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Retrospective Study

Prevalence and risk factors of steatosis and advanced fibrosis using transient elastography in the United States' adolescent population

Amporn Atsawarungrangkit, Yousef Elfanagely, Jason Pan, Kelsey Anderson, James Scharfen, Kittichai Promrat

BACKGROUND

Non-alcoholic ⁵fatty liver disease (NAFLD) is the leading cause of chronic liver disease

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Feb 01, 2021 · In conclusion, this study shows that **transient elastography-diagnosed S3 steatosis and significant liver fibrosis** are not uncommon in **U.S. adolescents**, affecting 11% and 4.4% of them, respectively, and increasing their **risk of steatohepatitis-related** complications such as cirrhosis, hepatocellular carcinoma, and cardiovascular disease.

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Objective: Type 2 diabetes mellitus (T2DM) is an important **risk** factor for the progression of metabolic liver disease to **advanced fibrosis**. Here, we provide an estimate of the **prevalence of steatosis** and **fibrosis** in U.S. adults with T2DM on the basis of **transient elastography** (TE) and identify **factors** associated with these conditions.

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Dec 02, 2020 · OBJECTIVE Type 2 diabetes mellitus (T2DM) is an important **risk** factor for the progression of metabolic liver disease to **advanced fibrosis**. Here, we provide an estimate of the **prevalence of steatosis** and **fibrosis** in U.S. adults with T2DM on the basis of **transient elastography** (TE) and identify **factors** associated with these conditions. RESEARCH DESIGN AND METHODS This is a ...

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How is transient elastography used to detect liver fibrosis? ▾

When to use transient elastography as a screening tool? ▾

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One in five young people had **steatosis** and one in 40 had **fibrosis** around the age of 24 years. The **risk of fibrosis** appears to be greatest in young adults who have harmful drinking patterns and **steatosis**. A