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## The Effects of Different Preoperative Biliary Drainage ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4554051>

Through individual analyses of different PBD methods, our study answered 2 of them: biliary drainage with PTBD is **necessary for extrahepatic bile duct cancer patients following pancreaticoduodenectomy and is the most appropriate drainage method.**

Cited by: 9

Author: Xin Huang, Bin Liang, Xiang-Qian Zhao, F...

Publish Year: 2015

## Effect of Bile Contamination on Immediate Outcomes after ...

<https://www.sciencedirect.com/science/article/pii/S1072751505014353>

In patients undergoing PD, bile infection is related to previous **interventional biliary endoscopy in 80% of patients and is associated with an increased rate of postoperative infections.** During PD for ampullary carcinoma or after interventional biliary endoscopy, a ...

## Dual-center randomized clinical trial exploring the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6236101>

**Preoperative** biliary drainage (PBD) is widely carried out for relieving biliary obstruction, but it is known to cause bile contamination in approximately 80% of patients. 4, 5 However, **PBD** is still considered indispensable before major hepatobiliary and pancreatic surgeries, as several previous retrospective studies have reported that it **reduced morbidity and mortality after PD through improving liver function...**

## The case against preoperative biliary drainage with ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2020763>

The **majority of patients with periampullary malignancies currently undergo biliary drainage before pancreaticoduodenectomy.** Placement of an endoprosthesis reliably ameliorates jaundice and pruritus. However, preoperative biliary drainage leads to bile colonization and increases the risk of postoperative wound infection after pancreatic resection.



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

**Manuscript NO:** 51625

**Manuscript Type:** ORIGINAL ARTICLE

### *Retrospective Study*

**Influence of bile contamination for patients who undergo pancreaticoduodenectomy after biliary drainage**

Okano K *et. al.* Influence of bile contamination after pancreaticoduodenectomy

Keiichi Okano, Yasuyuki Suzuki

### **Abstract**

#### BACKGROUND

The influence of bile contamination on the infectious complications of patients undergoing pancreaticoduodenectomy (PD) has not been thoroughly evaluated.

#### AIM

To evaluate the effect of preoperative biliary drainage and bile contamination on the outcomes of patients who undergo PD.

#### METHODS

### Match Overview

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## The Effects of Different Preoperative Biliary Drainage ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4554051>

Long-term PBD could cause an extensive inflammatory reaction in the bile duct wall with increasing possibility of bacterial colonization of the biliary tree. 28 Son et al reported that PBD duration <2 weeks, which was associated with lower rate of preoperative drainage-related complications, was more appropriate in severely jaundiced patients with **periampullary cancer**. 29 However, the ...

Cited by: 9

Author: Xin Huang, Bin Liang, Xiang-Qian Zhao, F...

Publish Year: 2015

## Effect of Bile Contamination on Immediate Outcomes after ...

<https://www.sciencedirect.com/science/article/pii/S1072751505014353>

Preoperative endoscopic biliary procedures are widespread in the management of periampullary tumors. But the influence of endoscopic procedures on the outcomes of PD remains controversial. In 1999, Povovski and colleagues<sup>6</sup> reported a higher rate of infectious complications in patients with preoperative biliary drainage.

## Complications of pancreaticoduodenectomy after ...

<https://www.sciencedirect.com/science/article/pii/S1590865804000969>

The aim of this study was to analyse complications related to endoscopic biliary stents (EBS) and the impact of prosthetic biliary drainage on postoperative morbidity and mortality of pancreaticoduodenectomy in **patients who undergo neoadjuvant chemoradiation prior to resection for their periampullary neoplasms**.

Cited by: 21

Author: Henning Gerke, R. White, M. F. Byrne, H...

Publish Year: 2004

## Perioperative Antibiotics Covering Bile Contamination ...

<https://www.semanticscholar.org/paper/Perioperative-Antibiotics-Covering-Bile-Prevent...>

BackgroundAlthough bile contamination caused by preoperative biliary drainage (PBD) is a risk factor for infectious complications after **pancreatoduodenectomy**, the appropriate perioperative antibiotic regimen remains unclear.

## Bile cultures: A guide to infectious complications after ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/jso.21612>

Neither preoperative biliary stenting (incidence of complication: 54% with stent vs. 51% without,  $P =$