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Hepatorenal syndrome

Life-Threatening Medical Condition



Treatment

Prognosis

Pathophysiology

Diagnosis

Cause



TREATMENT Approach to therapy The ideal therapy for hepatorenal syndrome is improvement of liver function from recovery of alcoholic hepatitis, treatment of decompensated hepatitis B with effective antiviral therapy, recovery from acute hepatic failure, or liver transplantation [38-40]. The ability of liver function to improve with abstinence from alcohol and effective antiviral therapy of hepatitis B is remarkable. (See 'Improving hepatic function' below.) However, when improvement of liver function is n...

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Patients with HRS should be evaluated for liver transplantation, at a liver transplant center if possible. This may be more applicable for patients with type 2 HRS, who have a longer survival time, as opposed to patients with type 1 HRS, whose survival is extremely short and who may require alternative therapeutic methods (eg, TIPS, vasoconstrictors) as a bridge to transplantation.

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Hepatorenal Syndrome — American Liver Foundation

<https://liverfoundation.org/.../hepatorenal-syndrome> ▾

Hepatorenal Syndrome (HRS) is a life-threatening condition that affects kidney function in people with advanced liver disease. HRS is most common in people with advanced cirrhosis (or scarring of the liver) and ascites, an abnormal buildup of fluid in the abdomen that is often related to liver disease.

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[LIVER-KIDNEY LIVER CROSSTALK: AN UPDATE ON THE](#)

Name of Journal: *World Journal of Hepatology*

Manuscript NO: 64599

Manuscript Type: MINIREVIEWS

Hepatorenal syndrome

Hepatorenal syndrome

Abstract

The dying liver causes suffocation of the kidneys - a simplified way of describing the pathophysiology of hepatorenal syndrome (HRS). HRS is characterized by reversible functional renal impairment due to reduced blood supply and glomerular filtration rate secondary to increased vasodilators. Over the years, HRS has gained much attention and focus among hepatologists and nephrologists. HRS is a diagnosis of exclusion, and in some cases, it carries a poor prognosis. Different classifications have emerged to better understand, diagnose, and promptly treat this condition to the utmost. This

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[PDF] KIDNEY-LIVER CROSS-TALK: AN UPDATE ON THE ...

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KIDNEY-LIVER CROSS-TALK: AN UPDATE ON THE HEPATORENAL SYNDROME Program Description and Objectives Patients with end-stage liver disease commonly develop AKI. Within the spectrum of AKI, the most severe form associated with liver disease is the **hepatorenal syndrome**. ...

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<https://pubmed.ncbi.nlm.nih.gov/23685679>

The concept of **hepatorenal syndrome** is well recognized, although incompletely understood. The converse clinical problem of **hepatic dysfunction** in patients with acute **kidney injury** (AKI) is less well recognized yet may be a contributor to the high patient morbidity and mortality seen in this group. This review draws together the available evidence for AKI's effect on the **liver** from animal models, ...