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**Manuscript NO:** 50861

**Manuscript Type:** REVIEW

**Severe liver injury due to herbal and dietary supplements and the role of liver transplantation**

Grewal P *et al.* HDS Liver Injury

Priya Grewal, Jawad Ahmad

### Abstract

Herbal and dietary supplements (HDS) are increasingly used worldwide for numerous, mainly unproven health benefits. The HDS industry is poorly regulated compared to prescription medicines and most products are easily obtainable. Drug induced liver injury (DILI) is a well-recognized entity associated with prescription and over the counter

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## Liver injury from herbal and dietary supplements - Navarro ...

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Sep 27, 2016 · This summary is based upon the research **symposium Liver Injury From Herbal and Dietary Supplements**, held May 4-5, 2015, in Bethesda, MD, which was funded by the National Institute of **Diabetes** and Digestive and **Kidney Diseases**, National Institutes of Health (NIH), in collaboration with the American Association for the Study of **Liver Diseases** with support from the Office of **Dietary Supplements**...

Cited by: 105

Author: Victor J. Navarro, Ikhlas Khan, Einar Björn...

Publish Year: 2017

## Liver Injury from Herbal, Dietary, and Weight Loss ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4548352>

Jun 28, 2015 · **Herbal and dietary supplement** usage has increased steadily over the past several years in the United States. Among the **non-bodybuilding herbal and dietary supplements**, **weight loss supplements** were among the most common type of HDS implicated in **liver injury**. While **drug induced liver injury** is rare, its consequences are significant and on the rise.

Cited by: 19

Author: Elizabeth X. Zheng, Victor J. Navarro

Publish Year: 2015

## The Contents of Herbal and Dietary Supplements Implicated ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6545864>

Apr 03, 2019 · Hepatotoxicity from HDS is being recognized more and more. 4 In the US **Drug Induced Liver Injury** Network (DILIN) prospective study, products used as appearance and performance-enhancing (APE) **supplements** are the most common **subclass of HDS leading to liver injury**. Patients with **hepatotoxicity from weight loss** and other non-APE products can also sustain **severe liver injury**.

## Hepatotoxicity SIG: Herbal and Dietary Supplement Induced ...

<https://liverlearning.aasld.org/products/hepatotoxicity-sig-defining-the-future> ▾



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## Liver Injury from Herbal and Dietary Supplements: An ... [翻译此页](#)

Author: Victor Navarro Publish Year: 2019

Liver Transplantation; Non-Alcoholic Fatty Liver Disease ... Hepatotoxicity is a form of liver cell injury resulting from multitude of causes, including drugs, toxins, herbal and dietary supplements (HDSs), and other agents. ... instances of injury continue to occur. Severe liver injury due to HDSs is a well-documented phenomenon. In the ...

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## Liver injury from herbal and dietary supplements - ... [翻译此页](#)

Cited by: 105 Author: Victor J. Navarro, Ikhlas Khan, Einar Björn...

Publish Year: 2017

This summary is based upon the research symposium Liver Injury From Herbal and Dietary Supplements, held May 4-5, 2015, in Bethesda, MD, which was funded by the National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health (NIH), in collaboration with the American Association for the Study of Liver Diseases ...

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## Liver injury from herbal and dietary supplements [翻译此页](#)

Liver injury from herbal and dietary supplements Article in DMW - Deutsche Medizinische Wochenschrift 140(12):908-911 - June 2015 with 20 Reads How we measure 'reads'

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## Liver Injury Due to Herbal and Dietary Supplements: A ...

Cited by: 1 Author: Elizabeth Zheng, Victor Navarro

Publish Year: 2016

Liver Injury Due to Herbal and Dietary Supplements: A Review of Individual Ingredients Elizabeth Zheng, M.D., and Victor Navarro, M.D. Diagnosing liver injury caused by herbal and dietary supplements (HDS) and establishing causality is challenging. These topics are discussed and reviewed in an accompanying article within this current ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/pdf/10.1002/cld.541>

## The Contents of Herbal and Dietary Supplements ... [翻译此页](#)

位置: 8600 Rockville Pike, Bethesda, MD

2019-4-3 · The U.S. Drug Induced Liver Injury Network assayed the contents of herbal and dietary supplements collected from patients enrolled into its prospective study. The aim was to determine the accuracy of product labels, and to identify known hepatotoxins. Using high-performance liquid chromatography ...

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