

Modified Child-Turcotte-Pugh score performs well in decompensated cirrhosis

May 5 2023, by Elana Gotkine



A modified Child-Turcotte-Pugh (aCTP) score based on plasma

ammonia (Amm) replacing hepatic encephalopathy (HE) improves discrimination and calibration of transplant-free survival in patients with decompensated cirrhosis, according to a study published online April 28 in *QJM*.

Xixuan Wang, from the Affiliated Drum Tower Hospital of Nanjing University Medical School in China, and colleagues examined the discrimination and calibration of a new prognostic model based on Amm replacing HE in the CTP score for patients with liver [cirrhosis](#). The new model was based on the cutoff value of Amm-upper limit of normal (ULN) in an observational cohort of 554 patients with clinically stable cirrhosis from January 2012 to July 2019. The model was validated externally using prospective data from 185 patients with [liver cirrhosis](#).

The researchers found a twofold increase in the likelihood of mortality with each 1-point increase in Amm-ULN (hazard ratio, 2.06). Amm-ULN

Citation: Modified Child-Turcotte-Pugh score performs well in decompensated cirrhosis (2023, May 5) retrieved 12 May 2024 from <https://medicalxpress.com/news/2023-05-child-turcotte-pugh-score-decompensated-cirrhosis.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>
--