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Hepatic Elastography Using Ultrasound Waves

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About the ebook

Some time ago, Schiano raised the question "To B or not to B", which means "To Biopsy or not to Biopsy" the liver for the evaluation of chronic hepatopathies. For a long period, liver biopsy (LB) was considered the "gold standard" for the evaluation of liver morphology. A major disadvantage of LB is its invasiveness: the risk of post-biopsy discomfort for patients and sometimes, for serious complications; also the lack of sensitivity to detect fibrosis, due to its heterogeneity; and the inability to obtain good quality fragments, adequate for pathological examination. In these conditions, the question is whether LB can be regarded as the "gold standard" for staging and grading chronic hepatitis in daily activity.

Contents

- ▶ Physics and Technical Information
- ▶ Transient Elastography (TE)
- ▶ Acoustic Radiation Force Impulse Elastography
- ▶ Real-Time Elastography (RT-E)
- ▶ ShearWave Elastography (SWE)
- ▶ Combined Methods for Liver Fibrosis Evaluation

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