

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 57608

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Older age, longer procedures and tandem endoscopic-ultrasound as ¹⁰ risk factors for post-endoscopic retrograde cholangiopancreatography bacteremia

Deutsch L *et al.* ¹ Novel risk factors for post-ERCP bacteremia

¹ Liat Deutsch, Shay Matalon, Adam Phillips, Moshe Leshno, Oren Shibolet, Erwin Santo

Abstract

BACKGROUND

Clinically significant post-endoscopic retrograde cholangiopancreatography (ERCP) ¹ bacteremia (PEB) occurs in up to 5% of cases, while ¹ antibiotic prophylaxis is recommended only when an ERCP is unlikely to achieve complete biliary drainage.

Match Overview

Rank	Source	Similarity
1	Crossref 222 words Mlynarsky, Liat, Adam Phillips, Alaa Melhem, and Erwin Santo. "Mo1414 Novel Risk Factors for Post - ERCP Bacte	5%
2	Internet 103 words crawled on 14-Jun-2020 www.wjgnet.com	2%
3	Crossref 42 words Levy, M.J.. "Prospective Study of Bacteremia and Complications With EUS FNA of Rectal and Perirectal Lesions",	1%
4	Crossref 41 words Greger Olsson, Urban Arnelo, Lars Lundell, Gunnar Persson, Björn Tornqvist, Lars Enochsson. "The role of antibioti	1%
5	Crossref 25 words Inbal Houri, Noya Horowitz, Helena Katchman, Yael Weksler, Ofer Miller, Liat Deutsch, Oren Shibolet. "Emergency	1%
6	Crossref 24 words M. Goto. "Risk stratification for progression of IgA nephropathy using a decision tree induction algorithm", <i>Nephrolo</i>	1%
7	Crossref 22 words "Endotherapy in Biliopancreatic Diseases: ERCP Meets EUS", Springer Science and Business Media LLC, 2020	1%
8	Crossref 17 words Vinay Chandrasekhara, Mouen A. Khashab, V. Ramanathan, Ruben D. Acosta et al. "Adverse events associ	<1%



ALL

IMAGES

VIDEOS

5,700 Results

Any time ▾

Prevention and Management of Post-Endoscopic Retrograde ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3429758>

Aug 22, 2012 · **Risk factors** for cholangitis after ERCP and sphincterotomy consist primarily of failed or incomplete biliary drainage²⁻⁹ and use of combined **percutaneous-endoscopic procedures**.⁴ Other **risk factors** may include jaundice especially if due to malignancy, and operator inexperience.⁴ Several studies have shown that prophylactic antibiotics can reduce the rate of ...

Cited by: 26

Author: Michel Kahaleh, Martin Freeman

Publish Year: 2012

Complications of ERCP - Cancer Therapy Advisor

<https://www.cancertherapyadvisor.com/home/decision-support-in-medicine/...> ▾

Older age (>55 years), obesity (BMI >30), organ failure at admission, and **pleural effusion (s)** and /or infiltrates are **risk factors** for severity. Patients with these **risk factors** should be...

Risks of Endoscopic Retrograde Cholangiopancreatography ...

<https://www.sciencedirect.com/science/article/pii/S1096288307000496>

Jan 01, 2008 · **Patient-Related Risk Factors**. **Younger age** has repeatedly been found to be an independent **risk factor** for the development of post-ERCP pancreatitis.^{1, 4, 8, 10} **Older patients** may be protected because of **age-related** pancreatic atrophy.¹⁸ A history of a previous episode of post-ERCP pancreatitis also has consistently been shown to convey a higher **risk** for the ...

Cited by: 3

Author: Jeremy Rochester

Publish Year: 2008

Risk factor analysis of post-ERCP cholangitis: A single ...

https://www.researchgate.net/publication/322848273_Risk_factor_analysis_of_post-ERCP...

Only two studies have analyzed independent **risk factors for post-ERCP** cholangitis (PEC) in unselected patients [61, 62]. Hilar obstruction, **age** ≥ 60 ...

11,300 Results Any time

Risks of Endoscopic Retrograde Cholangiopancreatography ...

https://www.sciencedirect.com/science/article/pii/S1096288307000496

Jan 01, 2008 · Patient-Related Risk Factors. Younger age has repeatedly been found to be an independent risk factor for the development of post-ERCP pancreatitis. 1, 4, 8, 10 Older patients may be protected because of age-related pancreatic atrophy. 18 A history of a previous episode of post-ERCP pancreatitis also has consistently been shown to convey a higher ...

Cited by: 3 Author: Jeremy Rochester Publish Year: 2008

Endoscopic ultrasound and endoscopic retrograde ...

https://www.sciencedirect.com/science/article/pii/S2444382416300992

Nov 01, 2016 · Endoscopic Ultrasound (EUS) and Endoscopic Retrograde Cholangiopancreatography (ERCP) are advanced endoscopic procedures. The two techniques have similarities and differences. ERCP is older, indications are purely focused on biliopancreatic disorders, and it is mainly a therapeutic intervention procedure.

Cited by: 7 Author: Joan B. Gornals, José Miguel Esteban, Carl... Publish Year: 2016

Minimizing Complications in Endoscopic Retrograde ...

https://www.sciencedirect.com/science/article/pii/S1052515706001590

Jan 01, 2007 · Risk factors for pancreatitis Patient-related risk factors. Younger age has repeatedly been found as an independent risk factor for the development of post-ERCP pancreatitis (see Table 2) ... Older patients may be protected by the presence of age-related pancreatic atrophy.

Cited by: 13 Author: Jeremy S. Rochester, David L. Jaffe Publish Year: 2007

Risk factors for endoscopic retrograde ...

https://www.researchgate.net/publication/26295363_Risk_factors_for_endoscopic...

Factors including age, gender, presentation, nature of the papilla, therapeutic procedures, and the diagnosis were analyzed to predict post-endoscopic retrograde cholangiopancreatography cholangitis.

Prevention and Management of Post-Endoscopic Retrograde ...

europemc.org/articles/PMC3429758

Risk factors for cholangitis after ERCP and sphincterotomy consist primarily of failed or incomplete biliary drainage²⁻⁹ and use of combined percutaneous-endoscopic procedures.⁴ Other risk factors may include jaundice especially if due to malignancy, and operator inexperience.⁴ Several studies have shown that prophylactic antibiotics can reduce ...

Endoscopic Retrograde Cholangiopancreatography (ERCP ...

https://www.researchgate.net/publication/315830692_Endoscopic_Retrograde...

Endoscopic Retrograde Cholangiopancreatography (ERCP) Textbook of Hepatogastroenterology , Part II: Gastroenterology March 2017 In book: Textbook of Hepatogastroenterology , Part II ...

(PDF) TRYAKSH INTERNATIONAL JOURNAL OF MEDICAL AND ...

https://www.researchgate.net/publication/337155110...

PDF | Since 2017, the objective of retrospective studies determined the post-operative (POI) analysis to understand the regress risk-factors i.e. CKD,... | Find, read and cite all the research you ...

(PDF) Endoscopic Retrograde Cholangiopancreatography

https://www.researchgate.net/publication/320850757...

Table 135.3 Risk factors for overall complications of endoscopic retrograde cholangiopancreatography (ERCP) in multivariate analyses. De nite a Maybe b No c

Endoscopy in the Elderly

https://www.researchgate.net/publication/230623658_Endoscopy_in_the_Elderly

8 Although colonoscopy is generally considered safe for elderly patients, advanced age is a risk factor for procedure-related adverse events. 9 More than 1% of people aged ≥80 years are ...

Diagnostic endoscopic ultrasonography: Assessment of ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3442204

Sep 14, 2012 · INTRODUCTION. Endoscopic ultrasonography (EUS) was first introduced in 1980, when teams from the Wolfgang von Goethe University in Frankfurt, Germany[] and the Mayo Clinic in Rochester, United States[2,3] incorporated a rotating mechanical ultrasound scanner or an electronic linear ultrasound array into the tip of side-viewing gastroscopes (Olympus GF-B3; ACMI FX-5), respectively.

Some results are removed in response to a notice of local law requirement. For more information, please see here.

Endoscopic Retrograde Cholangiopancreatography (ERCP)

Diagnostic Technique

An imaging test involving combination of endoscopy and X-rays for examination of the bile ducts and pancreas.

Type: Imaging

Duration: Usually 2-3 hours

Results available: Almost immediate

Is Invasive: Invasive

Conditions it may diagnose

See all (4+)

Bile Duct Cancer

Very rare

Cholangiocarcinoma, also known as bile duct cancer, is a type of cancer that ...

Read more

Gallstones

Very common

A gallstone is a stone formed within the gallbladder out of ...

Read more

Preparation

- Do not consume food, beverage or water before at least 8 hours of the test.
- Inform the doctor if you take any medications or supplements.
- Inform the doctor if you are pregnant.

During the test

- A small pipe with camera called endoscope is passed through the mouth to the stomach.
- Air is then pumped through the endoscope to make the images clearer.
- A catheter is passed in through the mouth to the location of the opening of the ducts of pancreas and bile into the duodenum. Then a dye is injected to visualize the ducts clearly and X-rays are used to examine the ducts.
- If required, further procedures of treatment are also followed.

Risks and complications

Many risks are involved with this procedure like:

- Infection of gall bladder and bile
- Pancreatitis
- Bleeding
- Side effects of the sedatives
- Perforation of the organs or ducts

Analyzing the results

- Normal results are observed when the ducts and other organs function ideally and biopsy results are negative.
- If the biopsy results are positive and other complications are observed, then the results are abnormal.

Data from Focus Medica. Reviewed by a panel of doctors. Learn more

Consult a medical professional for advice

Suggest an edit

Search Tools

Turn off Hover Translation (关闭取词)



Older age, longer procedures and tandem endoscopic-ultrasound a



ALL IMAGES VIDEOS MAPS NEWS SHOPPING

11,500 Results Any time ▾

[Risks of Endoscopic Retrograde Cholangiopancreatography ...](#)

<https://www.sciencedirect.com/science/article/pii/S1096288307000496>

Jan 01, 2008 · Patient-Related **Risk Factors**. Younger **age** has repeatedly been found to be an independent **risk factor** for the development of post-ERCP pancreatitis. 1, 4, 8, 10 **Older** patients may be protected because of **age**-related pancreatic atrophy. 18 A history of a previous episode of post-ERCP pancreatitis also has consistently been shown to convey a higher ...

Cited by: 3 **Author:** Jeremy Rochester

Publish Year: 2008

[Endoscopic ultrasound and endoscopic retrograde ...](#)

<https://www.sciencedirect.com/science/article/pii/S2444382416300992>

Nov 01, 2016 · **Endoscopic Ultrasound (EUS)** and **Endoscopic Retrograde Cholangiopancreatography (ERCP)** are advanced endoscopic **procedures**. The two techniques have similarities and differences. ERCP is **older**, indications are purely focused on biliopancreatic disorders, and it is mainly a therapeutic intervention **procedure**.

Cited by: 7 **Author:** Joan B. Gornals, José Miguel Esteban, C...

Publish Year: 2016

[Minimizing Complications in Endoscopic Retrograde ...](#)

<https://www.sciencedirect.com/science/article/pii/S1052515706001590>

Jan 01, 2007 · **Risk factors** for pancreatitis Patient-related **risk factors**. Younger **age** has repeatedly been found as an independent **risk factor** for the development of post-ERCP pancreatitis (see Table 2) , , . . **Older** patients may be protected by the presence of **age**-related pancreatic atrophy .

Cited by: 13 **Author:** Jeremy S. Rochester, David L. Jaffe

Publish Year: 2007

[Risk factors for endoscopic retrograde ...](#)

https://www.researchgate.net/publication/26295363_Risk_factors_for_endoscopic...

Factors including **age**, gender, presentation, nature of the papilla, therapeutic **procedures**, and the diagnosis were analyzed to predict **post-endoscopic retrograde cholangiopancreatography** ...

[Endoscopic retrograde cholangiopancreatography ...](#)