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Vitamin D Deficiency in Cirrhosis

ScienceDaily (Mar. 16, 2011) — Vitamin D deficiency is a well reported complication in chronic cholestatic liver disease such as primary biliary cirrhosis. While the prevalence and treatment of this deficiency has been addressed in many articles over the last decades, little is known of the vitamin D status in alcoholic liver cirrhosis.

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A research article published on February 21, 2011 in the *World Journal of Gastroenterology* addresses this question. The authors described the serum vitamin D status in a retrospective case series of patients with alcoholic liver cirrhosis compared to those with primary biliary cirrhosis.

The study showed that vitamin D deficiency is more frequent and severe in patients with alcoholic liver cirrhosis than in patients with primary biliary cirrhosis. Furthermore, it indicated that the degree of liver dysfunction, rather than the aetiology of cirrhosis, dictates the risk of

vitamin D deficiency.

This study emphasizes the importance of monitoring vitamin D levels in all patients with cirrhosis. However, further studies are needed to find the most favourable form of vitamin D supplementation for these patients.

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The above story is reprinted (with editorial adaptations by *ScienceDaily* staff) from materials provided by **World Journal of Gastroenterology**, via **EurekaAlert!**, a service of AAAS.

Journal Reference:

1. Malham M, Jørgensen SP, Ott P, Agnholt J, Vilstrup H, Borre M, Dahlerup JF. **Vitamin D deficiency in cirrhosis relates to liver dysfunction rather than aetiology.** *World Journal of Gastroenterology*, 2011; 17 (7): 922 DOI: [10.3748/wjg.v17.i7.922](https://doi.org/10.3748/wjg.v17.i7.922)

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- APA World Journal of Gastroenterology (2011, March 16). Vitamin D deficiency in cirrhosis. *ScienceDaily*. Retrieved May 18, 2011, from <http://www.sciencedaily.com/releases/2011/03/110315103547.htm>
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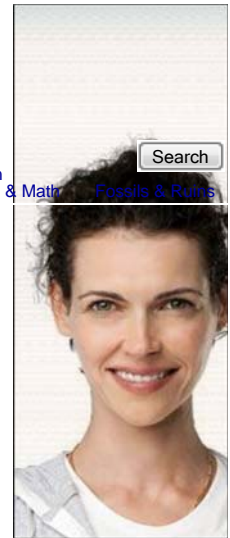
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