

Name of Journal: *World Journal of Gastrointestinal Surgery*

ESPS Manuscript NO: 27289

Manuscript Type: Evidence-Based Medicine

Acute pain management in symptomatic cholelithiasis

Tahir Masudi, Helen Capitelli-McMahon, Suhail Anwar

Abstract

AIM: To review the evidence for the use of different NSAIDs in the treatment of biliary colic.

METHODS: The strategies employed included an extensive literature review for articles and studies related to biliary colic from electronic databases including Pub Med, Science Direct, Wiley Inter Science, Medline and Cochrane from last 15 years. Keywords: 'biliary colic', 'management of biliary colic', 'NSAIDs', 'cholelithiasis' and 'biliary colic management'. 6 randomized control trials (RCTs), 1 non-randomized trial and 1 meta-analysis were included in this review. The outcomes of these studies and their significance have been reviewed in this paper.

RESULTS: Current evidence suggests there are no set protocols for biliary colic pain management. NSAIDs are potent in the management of biliary colic, not only in terms of symptom control but in disease progression as well. Apart from the studies on diclofenac and ketorolac, there are studies which have shown that intravenous tenoxicam and injectable flurbiprofen are equally effective in managing biliary colic. The

Match Overview

1	Internet 77 words crawled on 15-Nov-2006 www.ee.columbia.edu	3%
2	CrossCheck 77 words Anup Kumar, "Comparison of the effect of diclofenac w ... h hyoscine-N-butylbromide in the symptomatic treatment	3%
3	Internet 62 words crawled on 08-Nov-2015 www.ncbi.nlm.nih.gov	2%
4	Internet 38 words crawled on 30-May-2016 www.ahcmedia.com	1%
5	CrossCheck 30 words A. Colli, "Meta-analysis: nonsteroidal anti-inflammatory ... rugs in biliary colic", <i>Alimentary Pharmacology & Therap</i>	1%
6	Internet 23 words crawled on 26-Apr-2014 apsoc.org.au	1%
7	Internet 15 words crawled on 08-May-2016 rc.rcjournal.com	<1%
8	CrossCheck 12 words Henderson, S.O., "Comparison of intravenous ketorolac ... and meperidine in the treatment of biliary colic", <i>Journal</i>	<1%
9	CrossCheck 12 words Tadashi Ikegami, "Ursodeoxycholic acid: Mechanism c ... action and novel clinical applications", <i>Hepatology Rese</i>	<1%
	CrossCheck 8 words	<1%



全部 图片 地图 视频 新闻 更多 ▾ 搜索工具

找到约 182,000 条结果 (用时 2.10 秒)

Google 学术: Acute Pain Management In Symptomatic Cholelithiasis

Chronic **pain** as an outcome of surgeryA review of ... - Perkins - 被引用次数: 1114

... **therapy** is associated with reduced risk of biliary **pain** ... - Tomida - 被引用次数: 112

... **Treatment of choice for symptomatic cholelithiasis** . - Schirmer - 被引用次数: 409

Gallstones (Cholelithiasis) Treatment & Management: Approach ...

emedicine.medscape.com/article/175667-**treatment** ▾ 翻译此页

2016年4月14日 - Medical treatment, beyond **pain control**, is not initiated in the emergency department. ...

Next Section: Treatment of **Asymptomatic Gallstones** Early **Cholecystectomy** Best Option for **Acute Cholecystitis** - **Cholecystectomy** for ...

Acute Cholecystitis and Biliary Colic: Overview, Risk Factors ...

emedicine.medscape.com/article/1950020-overview ▾ 翻译此页

2015年12月27日 - This spectrum ranges from **asymptomatic gallstones** to biliary colic, ... of laparoscopic **cholecystectomy** as a **treatment of symptomatic gallstones** ...

Surgical and Nonsurgical Management of Gallstones - American ...

www.aafp.org › Journals › afp › Vol. 89/No. 10(May 15, 2014) ▾ 翻译此页

2014年5月15日 - Most patients are **asymptomatic**; **gallstones** are discovered ... The management of **acute** biliary colic mainly involves **pain control** with ...

Gallstones (Cholelithiasis): Practice Essentials, Background ...

emedicine.medscape.com/article/175667-overview ▾ 翻译此页

2016年4月14日 - **Acute cholecystitis** – Well-localized **pain** in the right upper quadrant, ... **Symptomatic gallstones** – Usually, definitive surgical **intervention** (eg, ...

Management of Gallstones - American Family Physician

www.aafp.org › Journals › afp › Vol. 72/No. 4(August 15, 2005) ▾ 翻译此页



全部 图片 新闻 视频 地图 更多 ▾ 搜索工具

找到约 212,000 条结果 (用时 0.74 秒)

Google 学术: Acute pain management in symptomatic cholelithiasis

Chronic pain as an outcome of surgery A review of ... - Perkins - 被引用次数: 1145

... . Treatment of choice for symptomatic cholelithiasis. - Schirmer - 被引用次数: 418

Treatment of gallstones - Ransohoff - 被引用次数: 208

Gallstones (Cholelithiasis) Treatment & Management: Approach ...

emedicine.medscape.com/article/175667-treatment ▾ 翻译此页

2016年4月14日 - Medical treatment, beyond pain control, is not initiated in the emergency department. ...

Next Section: Treatment of Asymptomatic Gallstones ...

Gallstones (Cholelithiasis): Practice Essentials, Background ...

emedicine.medscape.com/article/175667-overview ▾ 翻译此页

2016年4月14日 - Acute cholecystitis – Well-localized pain in the right upper quadrant, usually with

rebound ... Asymptomatic gallstones – Expectant management.

Surgical and Nonsurgical Management of Gallstones - American ...

www.aafp.org › Journals › afp › Vol. 89/No. 10(May 15, 2014) ▾ 翻译此页

2014年5月15日 - Most patients are asymptomatic; gallstones are discovered ... The management of

acute biliary colic mainly involves pain control with ...

Management of Gallstones and Their Complications - American ...

www.aafp.org › Journals › afp › Vol. 61/No. 6(March 15, 2000) ▾ 翻译此页

2000年3月15日 - In symptomatic patients, the intervention varies with the type of ... The pain of acute

cholecystitis typically lasts longer than three hours and, after ...

Treatment of suspected symptomatic cholelithiasis with glycopyrrolate ...

www.ncbi.nlm.nih.gov/pubmed/15671975 ▾ 翻译此页

作者: ... 2005 被引用次数: ... 相关文章



全部 图片 新闻 视频 地图 更多 ▾ 搜索工具

找到约 198,000 条结果（用时 0.63 秒）

Google 学术: Acute pain management in symptomatic cholelithiasis

Chronic pain as an outcome of surgery A review of ... - Perkins - 被引用次数: 1146

... Treatment of choice for symptomatic cholelithiasis. - Schirmer - 被引用次数: 419

Treatment of gallstones - Ransohoff - 被引用次数: 209

Gallstones (Cholelithiasis) Treatment & Management: Approach ...

[emedicine.medscape.com/article/175667-treatment](https://www.emedicine.com/medscape.com/article/175667-treatment) ▾ 翻译此页

2016年4月14日 - Medical treatment, beyond pain control, is not initiated in the emergency department. ...

Next Section: Treatment of Asymptomatic Gallstones ...

Gallstones (Cholelithiasis): Practice Essentials, Background ...

[emedicine.medscape.com/article/175667-overview](https://www.emedicine.com/medscape.com/article/175667-overview) ▾ 翻译此页

2016年4月14日 - Cholelithiasis is the medical term for gallstone disease. Gallstones are concretions that form in the biliary tract, usually in the gallbladder (see ...

Acute Cholecystitis and Biliary Colic: Overview, Risk Factors ...

[emedicine.medscape.com/article/1950020-overview](https://www.emedicine.com/medscape.com/article/1950020-overview) ▾ 翻译此页

2015年12月27日 - This spectrum ranges from asymptomatic gallstones to biliary colic, ... Risk Factors; Evaluation of Biliary Colic and Cholecystitis; Diagnosis ...

Surgical and Nonsurgical Management of Gallstones - American ...

www.aafp.org > Journals > afp > Vol. 89/No. 10(May 15, 2014) ▾ 翻译此页

2014年5月15日 - Most patients are asymptomatic; gallstones are discovered ... The management of acute biliary colic mainly involves pain control with ...