



Policy Number: PA-101 Last Review Date: 05/09/2019 Effective Date: 07/01/2019

### **Policy**

Evolent Health considers **Transient Elastography (TE)** (e.g., FibroScan) medically necessary for the following indications:

- Initial assessment of fibrosis of members with a diagnosis with hepatitis C; or
- Follow-up assessment of fibrosis of members with a diagnosis of hepatitis C and previously documented F0, F1, or F2 per METAVIR staging guidelines; or
- Assessment of advanced fibrosis (F2 or greater) versus minimal or no fibrosis (F1 or F0)

NOTE: TE is considered experimental and investigational for all other indications.

### A. Limitations

TE (e.g. FibroScan) is considered not medically necessary and is therefore not covered if the member meets any of the following criteria:

- BMI of <19 kg/m2 or >30 kg/m2
- Ascites
- Focal lesions within the liver (e.g., tumor)
- Acute liver injury
- Previously documented liver fibrosis of F3 or F4
- Pregnant
- Alanine transaminase (ALT) level five or more times the upper limit of normal (55 units per liter)
- Implanted metal device (e.g., pacemaker, automated implantable cardioverter defibrillator (AICD), or any other implantable defibrillators)
- TE performed within the previous 12 months
- Liver biopsy within the previous six months

### **Background**

Fibrosis is a scarring process that replaces damaged liver cells, causing inflammation and leading to the formation of fibrous scar tissue in the liver. Transient Elastograhy (TE) is a non-invasive technique for the evaluation of fibrosis in chronic liver disease. TE serves as an alternative to liver biopsy, the gold standard for evaluating liver fibrosis. TE measures liver stiffness by tracking the wave speed through ultrasound.

The only system suitable for performing TE is the FibroScan System (Echosens SA; Paris, France), as approved by the US FDA on April 5, 2013.

## **METAVIR Scoring System**



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Activity Grade	
A0	No activity
A1	Mild activity
A2	Moderate activity
A3	Severe activity
Fibrosis Stage	
F0	No fibrosis
F1	Stellate enlargement of portal
	tract but without septa formation
F2	Enlargement of portal tract with
	rare septa formation
F3	Numerous septa without cirrhosis
F4	Cirrhosis

### Code:

91200	Liver elastography, mechanically induced shear wave (e.g., vibration),
91200	without imaging, with interpretation and report

### References

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