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Management of nonalcoholic fatty liver disease in the Middle East

Faisal M Sanai, Faisal Abaalkhail, Fuad Hasan, Muhammad Hamed Farooqi,  
Nawal Al Nahdi, Zobair M Younossi

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logically into **nonalcoholic fatty liver (NAFL)** or **non-alcoholic steatohepatitis (NASH)**; Table 2). **NAFL** is defined as the presence of 5% HS without evidence of hepatocellular injury in the form of hepatocyte ballooning. **NASH** is defined as the presence of 5% HS and inflammation with hepatocyte injury (e.g...

Cited by: 1051

Author: Naga Chalasani, Zobair Younossi, Joel E....

Publish Year: 2018

### Nonalcoholic fatty liver disease | Nature Reviews Disease ...

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Dec 17, 2015 · Nonalcoholic fatty liver disease (NAFLD) is a disorder characterized by excess accumulation of fat in **hepatocytes** (nonalcoholic fatty liver (NAFL)); in up to 40% of individuals, there are additional findings of **portal** and **lobular inflammation** and **hepatocyte injury** (which characterize **nonalcoholic steatohepatitis (NASH)**).

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## The Diagnosis and Management of Nonalcoholic Fatty ...

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Author: Naga Chalasani, Zobair Younossi, Joel E. ...

Publish Year: 2018

The Diagnosis and Management of Nonalcoholic Fatty Liver Disease: Practice Guidance From the American Association for the Study of Liver Diseases Naga Chalasani,1 Zobair Younossi ,2 Joel E. Lavine,3 Michael Charlton,4 Kenneth Cusi,5 Mary Rinella,6 Stephen A. Harrison,7 Elizabeth M. Brunt,8 and Arun J. Sanyal9 Preamble

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## High prevalence of nonalcoholic fatty liver disease in ... [翻译此页](#)

Cited by: 8

Author: Ahad Eshraghian

Publish Year: 2017

To the Editor: I read with interest the recently published study by Younossi and colleagues demonstrating a steady rise in worldwide prevalence of nonalcoholic fatty liver disease (NAFLD). 1 The Middle East has the highest prevalence rate of NAFLD among all other areas of the world. Three studies from Middle Eastern countries were included in this report.





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The Diagnosis and Management of Nonalcoholic Fatty Liver Disease: Practice Guidance From the American Association for the Study of Liver Diseases Naga Chalasani,<sup>1</sup> Zobair Younossi,<sup>2</sup> Joel E. Lavine,<sup>3</sup> Michael Charlton,<sup>4</sup> Kenneth Cusi,<sup>5</sup> Mary Rinella,<sup>6</sup> Stephen A. Harrison,<sup>7</sup> Elizabeth M. Brunt,<sup>8</sup> and Arun J. Sanyal<sup>9</sup> Preamble

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Nov 10, 2016 · High prevalence of nonalcoholic fatty liver disease in the middle east: **Lifestyle and dietary habits** Ahad Eshraghian M.D. Gastroenterohepatology Research Center, Department of Internal Medicine, Shiraz University of Medical Sciences, Shiraz, Iran

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Publish Year: 2017

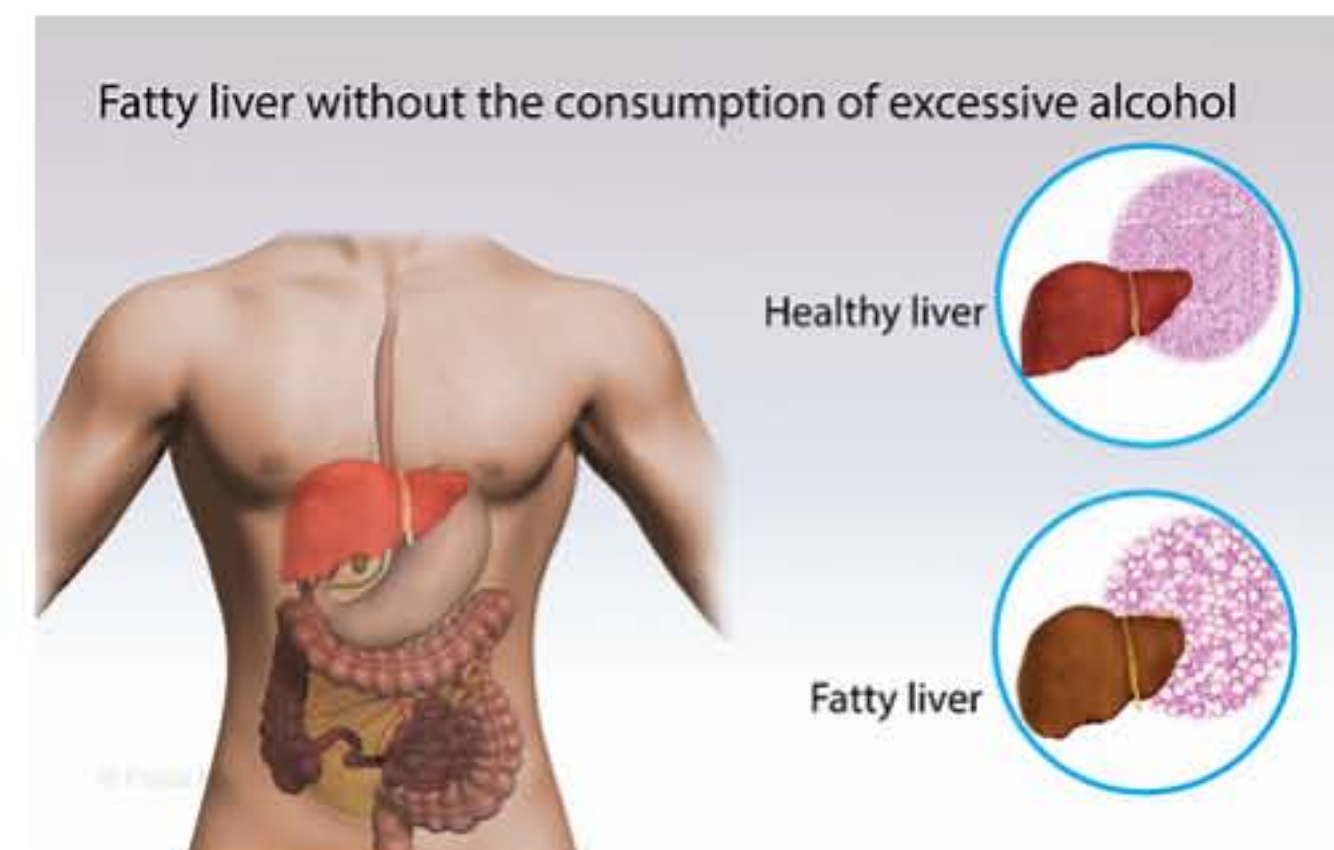
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## Non-Alcoholic Fatty Liver Disease

Medical Condition



A condition in which fat accumulates in the liver in people who drink little or no alcohol.

- Very common (More than 3 million cases per year in US)
- Requires lab test or imaging
- Treatments can help manage condition, no known cure
- Can last several years or be lifelong

The cause of non-alcoholic fatty liver disease is not clearly understood. It is associated with obesity, insulin resistance, hyperglycemia, and high levels of fat in blood. The condition does not usually cause symptoms. In some cases, fatigue, enlarged liver, and pain in the upper right abdomen is seen. Non-alcoholic fatty liver disease has no specific treatment. It involves treating underlying conditions such as obesity.