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**Liver cirrhosis and left ventricle diastolic dysfunction: Systematic review**

Stundiene I *et al.* Liver cirrhosis and LVDD

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**Abstract**

**BACKGROUND**

Liver cirrhosis is a chronic hepatic disease which is associated with cardiovascular abnormalities. Hyperdynamic circulation in liver cirrhosis causes functional and structural cardiac alterations. The prevalence of left ventricle diastolic dysfunction (LVDD) in cirrhotic patients ranges from 25.7% to as high as 81.4% as reported in different studies. In several studies the severity of diastolic dysfunction (DD) correlated with a degree of liver failure and the rate of dysfunction was higher in patients with decompensated cirrhosis compared with compensated. Future directions of comprehensive assessment of cardiac function in cirrhotic patients might provide a better prognosis for these patients.

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### systematic review of resting left ventricular systolic and diastolic ...

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2012. 9. 5. - A systematic review of resting left ventricular systolic and diastolic function and ... 2012 to find literature on the effect of weightlifting on the LV cardiac function. ... Many were free of any known cardiovascular disease or risk ...

### Prevalence of left ventricular diastolic dysfunction in the community ...

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Jun 01, 2014 · Diastolic dysfunction, with an impaired passive and active filling of the **left ventricle** during diastole, leads to an inability to adequately increase stroke volume in response to stimuli, and may be responsible for the development of **heart failure**. Thus, **diastolic** dysfunction may precede systolic dysfunction in **cirrhosis**, and may be ...

### [Diastolic dysfunction in cirrhosis | SpringerLink](https://link.springer.com/article/10.1007/s10741-016-9552-9)

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Apr 13, 2016 · Abstract. Development of esophageal varices, ascites, and hepatic nephropathy is among the major complications of **cirrhosis**. The presence of cirrhotic cardiomyopathy, which includes a **left ventricular diastolic** dysfunction (DD), seems to deteriorate the course of the disease and the prognosis.

Cited by: 6 Author: Søren Møller, Signe Wiese, Hanne Halgr...

Publish Year: 2016

### [Diastolic Dysfunction in Liver Cirrhosis: Prognostic ...](https://www.sciencedirect.com/science/article/pii/S0041134516000117)

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**Left ventricular diastolic** dysfunction (DD) seems to be the first manifestation of CC, because it usually appears before the features of systolic dysfunction . The prevalence of DD in cirrhotic patients is ~40% and is not related to the etiology and stage of **liver** disease, although its severity correlates with the degree of **liver** failure

Cited by: 10 Author: F Carneiro, C Rodrigues, T Adrego, Js...

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Development of esophageal varices, ascites, and hepatic nephropathy is among the major complications of **cirrhosis**. The presence of cirrhotic cardiomyopathy, which includes a **left ventricular diastolic** dysfunction (DD), seems to deteriorate the course of the disease and the prognosis. Increased stiffness of the cirrhotic heart may decrease the compliance and result in DD.

### [Correlates of diastolic function in patients with ...](https://www.researchgate.net/publication/326490086_Correlates_of_diastolic_function_in_heart_failure_A_systematic_review)

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**heart failure: A systematic review**. ... Unlabelled: We investigated **left ventricular diastolic** dysfunction (LVDD) and its relationship with circulatory function and prognosis in **cirrhosis** with ...