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## Hepatic venous pressure gradient measurement: time to learn! - NCBI

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作者: A Kumar - 2008 - 被引用次数: 57 - [相关文章](#)

The development of **cirrhosis** of the liver is characterized by clinical ... Thus, WHVP reflects hepatic **sinusoidal pressure** and not the portal **pressure** itself. In the ...

缺少字词: [hypothesis](#) [arterialization](#)

## Cirrhosis - Tufts University

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Thus, the  $\Delta P$  **does** not change despite an increase in Q because the R is reduced. ... Patients with **cirrhosis** have an increase in resistance to blood flow through the ... This wedged hepatic vein **pressure** (WHVP) is the **sinusoidal pressure** and in .... See table below for the various **causes** of non-portal hypertensive ascites ...

缺少字词: [hypothesis](#) [arterialization](#)

## [PDF] Online programme - EASL

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2016年6月1日 - The **role** of genetic/epigenetic factors and the immune system, and the reversibility of fibrosis ..... **Does** elevated **sinusoidal pressure** **cause** liver **cirrhosis**? The **sinusoidal pressure hypothesis** and **role** of **arterialization**. MP-140 ...

## [PDF] Portal Hypertension: Introduction - Johns Hopkins Medicine

[www.hopkinsmedicine.org/gastroenterology.../portal\\_hypertension.pdf](http://www.hopkinsmedicine.org/gastroenterology.../portal_hypertension.pdf) ▾ [翻译此页](#)

channels are smooth, but liver **cirrhosis can cause** them to become irregular and ... is hepatic vein occlusion resulting in high **sinusoidal pressure** and extracellular ... play a **role** in stimulating endothelial



Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 29075

Manuscript Type: FIELD OF VISION

Does pressure cause liver cirrhosis? The sinusoidal pressure hypothesis

Mueller S. Sinusoidal pressure hypothesis of liver cirrhosis

Sebastian Mueller

**Abstract**

Independent of their etiology, all chronic liver diseases ultimately lead to liver cirrhosis, which is a major health problem worldwide. The underlying molecular mechanisms are still poorly understood and no efficient treatment strategies are available. This paper introduces the sinusoidal pressure hypothesis (SPH), which identifies an elevated sinusoidal pressure (SP) as cause of fibrosis. SPH has been mainly derived from recent studies on liver stiffness. So far, pressure changes have

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### Liver stiffness - Sebastian Mueller, MD, PhD

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The sinusoidal pressure hypothesis to explain liver cirrhosis and the role of arterialization. 4. ... Our group has extensively studied factors other than fibrosis that affect liver ... In addition, we could recently show that liver stiffness can also be ...

### cirrhotic ascites - USMLE Forum

[www.usmleforum.com/files/forum/2007/2/184330.php](http://www.usmleforum.com/files/forum/2007/2/184330.php) ▾ 翻译此页

2007年5月7日 - 9 个帖子 - 1 个作者

Decrease oncotic pressure and secondary hyperaldosteronism are ... alcoholic use, which can cause early change in fibrosis of the liver, ... The classic underfill hypothesis postulates that elevated hepatic sinusoidal pressure ...

### Pathogenesis of ascites in patients with cirrhosis - UpToDate

[www.uptodate.com/contents/pathogenesis-of-ascites-in-patients-with-cirrhosis](http://www.uptodate.com/contents/pathogenesis-of-ascites-in-patients-with-cirrhosis) ▾ 翻译此页

2015年12月16日 - The two older theories of ascites formation, the underfill theory [3] and ... Patients with cirrhosis but without PHT do not develop ascites or edema [7]. ... ascites will usually disappear if portal pressure is reduced below 12 mmHg, eg ... Sinusoidal hypertension appears to be required for fluid retention to occur; ...

### Liver Disease in Children - 第 109 页 - Google 图书结果

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Frederick J. Suchy, Ronald J. Sokol, William F. Balistreri - 2007 - Medical

Patients with cirrhosis and ascites have abnormal renal sodium retention. ... seen in patients





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### Liver stiffness - Sebastian Mueller, MD, PhD

[www.sebmueller.com/Liver%20stiffness/liver\\_stiffness.htm](http://www.sebmueller.com/Liver%20stiffness/liver_stiffness.htm) ▾ 翻译此页

The **sinusoidal pressure hypothesis** to explain **liver cirrhosis** and the role of arterialization. 4. ... Our group has extensively studied factors other than fibrosis that **affect liver** ... In addition, we could recently show that **liver stiffness can** also be ...

### Peculiar characteristics of portal-hepatic hemodynamics of alcoholic ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ 翻译此页

作者: M Bolognesi - 2014 - 被引用次数: 2 - 相关文章

2014年7月7日 - However, in alcoholic **cirrhosis**, some specific features **can** be observed. ... Compared to viral **cirrhosis**, **sinusoidal pressure** is generally higher, **hepatic venous** ... circulation **caused** by NO and other vasodilating systems[17-20]. .... The nitric oxide **hypothesis** and the hyperdynamic circulation in **cirrhosis**.

### Liver Disease in Children - 第 109 页 - Google 图书结果

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Frederick J. Suchy, Ronald J. Sokol, William F. Balistreri - 2007 - Medical

Patients with **cirrhosis** and ascites have abnormal renal sodium retention. ... seen in patients with **cirrhosis** and **can** have prognostic importance[149]. ... in the "underfilling" **hypothesis** is increased **hepatic sinusoidal pressure**, which leads to a ... Increased **sinusoidal pressure** also leads to increased formation of **hepatic lymph**, ...

### Physiopathology of splanchnic vasodilation in portal hypertension

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: M Martell - 2010 - 被引用次数: 58 - 相关文章

2010年6月27日 - **Liver cirrhosis** is the most frequent **cause** of portal hypertension in western countries. ... The effect of ETA antagonists in reducing portal **pressure** of cirrhotic rats remains ..... This splanchnic resistance to vasoconstrictor agents **can** be attributed to .... **Hypothesis** regarding the mechanisms and effects of the ...