

MR Elastography

CPT: 76391

1 Chronic liver disease

1.1 Diagnosis of liver fibrosis (initial imaging)

1.2 Staging of liver fibrosis

2 Follow-up (staging) of known liver fibrosis

2.1 Assess for progression of liver parenchymal disease

2.2 Evaluate response to treatment

3 Potential liver donor

4 Post-liver transplant evaluation for fibrosis

References

1. American College of Radiology. ACR Appropriateness Criteria® Chronic Liver Disease.
2. Bashir MR et al. "ACR Appropriateness Criteria® Chronic Liver Disease". Journal of the American College of Radiology, Volume 17, Issue 5, Supplement, 2020, Pages S70-S80. <https://www.sciencedirect.com/science/article/abs/pii/S1546144020301113>
3. Hoodeshenas S, Yin M, Venkatesh SK. "Magnetic Resonance Elastography of Liver: Current Update". Top Magn Reson Imaging. 2018 Oct;27(5):319-333. <https://pmc.ncbi.nlm.nih.gov/articles/PMC6176736/>
4. Cunha GM et al. "Interpretation, Reporting, and Clinical Applications of Liver MR Elastography". Radiology, Vol. 310(3). <https://doi.org/10.1148/radiol.231220>
5. Ozturk A et al. "Liver fibrosis assessment: MR and US elastography". Abdom Radiol (NY). 2022 Sep;47(9):3037-3050. <https://pmc.ncbi.nlm.nih.gov/articles/PMC9033887/>