

Name of Journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 56183

Manuscript Type: SYSTEMATIC REVIEWS

5 Nonsteroidal anti-inflammatory drug effectivity in preventing post-endoscopic retrograde cholangiopancreatography pancreatitis: Systematic review and meta-analysis

Serrano JPR *et al.* Nonsteroidal anti-inflammatory drug and ERCP pancreatitis

Abstract

BACKGROUND

Endoscopic retrograde cholangiopancreatography (ERCP) is the primary therapeutic procedure for the treatment of diseases affecting the biliary tree and pancreatic duct. Although the therapeutic success rate of ERCP is high, the procedure can cause complications, such as acute pancreatitis (post-ERCP pancreatitis [PEP]), bleeding and perforation.

AIM

To assess the efficacy of non-steroidal anti-inflammatory drugs (NSAIDs) preventing PEP follow-up (ERCP).

METHODS

Match Overview

1	Internet 154 words crawled on 23-Dec-2019 thieme-connect.de	4%
2	Internet 36 words crawled on 24-Jan-2020 www.thieme-connect.de	1%
3	Internet 23 words crawled on 07-Mar-2018 journals.plos.org	1%
4	Internet 20 words crawled on 03-Mar-2017 www.wjgnet.com	1%
5	Internet 15 words crawled on 22-Jun-2020 www.annalsgastro.gr	<1%
6	Crossref 14 words Rustagi, Tarun, and Basile Njei. "Factors Affecting the Efficacy of Nonsteroidal Anti-inflammatory Drugs in Preventing Post-	<1%
7	Crossref 12 words Kemman D. Johnson, Abhilash Perisetti, Benjamin Tharian, Ragesh Thandassery, Priya Jamidar, Hemant Goyal, Sumant	<1%

[ALL](#)[IMAGES](#)[VIDEOS](#)

12,500 Results

Any time ▾

A Review of Prevention of Post-ERCP Pancreatitis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6034611>

Keywords: Post-endoscopic **retrograde cholangiopancreatography pancreatitis**, rectal nonsteroidal anti-inflammatory **drugs**, lactated Ringer solution, prophylactic pancreatic stent placement Endoscopic **retrograde cholangiopancreatography** (ERCP) is a specialized procedure used for the diagnosis and treatment of pancreatic and biliary system disorders.

Cited by: 5**Author:** Shannon J. Morales, Kartik Sampath, Ti...**Publish Year:** 2018

What is impact of nonsteroidal anti-inflammatory drugs in ...

<https://bmcgastroenterol.biomedcentral.com/articles/10.1186/s12876-018-0837-4>

Jul 04, 2018 · Recently, although studies have investigated the role of NSAIDs in the **prevention** of post-endoscopic **retrograde cholangiopancreatography pancreatitis** (PEP), selection of the ideal **drug**, the time and route of its administration for the appropriate population remain controversial. A **systematic** search was done in sources including PubMed, Embase, Web of Science, the ...

Cited by: 6**Author:** Yunxiao Lyu, Yunxiao Cheng, Bin Wang,...**Publish Year:** 2018

Effectiveness of nonsteroidal anti-inflammatory drugs in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4161819>

Sep 14, 2014 · Core tip: This **meta-analysis** was designed to compare the incidence of post-endoscopic **retrograde cholangiopancreatography** (ERCP) **pancreatitis** (PEP) in the presence or absence of prophylactic nonsteroidal anti-inflammatory **drug** (NSAID) administration after ERCP. A total of eight studies were included in the pooled analysis and contained 1883 patients that ...

Cited by: 11**Author:** Xiao Li, Li-Ping Tao, Chun-Hui Wang**Publish Year:** 2014

Prevention of post-endoscopic retrograde ...

Nonsteroidal anti-inflammatory drug effectivity in preventing post-e



ALL

IMAGES

VIDEOS

16,900 Results

Any time ▾

What is impact of nonsteroidal anti-inflammatory drugs in ...

<https://pubmed.ncbi.nlm.nih.gov/29973142>

Background: Recently, although studies have investigated the role of NSAIDs in the **prevention of post-endoscopic retrograde cholangiopancreatography pancreatitis** (PEP), selection of the ideal **drug**, the time and route of its administration for the appropriate population remain controversial. Methods: A **systematic** search was done in sources including PubMed, Embase, Web of Science, the Cochrane ...

Cited by: 10

Author: Yunxiao Lyu, Yunxiao Cheng, Bin Wang, Yue...

Publish Year: 2018

Effectiveness of nonsteroidal anti-inflammatory drugs in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4161819>

Sep 14, 2014 · Core tip: This **meta-analysis** was designed to compare the incidence of **post-endoscopic retrograde cholangiopancreatography** (ERCP) **pancreatitis** (PEP) in the presence or absence of prophylactic **nonsteroidal anti-inflammatory drug** (NSAID) administration after ERCP. A total of eight studies were included in the pooled analysis and contained 1883 patients that underwent ERCP with ...

Cited by: 13

Author: Xiao Li, Li-Ping Tao, Chun-Hui Wang

Publish Year: 2014

Images of Non Steroidal Anti Inflammatories Drug Effective in Prev...

<bing.com/images>

Studies (ref.)	Patients	Risk Ratio (CI)	Total Events	Total Weight	M-H, Fixed, 95% CI
2 [12,18]	527	0.50 [0.30-0.80]	17	11.2%	0.97 [0.53, 1.80]
2 [12,18]	570	0.57 [0.32, 1.00]	11	8.1%	0.75 [0.34, 1.67]
2 [12,18]	513	0.54 [0.34-0.84]	52	33.0%	0.54 [0.35, 0.84]
2 [12,18]	327	0.54 [0.23, 1.28]	13	8.4%	0.15 [0.04, 0.65]
4 [12,15,16,18]	786	0.53 [0.35-0.80]	12	7.8%	0.33 [0.11, 0.99]
			105	44.0%	0.44 [0.18, 0.95]

74 of records after

74 of records



Nonsteroidal anti-inflammatory drug effectivity in preventing post-



ALL IMAGES VIDEOS MAPS NEWS SHOPPING

49,600 Results Any time ▾

[What is impact of nonsteroidal anti-inflammatory drugs in ...](#)

<https://pubmed.ncbi.nlm.nih.gov/29973142>

Background: Recently, although studies have investigated the role of NSAIDs in the **prevention of post-endoscopic retrograde cholangiopancreatography pancreatitis (PEP)**, selection of the ideal **drug**, the time and route of its administration for the appropriate population remain controversial. Methods: A **systematic** search was done in sources including PubMed, Embase, Web of Science, the Cochrane ...

Cited by: 10 **Author:** Yunxiao Lyu, Yunxiao Cheng, Bin Wang, ...

Publish Year: 2018

[Effectiveness of nonsteroidal anti-inflammatory drugs in ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4161819>

Sep 14, 2014 · Core tip: This **meta-analysis** was designed to compare the incidence of **post-endoscopic retrograde cholangiopancreatography (ERCP) pancreatitis (PEP)** in the presence or absence of prophylactic **nonsteroidal anti-inflammatory drug (NSAID)** administration after ERCP. A total of eight studies were included in the pooled analysis and contained 1883 patients that underwent ...

Cited by: 13 **Author:** Xiao Li, Li-Ping Tao, Chun-Hui Wang

Publish Year: 2014

[What is impact of nonsteroidal anti-inflammatory drugs in ...](#)

<https://bmcgastroenterol.biomedcentral.com/articles/10.1186/s12876-018-0837-4> ▾

Jul 04, 2018 · Recently, although studies have investigated the role of NSAIDs in the **prevention of post-endoscopic retrograde cholangiopancreatography pancreatitis (PEP)**, selection of the ideal **drug**, the time and route of its administration for the appropriate population remain controversial. A **systematic** search was done in sources including PubMed, Embase, Web of Science, the Cochrane Library ...

Cited by: 10 **Author:** Yunxiao Lyu, Yunxiao Cheng, Bin Wang, ...

Publish Year: 2018

[What is impact of nonsteroidal anti-inflammatory drugs in ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/29973142>

Jul 04, 2018 · What is impact of **nonsteroidal anti-inflammatory drugs** in the **prevention of post-endoscopic retrograde cholangiopancreatography pancreatitis**: a **meta-analysis** of randomized controlled trials. Lyu Y(1), Cheng Y(2), Wang B(2), Xu Y(2), Du W(2).