

The report from your ultrasound with elastography shows stage 3-4 fibrosis this has progressed since you last ultrasound. There is fatty liver as well as a cirrhotic appearance. There is spleen enlargement consistent with portal hypertension. There is a stable dilatation of the pancreatic duct that should be evaluated with MRI or CT scan. Please let my office know if you are in agreement with these recommendations. A copy of the report has been forwarded to your medical records.

Resulted Orders

US Elastography W Complete AB US

Narrative

US ELASTOGRAPHY W COMPLETE AB US

6/16/2017 8:17 AM

INDICATION: Hepatitis C

COMPARISON: 12/09/2016, 12/24/2015 ultrasounds

FINDINGS:

GALLBLADDER: Decompressed as patient was not fasting, however otherwise unremarkable.

BILE DUCTS: No bile duct dilation. The common hepatic duct measures 4 mm.

LIVER: Fairly coarse in echotexture with surface nodularity, with echogenic parenchyma. No discrete mass evident. Hepatopedal flow main portal vein.

ELASTOGRAPHY: 2.14 m/s (12.0-21.0 kPa units) equals Metavir score F3-F4. Previously, 1.54 m/s.

SPLEEN: Enlarged, measuring 14.2 cm.

RIGHT KIDNEY: 13.4 cm in length. Normal. No hydronephrosis.

LEFT KIDNEY: 13.5 cm in length. Small benign cysts present. No hydronephrosis.

PANCREAS: Dilatation of the pancreatic duct measuring 3 to 4 mm, fairly similar compared to the 2015 ultrasound. Portions of the head obscured by overlying bowel gas.

AORTA: Normal in caliber.

IVC: Normal, patent where seen.

No ascites.

CONCLUSION:

1. Metavir score on elastography is F3-F4 which indicates moderate to severe fibrosis. This is somewhat progressed compared to prior.
2. Fatty and cirrhotic liver without evidence of focal mass.
3. Splenomegaly consistent with portal hypertension.
4. Stable dilatation of the pancreatic duct. As clinically indicated, consideration could be given to other cross-sectional imaging such as CT or MRI for further evaluation of the pancreas.

REFERENCE:

EPIQ-ARFI Shear Wave Elastography.

Department of Infectious Diseases, Fondazione IRCCS Policlinico San Matteo, University of Pavia, Italy

Clinical Epidemiology and Biometric Unit, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

Department of Pathology, Fondazione IRCCS Policlinico San Matteo, Pavia Italy

METAVIR SCORE:

Normal F0: 0.81-1.22 m/s (2.0-4.5 kPa units)

Normal-Mild F0-F1: 1.22-1.37 m/s (4.5-5.7 kPa units)

Mild-Moderate F2-F3: 1.37-2.00 m/s (5.7-12.0 kPa units)

Moderate-Severe F3-F4: 2.00-2.64 m/s (12.0-21.0 kPa units)

Severe F4: > 2.64 m/s (>21.0 kPa units)