Case 1:

• W, 52 years old, regular CT scans

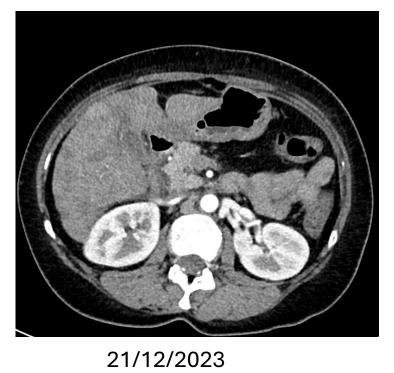
• AST, ALT

• CT scan: 31/03/2023

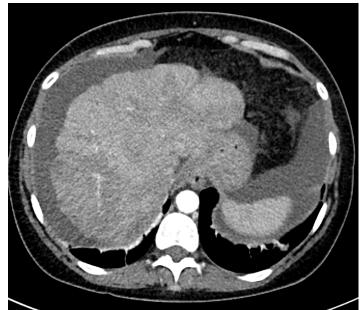
• Follow-up CT scan: 21/12/2023

31/03/2023

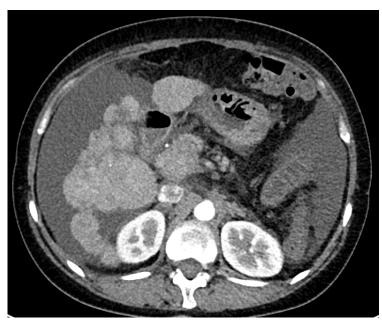




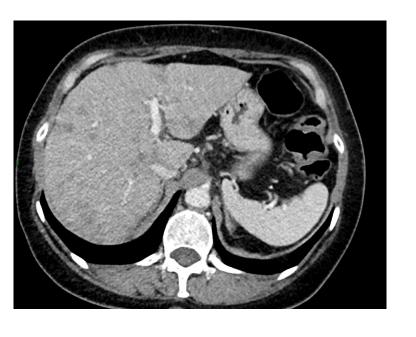


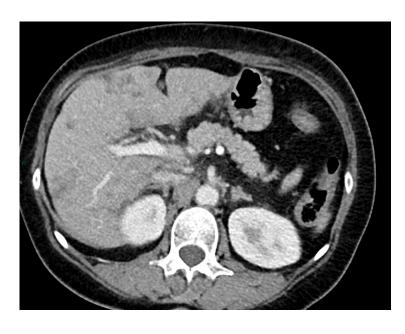


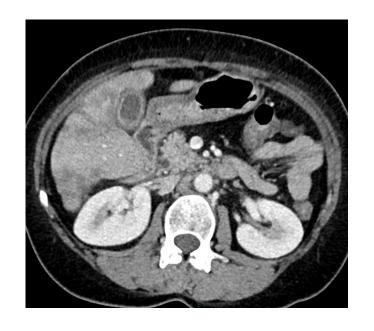




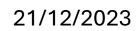
31/03/2023

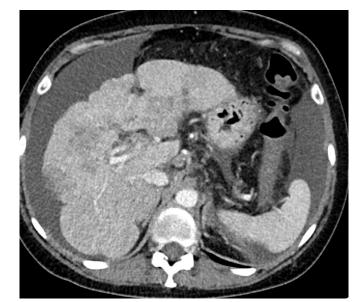


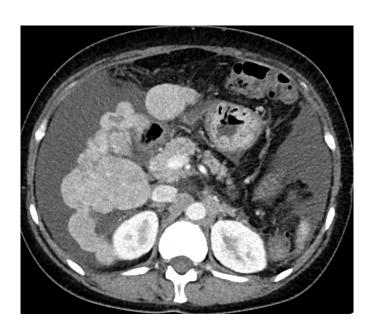












- A. Multicentric Hepatocellular carcinoma
- B. Diffuse Hepatocellular carcinoma
- C. Liver cirrhosis with large, confluent dysplastic nodules
- D. Acute alcoholic hepatitis
- E. Can not tell, I would need more information regarding the medical history and physical examination

Not every focal liver lesion in the cirrhotic liver is HCC

Not every liver which looks cirrhotic is, actually, cirrh	otic!

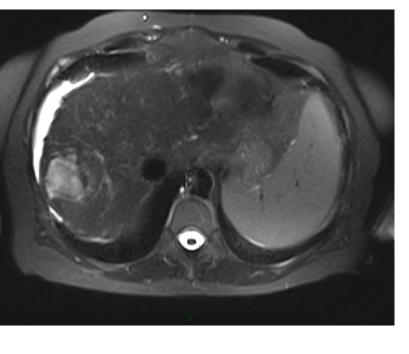
- Patient with triple negative breast cancer, since 03/2022
- Undergoing chemo- and imunotherapy for breast cancer
- Bone, brain and liver metastases
- Multiple relapses of cancer. Now the patient is on the 3rd line of treatment

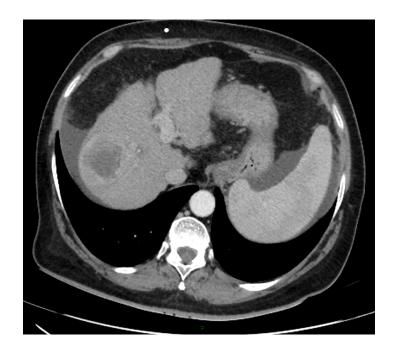
Pseudocirrhosis:

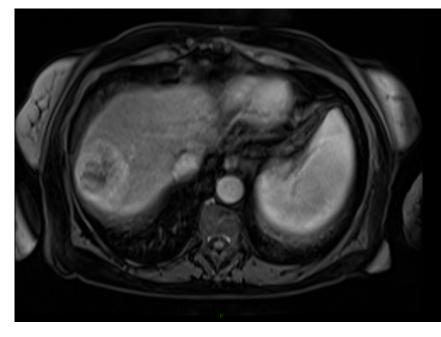
- Occurs in the setting of liver metastases, particularly in breast cancer, but in other forms of cancers, too
- The aspect of the liver, on imaging, is similar to that of a cirrhotic liver
- Due to fibrotic changes, both in the liver metastases and in the surrounding liver, following chemotherapy
- It can lead to liver failure and portal hypertension

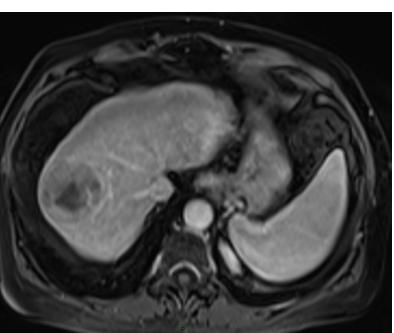
Case 2:

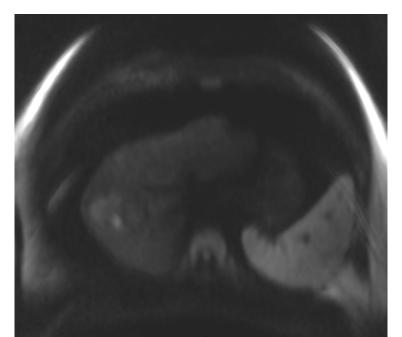
- W, 61 years old
- History of chronic hepatitis C infection
- Decompensated chronic liver disease with thrombocytopenia and ascites
- US: FLL, strongly suspicious of HCC in the right lobe of the liver

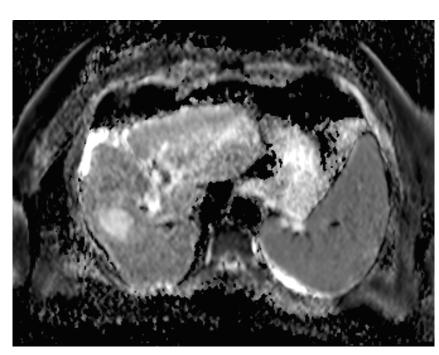








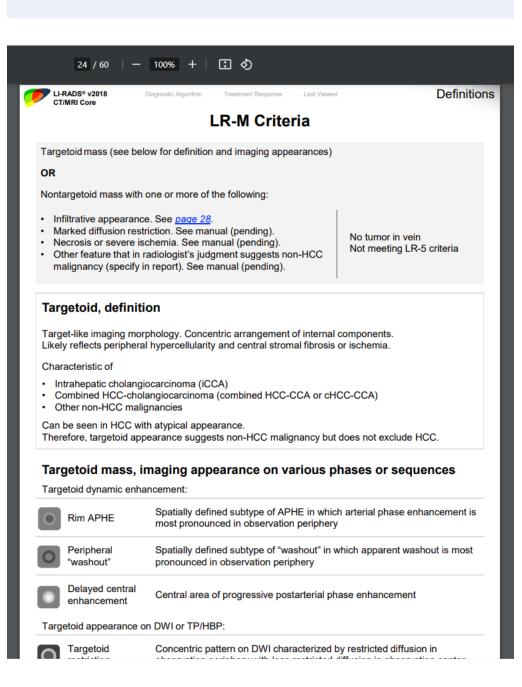




• Rim enhacement is an ancillary finding favouring **malignancy**, not HCC in particular

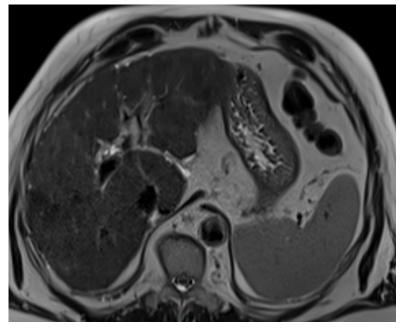
LI-RADS M

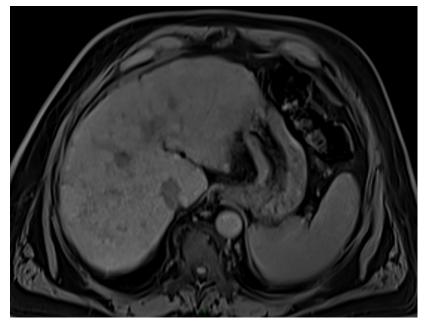
• ... But the biopsy proven diagnosis was HCC

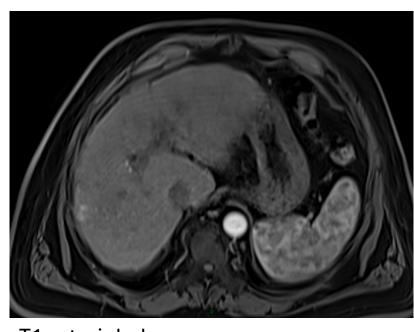


Case 3:

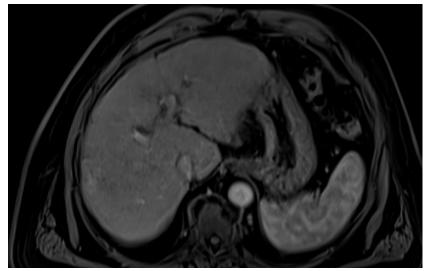
- 62 years old male
- Toxic & viral liver cirrhosis
- Follow-up MRI



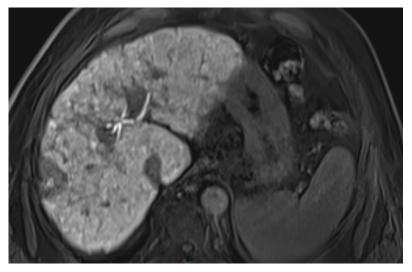




T2 T1 arterial phase

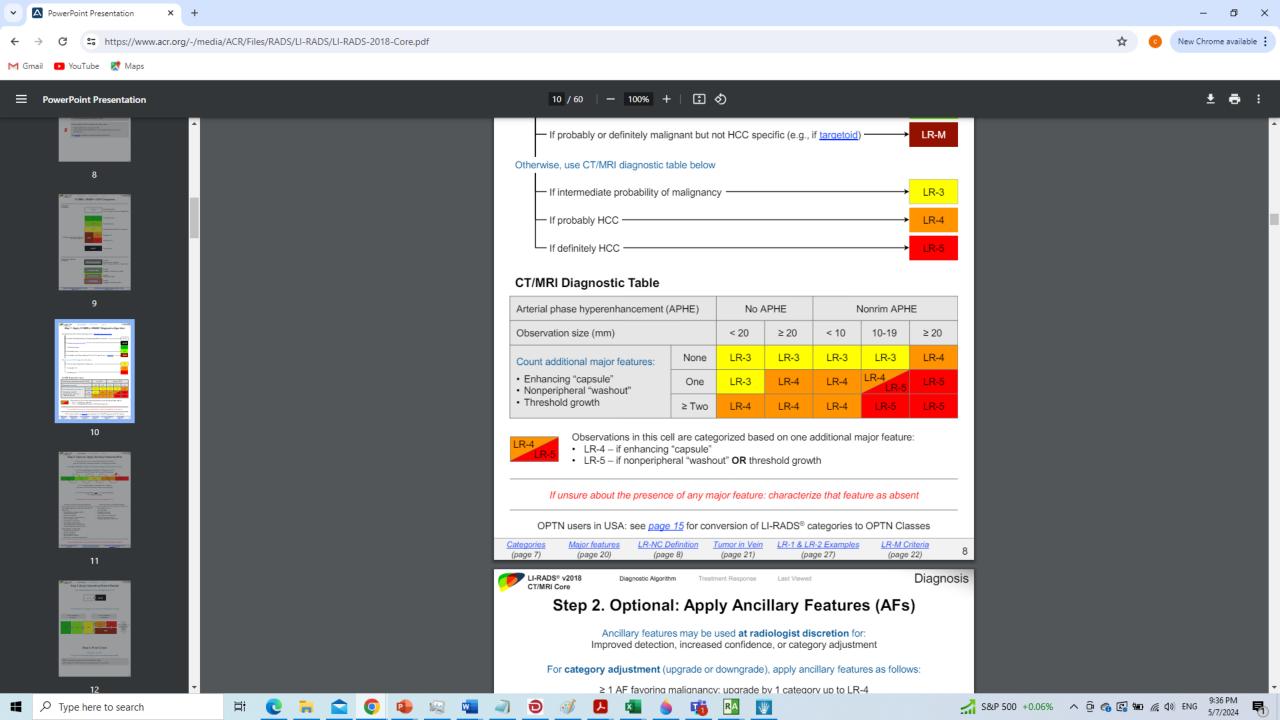


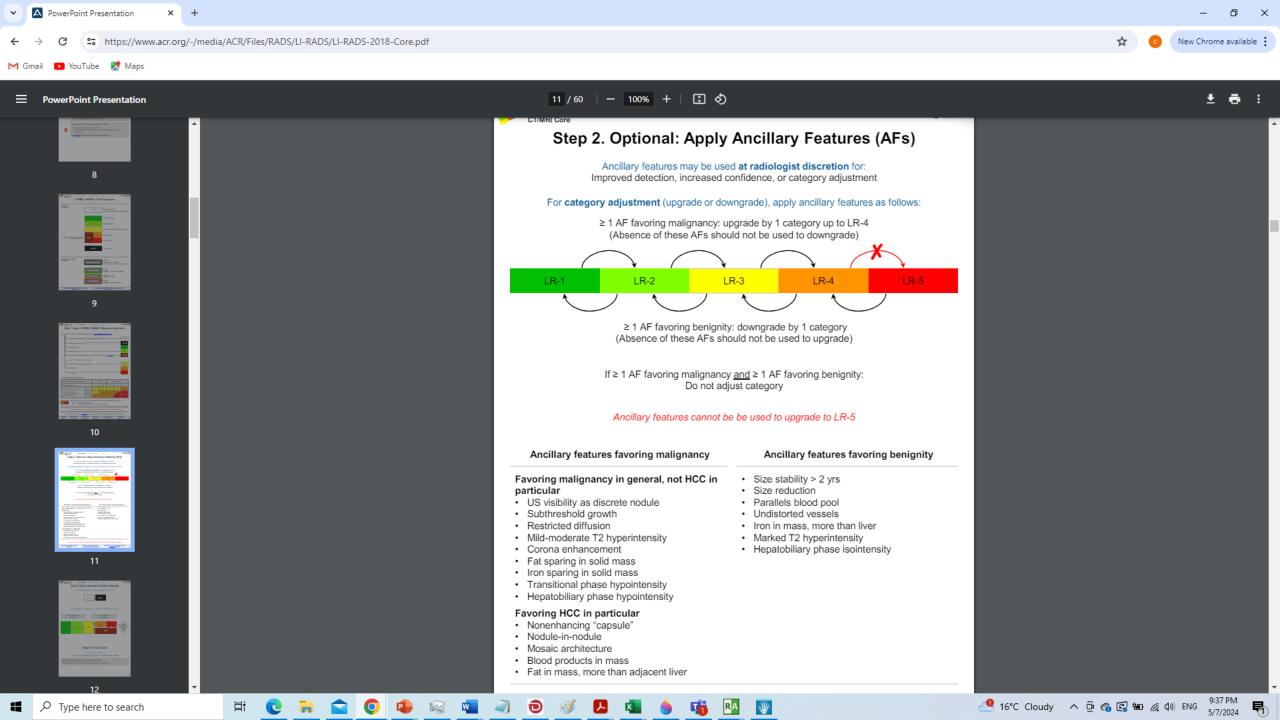




T1- HBP

- A. LI-Rads 1
- B. LI-Rads 2
- C. LI-Rads 3
- D. Li-Rads 4
- E. Li-Rads 5

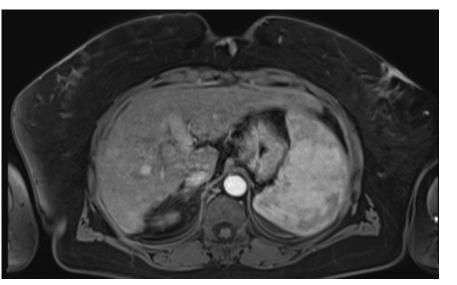




Case 4:

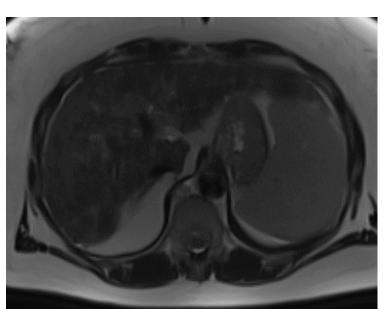
- W, 59 years old
- HVC liver cirrhosis
- Follow-up MRI

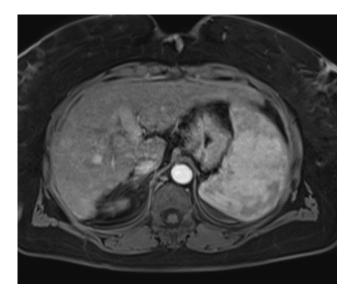
20/02/2024



Arterial phase

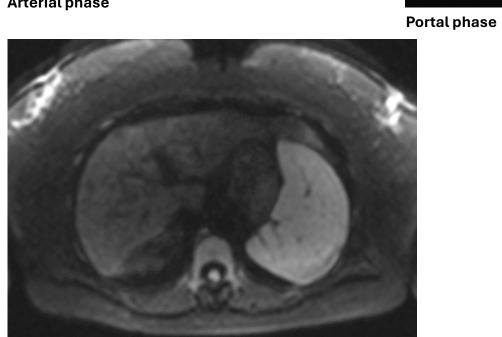
T2 WI





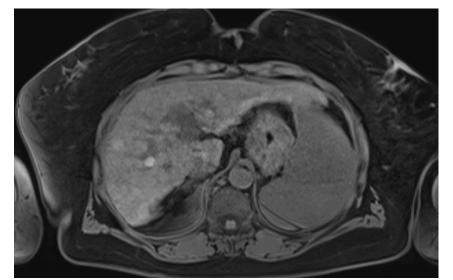


Diffusion

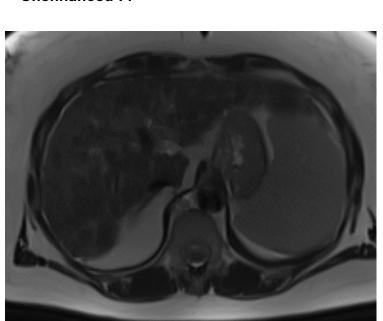


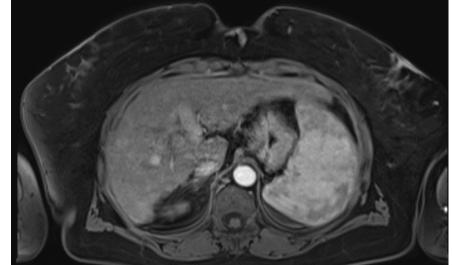
Can you make a diagnosis or do you want to see more images?	

20/02/2024

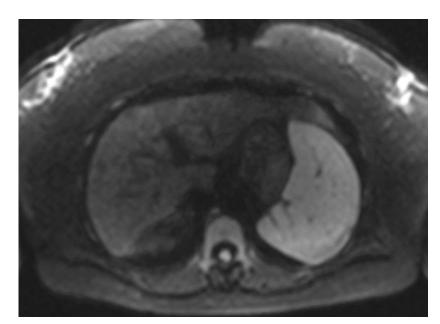


Unenhanced T1

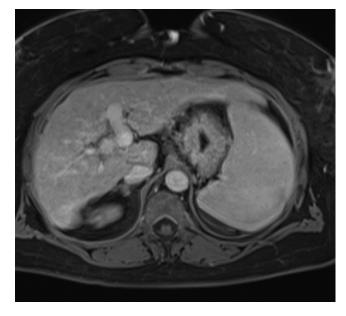




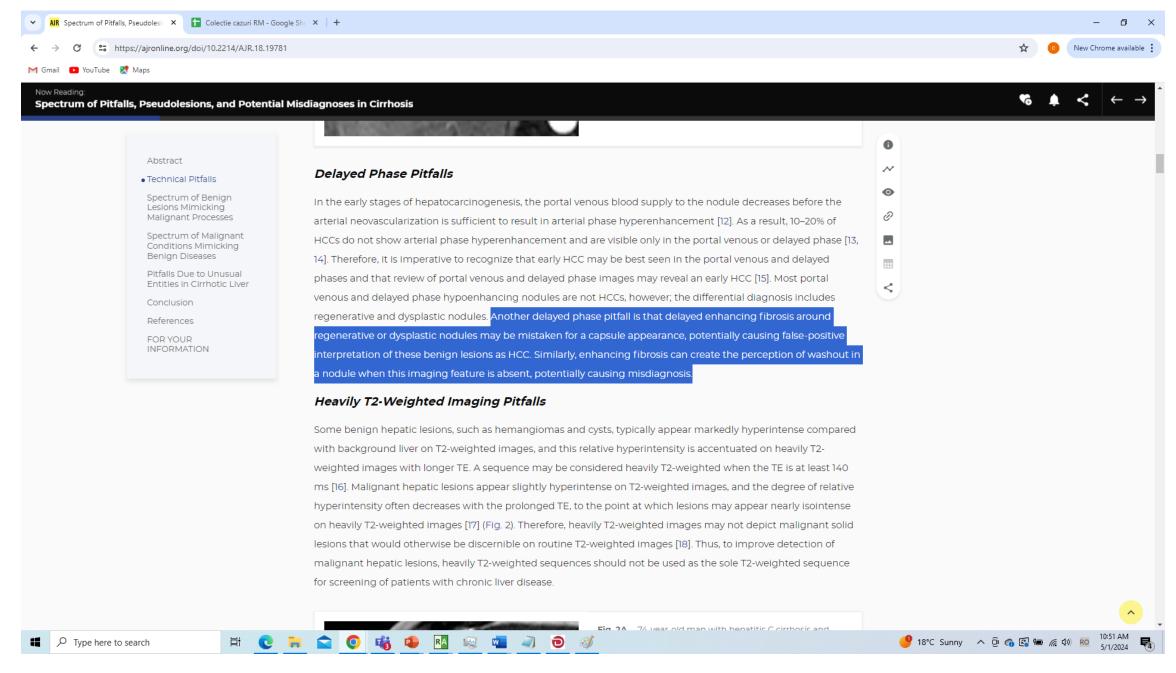
Arterial phase



Diffusion

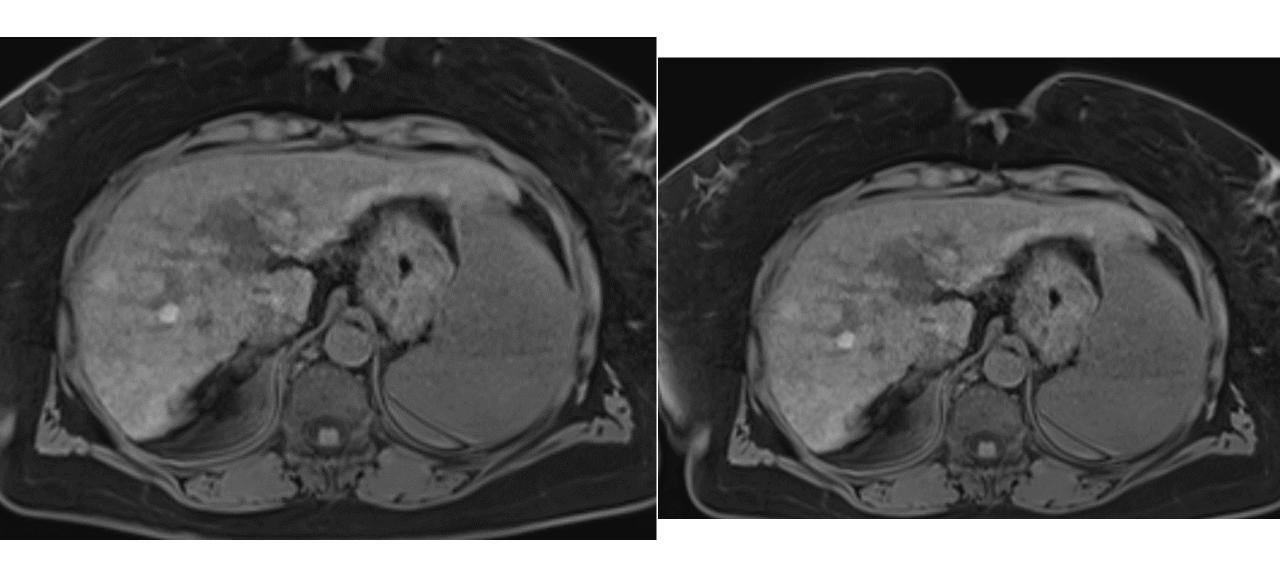


Portal phase



... Can you make a diagnosis or do you want to see more images? Always ask for older examinations!

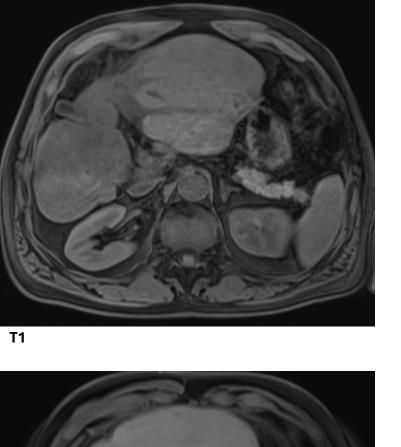
29/08/2022 20/02/2024



Size stability over more than 2 years is a ancillary feature favoring **benignity**

Case 5:

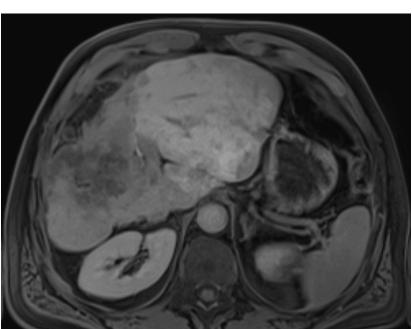
- 54 years old, male
- HBV cirrhosis
- The diagnosis was made a couple of years ago, the patient neglected his disease, did not show up for medical investigations

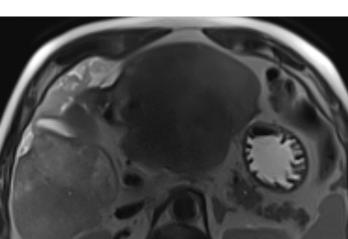












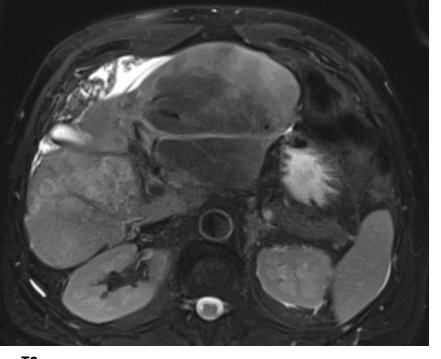
Late phase

HBP

- A. HCC
- B. Cholangiocarcinoma
- C. Dysplastic nodule
- D. Fibrotic hemangioma
- E. Something else

Hepatic epitelioid hemangioendothelioma:

- Multiple hypoattenuating lesions in both hepatic lobes
- Lesions may be confluent and form larger masses
- Subcapsular lesions may lead to capsular retraction
- Hypointense on T1
- Heterogenously hyperintense on T2
- White target sign on T2: large hyperintense core surrounded by a peripheral, slightly hyperintense halo (not present in our case)
- May present with target type enhancement



T2



T1 venous phase

