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Retrospective Study

2 New anti-reflux plastic stent to reduce the risk of stent-related cholangitis in the treatment of biliary strictures

Xiang-Lei Yuan, Lian-Song Ye, Xian-Hui Zeng, Qing-Hua Tan, Yi Mou, Wei Liu, Chun-Cheng Wu, Hang Yang, Bing Hu

Abstract

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Abstract. Endoscopic **biliary stenting** is today the most common palliative **treatment** for patients suffering from **obstructive jaundice** associated with **malignant** hepatobiliary tumors or **benign strictures**. However, **recurrent jaundice**, with or without **cholangitis**, is a major complication of a biliary endoprosthesis insertion.

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Abstract. Endoscopic **biliary** stenting is today the most common palliative **treatment** for patients suffering from obstructive jaundice associated with malignant hepatobiliary tumors or benign **strictures**. However, recurrent jaundice, with or without **cholangitis**, is a major complication of a **biliary** ...

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Since the late 1970s, when this surgical procedure was first introduced, 1 endoscopic and percutaneous insertion of **biliary stents** has provided effective relief in obstructive diseases of the **biliary** tract. It is presently considered the **treatment** of choice for unresectable malignant hepatobiliary tract obstructions and the minimally invasive **treatment** of **strictures** of the **biliary** duct.

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May 01, 2007 · Placing **plastic biliary stents** (PBS) across **bile-duct strictures** is an established endoscopic method for relieving **biliary** obstruction. However, because these stents occlude within a few months of placement, those patients requiring long-term **stent** placement have to undergo several reinterventions to avoid life-threatening complications, eg, **cholangitis**.

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Author: Kulwinder S. Dua, Nageshwar D. Reddy, Ve...

Publish Year: 2007

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Metal stents (self-expandable **metal stents** [SEMSs]) have therefore replaced **plastic stents**, especially for malignant **biliary strictures**. SEMS are at least 10 times more expensive than plastic...

Xianglei YUAN | Medical student | Sichuan University ...

<https://www.researchgate.net/profile/Xianglei-Yuan>

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Because **biliary** drainage through **plastic stents** may require more re-interventions than drainage through SEMSs, the risk of **cholangitis** can be increased when **plastic stents** are placed.