



Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 57052

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Development of a novel score for the diagnosis of bacterial infection in patients with acute-on-chronic liver failure

Lin S *et al.* Infection score for ACLF

Su Lin, Yan-Yan Yan, Yin-Lian Wu, Ming-Fang Wang, Yue-Yong Zhu, Xiao-Zhong Wang

Match Overview

1

Crossref 38 words

Su Lin, Yanyan Yan, Yinlian Wu, Sven Van Poucke, Mingfang Wang, Yueyong Zhu, Xiaozhong Wang. "Procalcitonin as a bi

2%

2

Internet 14 words

crawled on 28-Feb-2019

www.science.gov

1%



ALL

IMAGES

VIDEOS

453,000 Results

Any time ▼

Acute-on-Chronic Liver Failure

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6189541>

Fernández J, Acevedo J, Wiest R, et al., European Foundation for the Study of Chronic **Liver Failure Bacterial** and fungal **infections** in acute-**on**-chronic **liver failure**: prevalence, characteristics and impact on prognosis. Gut. 2017 DOI: 10.1136/gutjnl-2017-314240. [Google Scholar]

Author: Christian M. Lange, Wolf Otto Bechs... **Publish Year:** 2018

Bacterial and fungal infections in acute-on-chronic liver ...

<https://gut.bmj.com/content/67/10/1870> ▼

Oct 01, 2018 · Patients with ACLF and bacterial infections (either at diagnosis or during follow-up) showed **higher grade of systemic inflammation** at diagnosis of the **syndrome**, worse clinical course (ACLF 2-3 at final assessment: 47% vs 26%; $p < 0.001$) and lower 90-day probability of survival (49% vs 72.5%; $p < 0.001$) than patients with ACLF without infection.

Cited by: 124 **Author:** Javier J.M. Fernández, Juan Acevedo, R...

Publish Year: 2018

Chronic liver failure-consortium acute-on-chronic liver ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5537190>

Jul 28, 2017 · Core tip: The present study demonstrated that chronic **liver failure**-consortium (CLIF-C) acute-**on**-chronic **liver failure score** (ACLF) is the best available **score** for the prediction of 28-d mortality among **patients** with ACLF, but it was unable to determine the same regarding 90-d mortality. On the other hand, while this study also demonstrated that CLIF-C acute ...

Cited by: 6 **Author:** Rafael Veiga Picon, Franciele Sabadin B...

Publish Year: 2017

Infections complicating cirrhosis - Piano - 2018 - Liver ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/liv.13645>

Empirical antibiotic treatment should be initiated as soon as possible after the diagnosis of a bacterial infection. 5-10 Any delay in the administration of an effective antibiotic treatment is



Development of a novel score for the diagnosis of bacterial infecti



ALL

IMAGES

VIDEOS

459,000 Results

Any time ▼

Acute-on-Chronic Liver Failure - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6189541>

However, potential factors that may support antibiotic use in the absence of clinical, microbiological or imaging signs of infection are: the **progression of ACLF (development of novel organ failures)**, **the dynamics of systemic inflammation (sudden increase in white blood cells, acute-phase proteins, or PCT)**, **excessive immune responses (disproportionally high biomarkers)**, and vasopressor use for **septic shock**.

Author: Christian M Lange, Wolf Otto Bechst... **Publish Year:** 2018

Bacterial and fungal infections in acute-on-chronic liver ...

<https://gut.bmj.com/content/67/10/1870> ▼

Oct 01, 2018 · **Acute-on-chronic liver failure (ACLF) in cirrhosis** is a syndrome characterised by acute decompensation (AD), organ failure(s) and high short-term mortality.¹ Bacterial infection is the most frequent trigger of ACLF in Western countries.^{1–3}

Cited by: 132 **Author:** Javier J.M. Fernández, Juan Acevedo, R...

Publish Year: 2018

Acute-on-Chronic Liver Failure

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4411558>

Although often discussed as compensated vs. decompensated cirrhosis, **quantitation of liver dysfunction** was first reasonably accurately accomplished by the Child-Turcotte-Pugh (CTP) score and is now accomplished in a more granular manner by the Model for **End-Stage Liver Disease (MELD) score**.^{7, 8} However, when a cirrhotic patient experiences an acute event, such as an ...

Cited by: 15 **Author:** Sumeet K. Asrani, Jacqueline G. O'Leary

Publish Year: 2014

Acute-on-chronic liver failure: an update | Gut

<https://gut.bmj.com/content/66/3/541> ▼



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

462,000 Results

Any time ▼

Acute-on-Chronic Liver Failure - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6189541>

Fernández J, Acevedo J, Wiest R, et al., European Foundation for the Study of Chronic **Liver Failure**
Bacterial and fungal infections in **acute-on-chronic liver failure**: prevalence, characteristics and impact
on prognosis. Gut. 2017 DOI: 10.1136/gutjnl-2017-314240. [Google Scholar]

Author: Christian M Lange, Wolf Otto Bechstei... **Publish Year:** 2018

Bacterial and fungal infections in acute-on-chronic liver ...

<https://gut.bmj.com/content/67/10/1870> ▼

Oct 01, 2018 · Introduction. **Acute-on-chronic liver failure** (ACLF) in cirrhosis is a syndrome characterised by acute decompensation (AD), organ **failure**(s) and high short-term mortality.¹ **Bacterial infection** is the most frequent trigger of ACLF in Western countries.^{1–3} **Patients** with decompensated cirrhosis present chronic systemic inflammation due to intestinal dysbiosis, loss of integrity of the ...

Cited by: 134 **Author:** Javier J.M. Fernández, Juan Acevedo, R...

Publish Year: 2018

Acute-on-Chronic Liver Failure

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4411558>

Physiology of **Acute-on-Chronic Liver Failure**. Borrowing from the sepsis literature, Jalan and colleagues parsed the pathophysiological basis of ACLF into a 4-part model: 1) predisposition, 2) injury due to precipitating event, 3) response to injury, and 4) organ **failure**. 4–6, 13, 14 In their model, predisposition refers to underlying cirrhosis and concomitant illnesses.

Cited by: 15 **Author:** Sumeet K. Asrani, Jacqueline G. O'Leary

Publish Year: 2014

Acute-on-chronic liver failure: an update | Gut

<https://gut.bmj.com/content/66/3/541> ▼

Mar 01, 2017 · **Acute-on-chronic liver failure** (ACLF) is a syndrome characterised by acute decompensation of chronic **liver** disease associated with organ failures and high short-term mortality. Alcohol and chronic viral hepatitis are the most common underlying **liver** diseases. Up to 40%–50% of the cases of ACLF have no identifiable trigger; in the remaining **patients**, sepsis, active alcoholism ...

Cited by: 230 **Author:** Ruben Hernaez, Elsa Solà, Richard More...

Publish Year: 2017