checkpoint Inhibitor-mediated colitis in Gastroi... [bing.com/images](https://www.bing.com/images)



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Immune Checkpoint Inhibitor-Induced Colitis: Diagnosis and ...

<https://pubmed.ncbi.nlm.nih.gov/28540478>

Endoscopic lesions and histopathological features of **immune checkpoint inhibitor-induced colitis** are similar to an **inflammatory bowel disease (IBD)** flare. Patients with **immune checkpoint inhibitor-induced diarrhea** and colitis are treated with corticosteroids. Infliximab can be used in cases of corticosteroid failure. Rectosigmoidoscopy or colonoscopy should be performed when severe **immune checkpoint inhibitor-induced colitis** ...

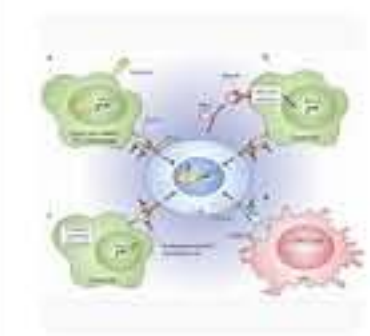
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Publish Year: 2017

Workup and Management of Immune-Mediated Colitis in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7066712>

On 06/06/2019, The incidence of immune-mediated colitis due to immune checkpoint inhibitor therapy is

Immune checkpoint



Immune checkpoints are regulators of the immune system. These pathways are crucial for self-tolerance, which prevents the immune system from attacking cells indiscriminately. However, some cancers can protect themselves from attack by stimulating immune checkpoint targets.

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