

Certificate of English Language Editing



Manuscript Title:

Development and Validation of a Nomogram Mainly Based on Liver Stiffness by Two-Dimensional Shear-Wave Elastography and Spleen Area for Predicting Post-hepatectomy Liver Failure: A

Date of Revision:

April 26, 2023

Abstract:

Purpose: This prospective study aimed to investigate the utility of two-dimensional shear-wave elastography (2D-SWE)–assessed liver stiffness (LS) and spleen area (SPA) for the prediction of post-hepatectomy liver failure (PHLF) in hepatocellular carcinoma (HCC) patients and to develop a risk prediction model.

Methods: This multicenter study prospectively analyzed patients undergoing hepatectomy from October 2020 to March 2022. Within one week prior to partial hepatectomy, ultrasound examination was performed to measure LS and SPA, and blood was drawn to evaluate the patients' liver function and other conditions. Least absolute shrinkage and selection operator (LASSO) logistic regression and multivariate logistic regression analysis were applied to identify independent predictors of PHLF and develop a nomogram. The nomogram performance was then validated. The diagnostic performance of the nomogram was evaluated with the receiver operating characteristic curve compared with the conventional models, including the model for end-stage liver disease (MELD) score and albumin–bilirubin (ALBI) score.

Results: A total of 562 HCC patients undergoing hepatectomy (500 in the training cohort and...

This document certifies that the manuscript listed above was copy edited for English language by LetPub, with regard to grammar, punctuation, spelling, and clarity. All of our language editors are native English speakers with long-term experience in editing scientific and technical manuscripts. We are committed to leveling the playing field for researchers whose native language is not English.

- Documents receiving this certification should be regarded as having undergone professional editorial revision for English language before submission. However, the authors may accept or reject LetPub's suggestions and changes at their own discretion and LetPub does not have editorial control over the submitted documents.
- The language quality of the submitted document is the sole responsibility of the submitting authors subject to those authors' adherence to LetPub's revisions and instruction. LetPub's provision of service does not constitute a guarantee or endorsement of the authors' work herein.
- Neither the research content nor the authors' intended meaning were altered in any way during the editing process.
- If you have any questions or concerns about this edited document, please contact us at support@letpub.com



LetPub is an author service brand owned and operated by Accdon LLC. Headquartered in the Boston area, we are a full-spectrum author services company with a large team of US-based certified language and scientific editors, ISO 17001 accredited translators, and professional scientific illustrators and animators. We advocate ethical publication practices and are an official member of the Committee on Publication Ethics (COPE).

For more information about our company, services, and partnership programs, please visit www.letpub.com.

© 2023 Accdon, LLC. All Rights Reserved. Tel: 1-781-202-9968 Email: info@accdon.com Address: 400 Fifth Ave, Suite 530, Waltham, MA 02451, United States