

**Name of Journal:** *World Journal of Gastroenterology*

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***Basic Study***

**Drug-eluting fully covered self-expanding metal stent for dissolution of bile duct stones *in vitro***

Huang C *et al.* Litholytic effect of drug-eluting FCSEMS

Chao Huang, Xiao-Bo Cai, Li-Li Guo, Xiao-Sheng Qi, Qiang Gao, Xin-Jian Wan

**Abstract**

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## WallFlex™ Biliary RX Stents - Boston Scientific

[www.bostonscientific.com/en-US/products/stents...rx-stents.html](http://www.bostonscientific.com/en-US/products/stents...rx-stents.html) ▾

• The WallFlex Biliary RX **Fully Covered Stent** should not be placed in strictures that cannot be dilated enough to pass the delivery system, in a perforated **duct**, or in very small intrahepatic ducts. • The WallFlex Biliary RX **Fully Covered Stent** System RMV should not be used in patients for whom endoscopic techniques are contraindicated.

## Current Status of Biliary Metal Stents - PubMed Central (PMC)

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > Clin Endosc > v.49(2); 2016 Mar

Feb 25, 2016 · Biliary leaks · **Bile** leaks could successfully be treated with plastic **stent** placement with or without sphincterotomy in 70% to 100% of patients [13,29-32]. A single plastic **stent** with or without sphincterotomy could be used first in postoperative **bile** leaks because the CBD is usually not dilated and an insertion of multiple **stents** or SEMS is difficult.

Cited by: 8

Author: Hyeong Seok Nam, Dae Hwan Kang

Publish Year: 2016

## Metal Stents Are Effective Treatment for Blocked Bile ...

<https://www.dicardiology.com/content/metal-stents-are-effective...> ▾

Mar 26, 2013 · "**Fully covered self-expanding metal stents** are emerging as a promising therapeutic option in the treatment of benign **bile duct** strictures," Kahaleh said. "We found very acceptable, high rates of stricture resolution after the use and removal of **metal stents** in all types of patients groups.

## Complications of Biliary and Gastrointestinal Stents: MDCT ...

[www.ajronline.org](http://www.ajronline.org) > ... > Volume 199, Issue 2

OBJECTIVE. The goal of this article is to discuss and show the common complications of biliary and gastrointestinal **stents** as depicted by MDCT in cancer patients. Major complications include **stent** misplacement or displacement, bleeding, obstruction, perforation, **stent** fracture or collapse, and infection. This topic encompasses several relevant issues, including interpretative difficulties ...

Cited by: 16

Author: Orlando Catalano, Mario De Bellis, Fabio ...

Publish Year: 2012

## Use of fully covered self-expanding metal stents for the ...

[https://www.researchgate.net/publication/298894907\\_Use\\_of\\_fully...](https://www.researchgate.net/publication/298894907_Use_of_fully...)

For not-hilar BBS, **fully covered self-expanding metal stents** (FCSEMSs) are emerging as a promising therapy needing fewer of the endoscopist's technical skills and reducing ERCP procedures and ...

## Endoscopic Stents for the Biliary Tree and Pancreas ...





All

Images

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关闭取词

4,320 Results

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## WallFlex™ Biliary RX Stents - Boston Scientific

<https://www.bostonscientific.com/en-US/products/stents--gastrointestinal/wallflex...> ▾

• The WallFlex Biliary RX **Fully Covered Stent** should not be placed in strictures that cannot be dilated enough to pass the delivery system, in a perforated **duct**, or in very small intrahepatic ducts. • The WallFlex Biliary RX **Fully Covered Stent** System RMV should not be used in patients for whom endoscopic techniques are contraindicated.

## Current Status of Biliary Metal Stents - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4821525>

Feb 25, 2016 · Biliary leaks . **Bile** leaks could successfully be treated with plastic **stent** placement with or without sphincterotomy in 70% to 100% of patients [13,29-32]. A single plastic **stent** with or without sphincterotomy could be used first in postoperative **bile** leaks because the CBD is usually not dilated and an insertion of multiple **stents** or SEMS is difficult.

Cited by: 8

Author: Hyeong Seok Nam, Dae Hwan Kang

Publish Year: 2016

## Endoscopic biliary stenting for irretrievable common bile ...

<https://www.sciencedirect.com/science/article/pii/S1479666X12000510>

After sphincterotomy, however, 10%–15% of common bile duct (CBD) stones cannot be removed with a basket or balloon. Methods for managing “**irretrievable stones**” include surgery; mechanical, intraductal shock wave, and **extracorporeal shock wave lithotripsy**; **chemical dissolution**; and **biliary stenting**.

Cited by: 15

Author: Jun Yang, Jia-yuan Peng, Wei Chen

Publish Year: 2012

## An Update to Hepatobiliary Stents - xiahepublishing.com

[www.xiahepublishing.com/2310-8819/ArticleFullText.aspx?sid=2&id=10.14218/JCTH.2015.00040](http://www.xiahepublishing.com/2310-8819/ArticleFullText.aspx?sid=2&id=10.14218/JCTH.2015.00040) ▾

Endoscopic **stent** placement is a common primary management therapy for benign and malignant biliary strictures. However, continuous use of **stents** is limited by occlusion and migration. **Stent** technology has evolved significantly over the past two decades to reduce these problems. The purpose of this article is to review current guidelines in managing malignant and benign biliary obstructions ...

Cited by: 5

Author: Brian T. Moy, John W. Birk

Publish Year: 2015

## Functional Self-Expandable Metal Stents in Biliary Obstruction

[https://www.researchgate.net/publication/258062246\\_Functional\\_Self-Expandable\\_Metal...](https://www.researchgate.net/publication/258062246_Functional_Self-Expandable_Metal...)

Feasibility of placing a modified **fully covered** self-expandable **metal stent** above the papilla to minimize **stent-induced bile duct** injury in patients with refractory benign biliary strictures (with ...

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找到约 61,000 条结果 (用时 0.57 秒)

## An Update to Hepatobiliary Stents - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4542081/> ▼ [翻译此页](#)作者: BT Moy - 2015 - 被引用次数: 20 - [相关文章](#)

Larger diameter **stents** maintain longer patency, and **self-expanding metal** ... The use of longer SEMS could increase wall pressure and damage the **bile duct**.<sup>4</sup> After deployment, the **stent** is held in ... SEMS can be **fully-covered**, **partially-covered**, or uncovered. .... **Drug-eluting stents** may improve **stent** patency.<sup>1</sup> Paclitaxel, ...

## Current Status of Biliary Metal Stents - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4821525/> ▼ [翻译此页](#)作者: HS Nam - 2016 - 被引用次数: 18 - [相关文章](#)

2016年2月25日 - Keywords: **Self expandable metallic stents**, **Biliary** stenting, ... the **stent covering** blocks the opening of cystic or pancreatic **ducts**, but this is ... **Biliary** stenting can help relieve **biliary** obstruction by **bile** drainage and **stone dissolution**. .... Regarding malignant **biliary** obstruction, **drug-eluting** stents coated with ...

## The effect of a novel drug-eluting plastic stent on biliary stone ...

[https://www.researchgate.net/.../257812413\\_The\\_effect\\_of\\_a\\_novel\\_drug-el...](https://www.researchgate.net/.../257812413_The_effect_of_a_novel_drug-el...) - [翻译此页](#)

Infusing chemicals to directly **dissolve stones** through the **bile duct** might also ... The effect of a novel **drug-eluting** plastic stent on biliary **stone dissolution** in an ex **vivo** bile ... during perfusion until the coated membranes were **completely** biodegraded. .... Novel biliary **self-expanding metal stents**: Indications and applications.

## Novel biliary self-expanding metal stents: indications and applications ...

<https://www.tandfonline.com/doi/full/10.1586/17474124.2015.960395?...> - [翻译此页](#)

2014年9月18日 - Endoscopic insertion of a **self-expanding metal stent** (SEMS) through a malignant common **bile duct** stricture is the first ... **Fully covered** stents became available shortly after reports of their use in ..... The effect of a novel **drug-eluting** plastic stent on biliary **stone dissolution** in an ex **vivo** bile perfusion model.

## Papers with the keyword plastic biliary stents (Page 16) | Read by ...

<https://read.qxmd.com/keyword/81007/16> ▼ [翻译此页](#)

Endoscopic plastic stenting for **bile duct stones**: stent changing on demand or ... **Covered self-**