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Doppler ultrasonography devices, including elastography, allow for accurate diagnosis of severe liver fibrosis.

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Highlights:

- Three simple Doppler-US signs are associated with severe liver fibrosis.
- Combined together, these simple signs are sensitive, but they lack specificity.
- Doppler-US devices now include elastography modules allowing liver stiffness measurement.
- Using elastography when the simple Doppler-US signs are present improves the diagnostic accuracy.
- This approach represents an attractive procedure for the diagnostic of advanced liver diseases.

ABSTRACT

Objectives: Advanced chronic liver disease is frequent yet largely underdiagnosed. Doppler-US is a common examination and we recently identified three simple Doppler-US signs associated with severe liver fibrosis. Recent Doppler-US devices include elastography modules, allowing for liver stiffness measurement (LSM). Our aim was to assess whether the use of elastography following

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