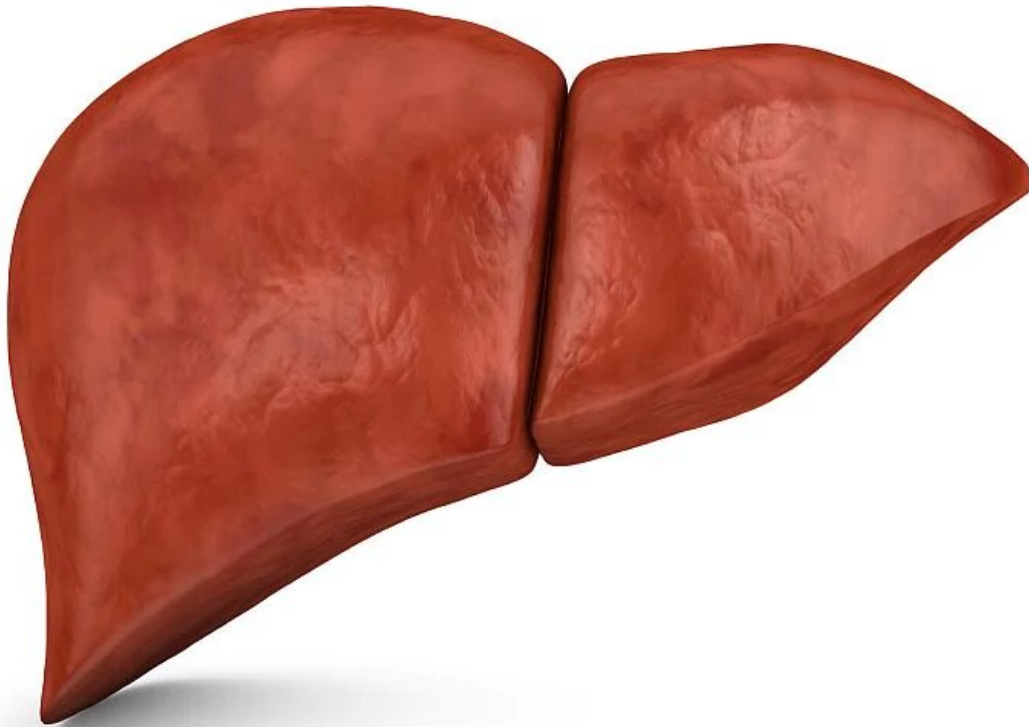


Nonalcoholic steatohepatitis will pose clinical, economic burden

January 15 2020



Nonalcoholic steatohepatitis (NASH) is expected to pose a significant

clinical and economic burden during the next 20 years for U.S. patients with type 2 diabetes mellitus (T2DM), according to a study published online Jan. 6 in *Diabetes Care*.

Zobair M. Younossi, M.D., from Inova Health System in Falls Church, Virginia, and colleagues developed a model to estimate the [economic burden](#) of NASH with T2DM in the United States. The model included the prevalence of T2DM, prevalence and incidence of NASH in 2017, and 10 health states (nonalcoholic fatty liver disease [NAFLD], NASH-fibrosis stages 0 to 3, compensated and decompensated cirrhosis, hepatocellular carcinoma, one-year post-[liver transplant](#), post-liver transplant, and three absorbing mortality states [liver-related, cardiovascular, and background mortality]). The literature and billing codes informed costs for NASH and T2DM.

The researchers estimated there are 18.2 million people in the United States living with T2DM and NAFLD, 6.4 million of whom have NASH. Among patients with NASH, estimated 20-year costs for NAFLD were \$55.8 billion. NASH with T2DM is projected to account for 65,000 transplants, 1.37 million cardiovascular-related deaths, and 812,000 liver-related deaths in the United States during the next 20 years.

"It is critical that clinicians, payers, policy makers, and the pharmaceutical industry not only understand the clinical burden of NASH in patients with T2DM but also their economic and patient-reported outcomes burden," the authors write.

Several authors disclosed financial ties to pharmaceutical companies, including Bristol-Myers Squibb, which partially funded the study.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

Copyright © 2020 [HealthDay](#). All rights reserved.

Citation: Nonalcoholic steatohepatitis will pose clinical, economic burden (2020, January 15)
retrieved 4 May 2024 from

<https://medicalxpress.com/news/2020-01-nonalcoholic-steatohepatitis-pose-clinical-economic.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--