

**2** **Name of Journal:** *World Journal of Gastrointestinal Endoscopy*

**Manuscript NO:** 55944

**Manuscript Type:** ORIGINAL ARTICLE

### *Observational Study*

Optimization of biliary drainage in inoperable distal malignant strictures the guidelines of the stratosphere troposphere ozone balance experiment statement have been adopted

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### **Abstract**

#### BACKGROUND

Given most patients with distal malignant biliary obstruction present in non-resectable stage, palliative endoscopic biliary drainage with fully covered metal stent (FCMS) or uncovered metal stent (UCMS) is the only available measure to

### Match Overview

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**Covered versus uncovered** self-expandable nitinol **stents** in the palliative treatment of **malignant distal biliary obstruction**: Results from a **randomized**, multicenter **study**

### Biliary self-expandable metallic stent for unresectable ...

[https://www.researchgate.net/publication/264693133\\_Biliary\\_self-  
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Self-expandable metallic **stents** (SEMS) are a widely accepted **biliary** endoprosthesis for patients with unresectable **malignant distal biliary obstruction**. There are two types of SEMS: **covered** ...

### An Update to Hepatobiliary Stents - National Center for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4542081>

Mar 15, 2015 · SEMS can be **fully-covered**, **partially-covered**, or **uncovered**. **Uncovered metal stents** help prevent migration, but they occlude earlier and cannot be removed due to ingrowth or overgrowth of mucosal tissue.<sup>15</sup> However, they can be placed anywhere in **the biliary** tract, and they are the most commonly used **metal stent**. **Covered** SEMS (cSEMS) were introduced to ...

**Cited by:** 7

**Author:** Brian T. Moy, John W. Birk

**Publish Year:** 2015

### Covered (cSEMS) Versus Uncovered (uSEMS) Nitinol Self ...

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### [Malignant Biliary Obstruction: Evidence for Best Practice](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4766322>

Feb 11, 2016 · Prat F., Chapat O., Ducot B., et al. A randomized trial of endoscopic **drainage** methods for **inoperable malignant strictures** of the common bile duct. *Gastrointestinal Endoscopy*. 1998; 47 (1):1–7. doi: 10.1016/s0016-5107(98)70291-3.

**Cited by:** 14      **Author:** Leonardo Zorrón Cheng Tao Pu, Rajvind...  
**Publish Year:** 2016

### [Preoperative Drainage for Malignant Biliary Strictures: Is ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4323440>

Keywords: **Malignant biliary** stricture, Preoperative **biliary drainage**, Percutaneous transhepatic **biliary drainage**, Self-expanding metallic stents, Surgical bypass INTRODUCTION Bile duct stricture is a challenging clinical condition that requires a coordinated multidisciplinary approach involving gastroenterologists, radiologists, and surgical ...

**Cited by:** 9      **Author:** Jason Roque, Shiaw-Hooi Ho, Khean-Le...  
**Publish Year:** 2015

### [Malignant biliary obstruction: From palliation to treatment](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4909451>

Jun 15, 2016 · Relief of **biliary** obstruction is recommended in either setting. Treatment of **distal malignant biliary** obstruction from pancreatic cancer is typically managed by an endoscopically placed single **biliary** prosthesis, whereas hilar **strictures** can be more challenging to manage due to the need to access the left and right systems of the **biliary** tree.

**Cited by:** 22      **Author:** Brian R Boulay, Aleksandr Birg  
**Publish Year:** 2016

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