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Restructuring of the vascular bed in response to hemodynamic disturbances  
in portal hypertension

Garbuzenko DV *et al.* Restructuring of vascular bed in portal hypertension

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Vladimirovich Belov

#### Abstract

In recent years, defined progress has been made in understanding the mechanisms of hemodynamic disturbances occurring in liver cirrhosis, which are based on portal hypertension. In addition to pathophysiological disorders

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MY Kim, SK Baik, SS Lee - The Korean journal of ... , 2010 - synapse.koreamed.org

... can be influenced by changes in resistance and flow in the hepatic **vasculature**. ... **vascular** channel are implicated in endothelial-based signals that mediate **restructuring** of the ... lead to abnormalities of the cardiovascular system and several regional **vascular beds** including ones ...

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Y Iwakiri - Clinics in liver disease, 2014 - Elsevier

... The junctions of the opposing endothelial cells are **restructured**, and the growth of the ... pressure is thought to be detected first by the intestinal microcircular **vascular bed**, followed by ... Because of the anatomically close location and the connection through the **vascular** system, the ...


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... **Bed** rest is advisable for patients with a large amount of ascites because an ... The hepatopulmonary syndrome is characterized by pulmonary **vascular** dilatation and hypoxemia (Pa o 2 ... for a liver transplant, a continuous need exists for improving and **restructuring** the therapeutic ...

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also contribute to the hemodynamic disturbances.<sup>25</sup> Bac- teremia can increase ... severe vasoconstriction in other vascular beds, eg, the kidneys, brain, muscle, and ... response to the vasodilation, and increased renal vaso- constriction.<sup>52</sup> ...

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Hemodynamic effects of glucagon in portal hypertension. ... p less than 0.01) and showed blunted hemodynamic responses after glucagon administration. ... in cirrhosis may thus be caused by a down-regulation of vascular glucagon receptors.

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Splanchnic and/or systemic responses to portal hypertension could have ... Disturbances in organ blood