

Liver stiffness and serum markers for excluding high-risk varices in patients who do not meet Baveno VI criteria

Abstract

Background: The Baveno VI criteria for predicting esophageal varices, i.e., liver stiffness measurement (LSM) <20 kPa and platelet (PLT) count >150×10⁹/L identify patients who can safely avoid gastroscopy screening. However, they require further refinement.

Aims: To evaluate the utility of LSM and serum markers of liver fibrosis in ruling out high-risk varices (HRV) in patients who do not meet Baveno VI criteria.

Methods: Data from 132 patients with hepatitis B virus (HBV)-related compensated liver cirrhosis who did not meet the Baveno VI criteria were retrospectively

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Liver stiffness measurement as a predictive tool of ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2036.2008.03825.x>

Liver stiffness measurement (LSM) is a non-invasive method for liver fibrosis assessment. Aims To assess the relationship between LSM and HVPG in patients with compensated cirrhosis related to hepatitis C virus (HCV) or alcohol and to define the performance and the best cut-off of LSM for the diagnosis of PHT in these patients.

Expanding the Baveno VI criteria for the screening of ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.29363>

Patients with compensated advanced chronic liver disease (cACLD) can safely avoid screening endoscopy with a platelet count $>150 \times 10^9$ cells/L and a **liver stiffness measurement (LSM) <20 kPa (Baveno VI criteria)**. However, the total number of avoided endoscopies using this rule is relatively low.

(PDF) A New and Simple Algorithm for the Noninvasive ...

https://www.researchgate.net/publication/50937204_A_New_and_Simple_Algorithm_for_the...

Noninvasive serum liver fibrosis markers and liver stiffness could be used as predictors of **esophageal varices** in cirrhotic patients because **portal hypertension** is related to **liver fibrosis**.

Biomarkers of Liver Fibrosis - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/B9780128000960000020>

Liver fibrosis is the final common pathway for almost all causes of **chronic liver injury**. **Liver fibrosis** is now known to be a dynamic process having significant potential for resolution. Therefore, **fibrosis prediction** is an essential part of the assessment and management of patients with **chronic liver disease**.

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Author: Ki Tae Suk, Dae Yong Kim, Kyoung Min ...

Publish Year: 2013

Determination of reliability criteria for liver stiffness ...

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Aug 16, 2012 · **Determination of reliability criteria for liver stiffness ...** Kwang Cheol Koh and Seung Woon Paik, **Validation of the Baveno VI and the expanded Baveno VI criteria to identify patients who could ...**, **Improved noninvasive prediction of liver fibrosis by liver stiffness measurement in patients with nonalcoholic fatty liver ...**

Published in: **Hepatology** - 2013

Authors: **Jerome Boursier · Jeanpierre Zarski · Victor De Ledinghen · Mariechristine Rousselet**

Affiliation: **University of Angers · French Institute of Health and Medical Research**



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Liver stiffness and serum markers for excluding high-risk varices in patients who dc



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<https://www.ncbi.nlm.nih.gov/pubmed/27388923>

LAY SUMMARY: This study examines the effectiveness of a recent set of guidelines published by the Baveno VI conference, which states that patients with chronic liver disease and a low liver stiffness (<20kPa) and high platelet count (>150) are at low risk of having varices and do not ...

Cited by: 79 Author: James B Maurice, James B Maurice, Edg...

Publish Year: 2016

Performance of Baveno VI and Expanded Baveno VI Criteria ...

https://www.researchgate.net/publication/332970970_Performance_of_Baveno_VI_and...

Platelet count and liver stiffness measurement to exclude high-risk gastroesophageal varices in patients with HCV cirrhosis. A multicentric study

Validation of the Baveno VI criteria to identify low risk ...

<https://www.sciencedirect.com/science/article/pii/S0168827816303166>

Varices are a complication of cirrhosis, confer a risk of serious bleeding, and can be diagnosed and treated by endoscopy. Our study reviewed the clinical records of patients who have had liver stiffness scans and endoscopy over a 9-year period at two hospitals.

Cited by: 79 Author: James B Maurice, James B Maurice, Edg...

Publish Year: 2016

Performance of Baveno VI and Expanded Baveno VI Criteria ...

[https://www.cghjournal.org/article/S1542-3565\(19\)30494-X/fulltext](https://www.cghjournal.org/article/S1542-3565(19)30494-X/fulltext)

A combined model based on spleen stiffness measurement and Baveno VI criteria to rule out high-risk varices in advanced chronic liver disease. J Hepatol. 2018; 69: 308–317

Cited by: 1 Author: Maria Stafylidou, Paschalis Paschos, An...

Publish Year: 2019

Exam 2: Performance of Baveno VI and Expanded Baveno VI ...

[https://www.cghjournal.org/article/S1542-3565\(19\)30637-8/fulltext](https://www.cghjournal.org/article/S1542-3565(19)30637-8/fulltext)

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<https://www.ncbi.nlm.nih.gov/pubmed/27388923>

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Author: James B Maurice, James B Maurice, Edgar...

Publish Year: 2016

Validating, deconstructing and refining Baveno criteria ...

<https://onlinelibrary.wiley.com/doi/abs/10.1111/liv.13379>

Non-invasive **criteria** to rule out **high-risk varices** will avoid unnecessary endoscopies. Recent **Baveno VI criteria** define **patients** with compensated cirrhosis in whom endoscopy can be avoided as those with a **liver stiffness** by transient elastography <20 kPa and a platelet count >150 000/mm³.

Cited by: 21

Author: Parastoo Jangouk, Laura Turco, Laura Turc...

Publish Year: 2017

Validation of the Baveno VI criteria to identify low risk ...

<https://www.sciencedirect.com/science/article/pii/S0168827816303166>

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Author: James B Maurice, James B Maurice, Edgar...

Publish Year: 2016

Performance of Baveno VI and Expanded Baveno VI Criteria ...

[https://www.cghjournal.org/article/S1542-3565\(19\)30494-X/fulltext](https://www.cghjournal.org/article/S1542-3565(19)30494-X/fulltext)

Google Scholar See all References The **Baveno VI criteria** suggest that **patients** with cACLD who have **liver stiffness** measurement (LSM) less than 20 kPa and a platelet count greater than 150 × 10⁹ cells/L **do not** need to undergo screening endoscopy. 13 x 13 de Franchis, R. and **Baveno VI** Faculty.

Cited by: 1

Author: Maria Stafylidou, Paschalis Paschos, Anast...

Publish Year: 2019

Performance of Baveno VI and Expanded Baveno VI Criteria ...

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Performance of **Baveno VI** and Expanded **Baveno VI Criteria** for Excluding High-risk Varices in Patients with Chronic **Liver** Diseases: A Systematic Review and Meta-analysis