

Kazuistiky střevo, játra

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Tenké
střevo

Než začneme

- **Klinika** (bolest, akutní projevy, ikterus)
- **Měl někdy nemocný nějaké vyšetření**
- **Laboratoř** (AST, ALT, GMT, Bili, markery, FW)

Když vyšetřujeme

- **Anatomická lokalizace** – co tam vlastně je za struktury?
- **Echogenita někdy mate** – je nutné porovnávat echogenitu jater, ledviny a ložiska

Diferenciální diagnostika

- **Běžná choroba** je podstatněji častější než choroba vzácná (hemangiom x hemangiopericytom)
- Častěji vidíme **atypický obraz typického nálezu** než **typický obraz vzácné choroby**

UZ

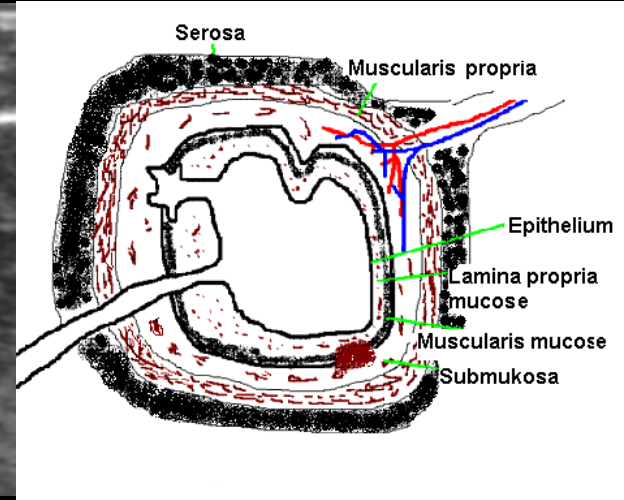
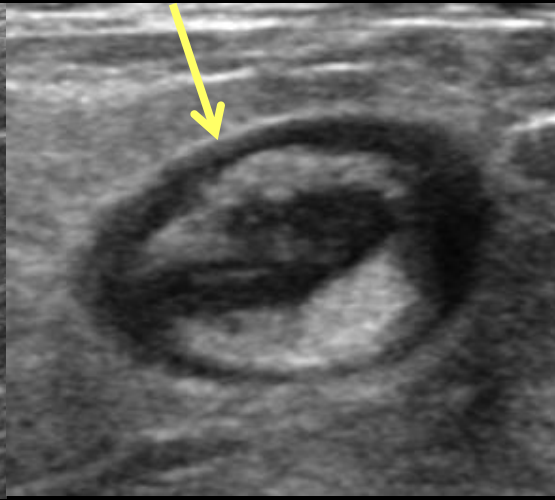
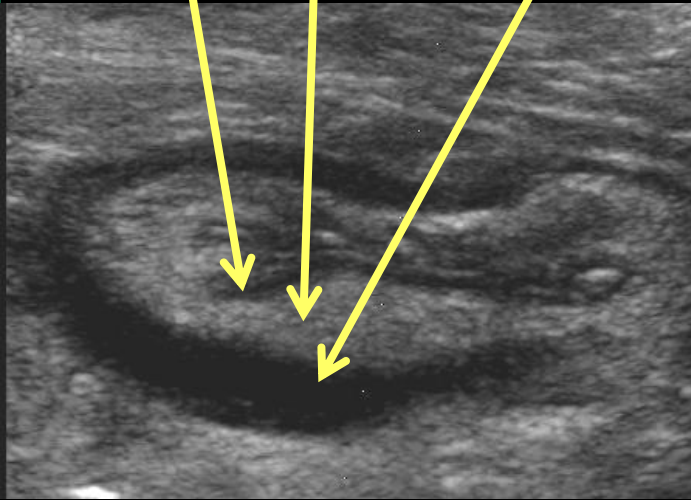
Tloušťka střevní stěny se pohybuje do 4 mm. Jednotlivé vrstvy střevní stěny jsou detekovatelné jako:

Mukóza – hypoechogenní

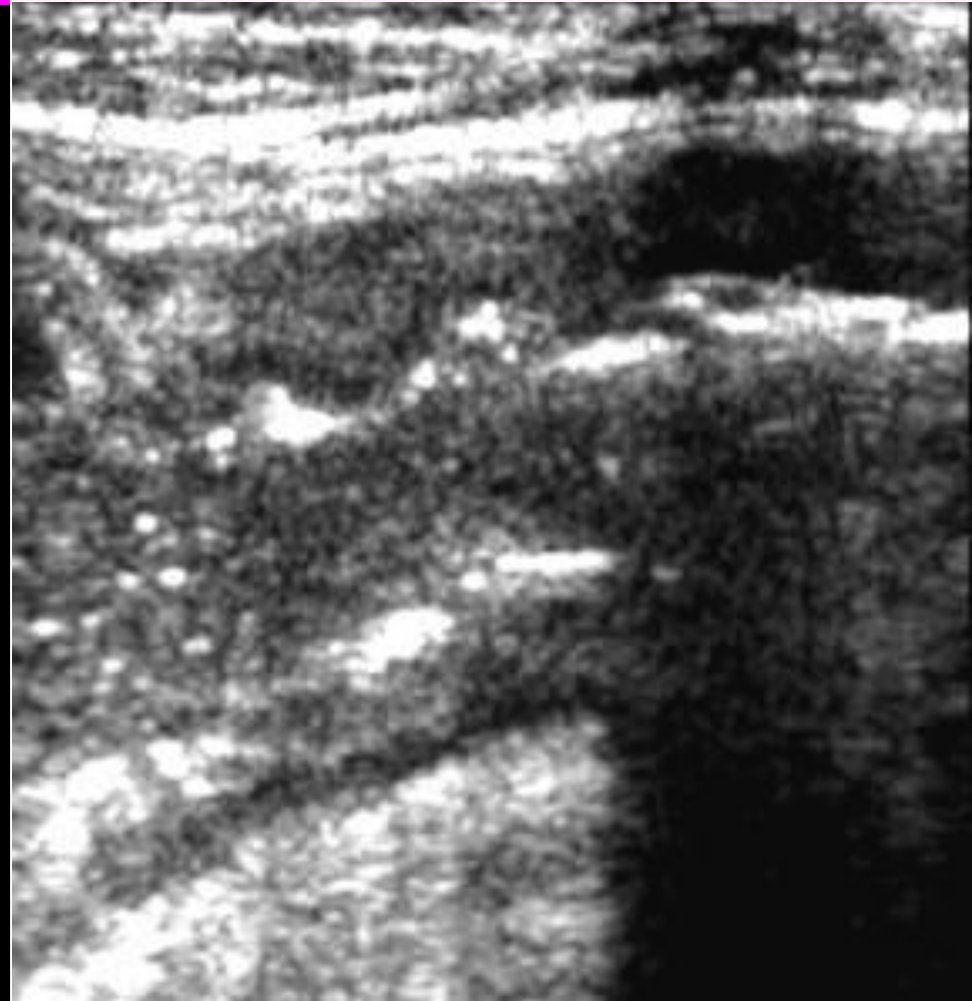
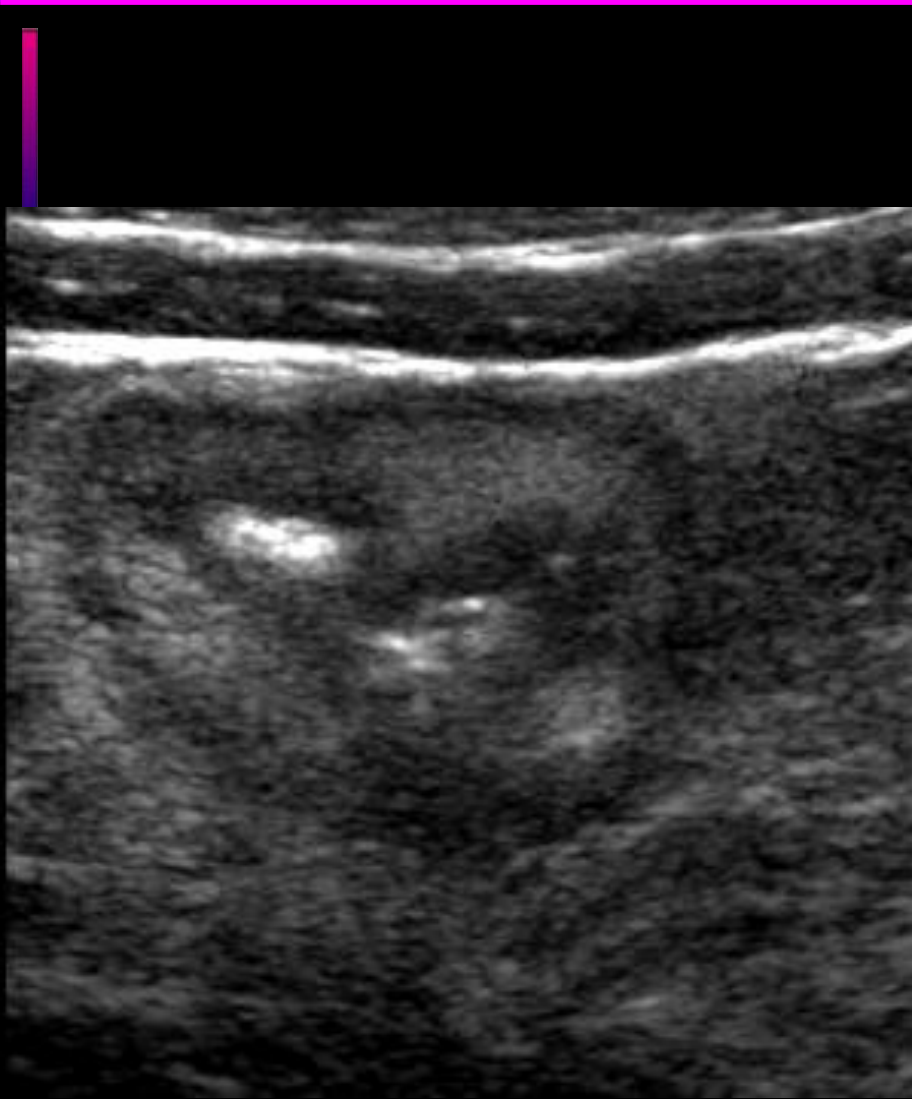
Submukóza – hyperechogenní

Muscularis propria – hypoechogenní

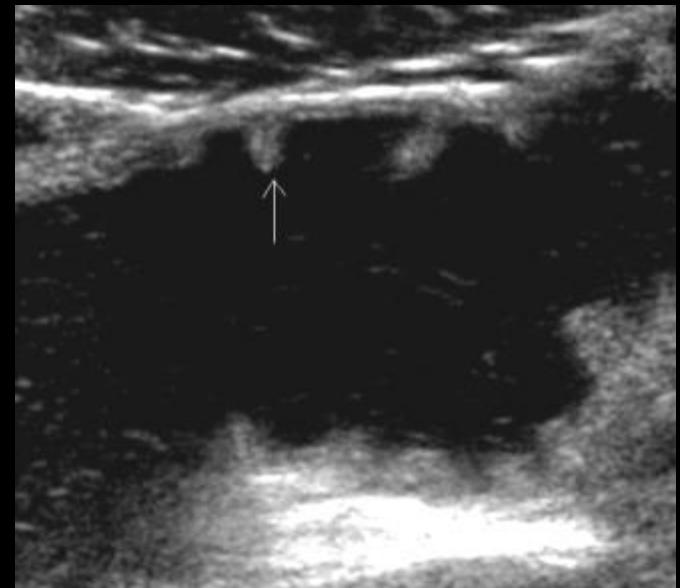
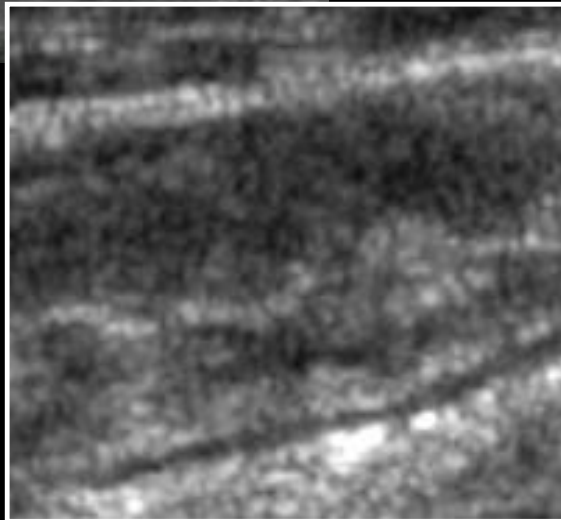
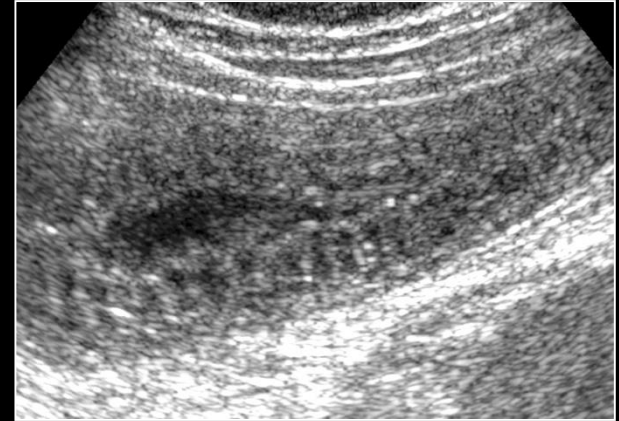
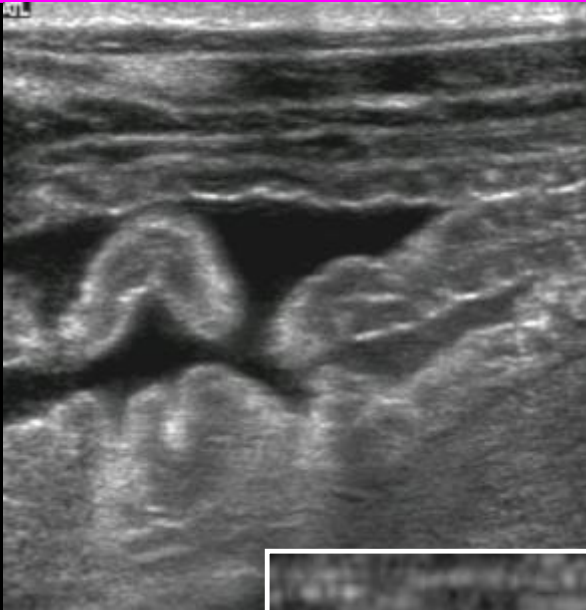
Seróza – hyperechogenní



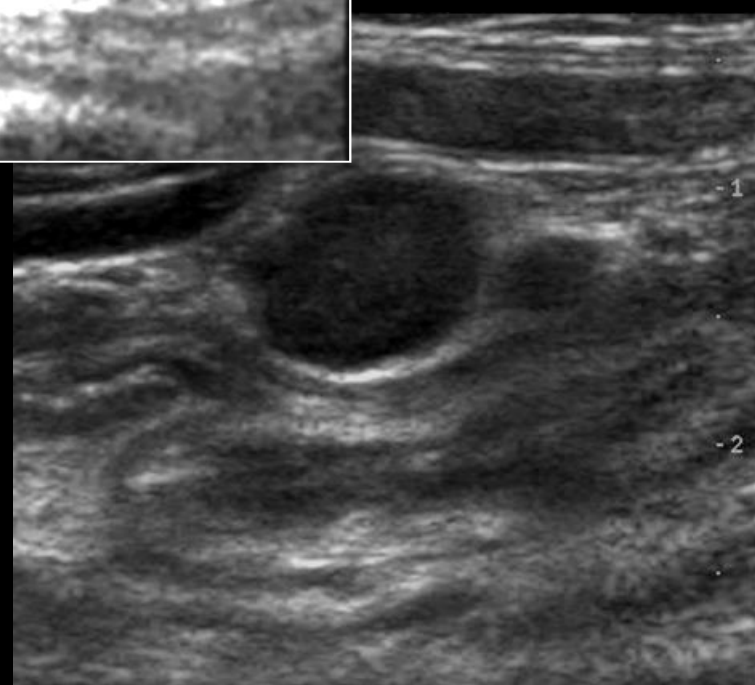
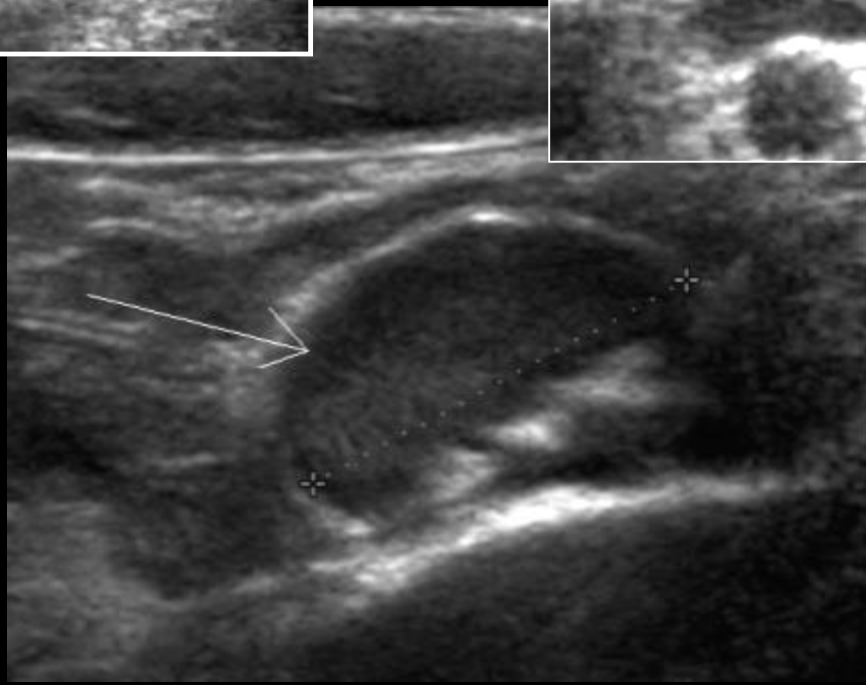
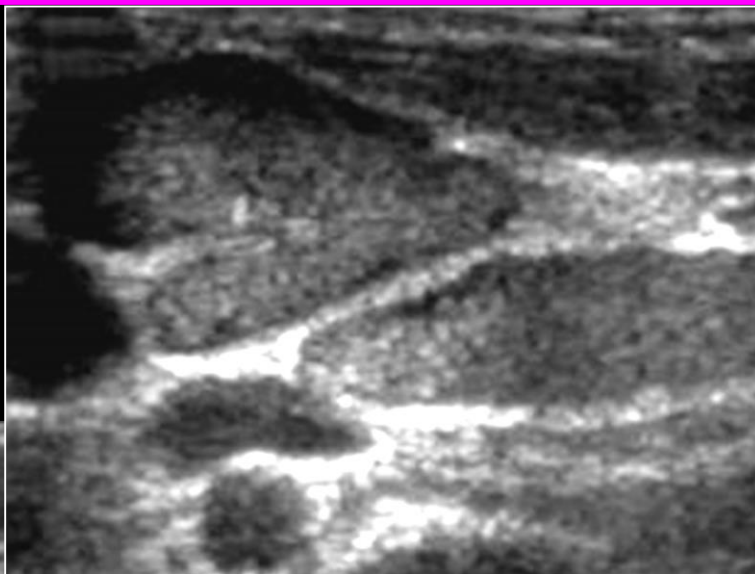
Střevo - stěna



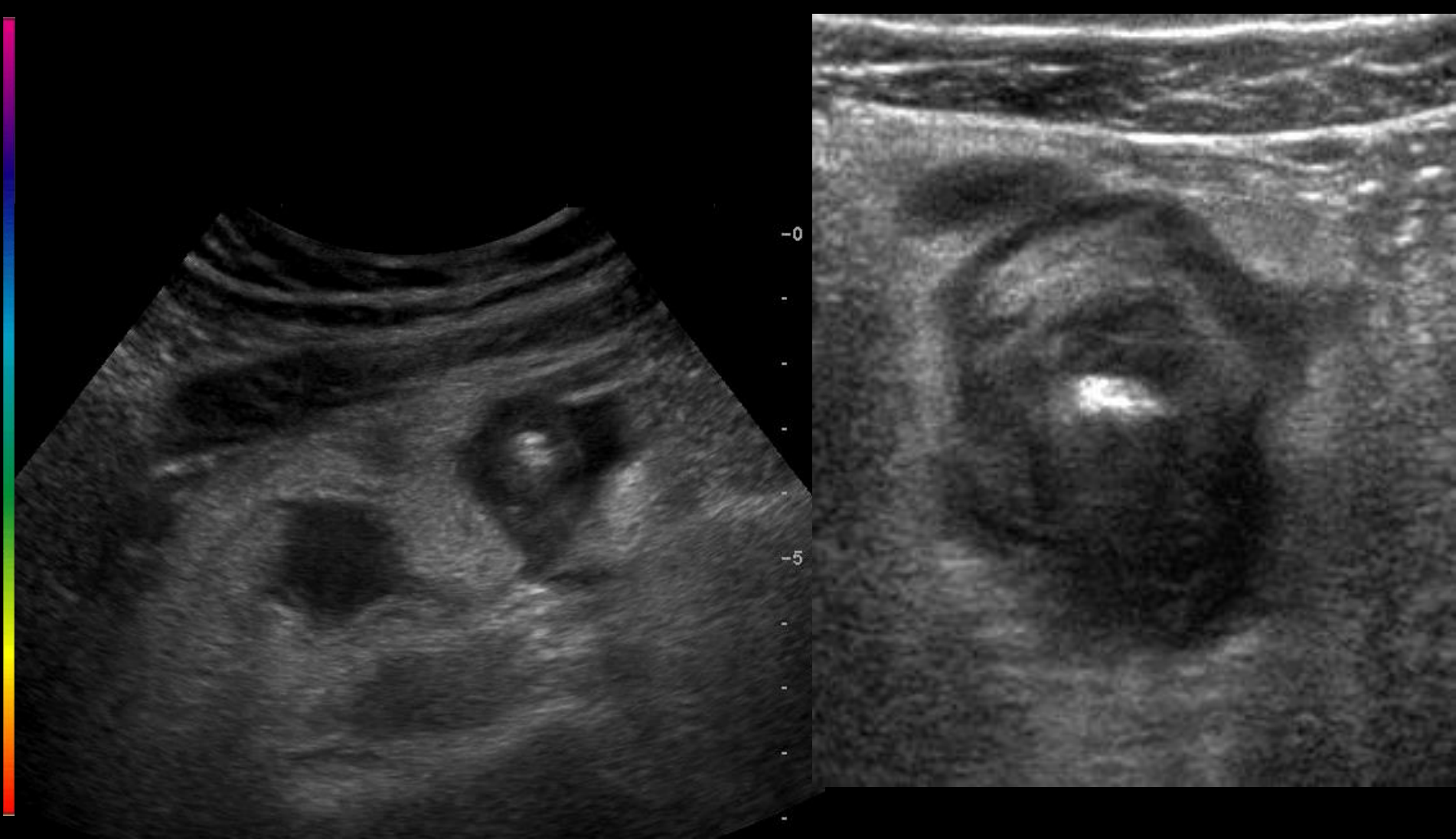
Střevo - řasy



Střevo - uzliny



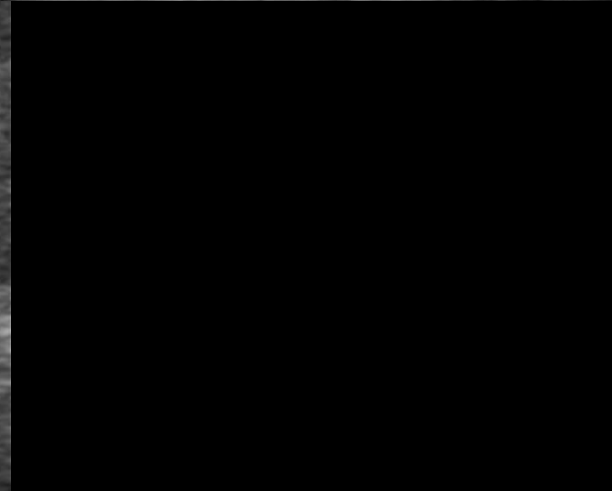
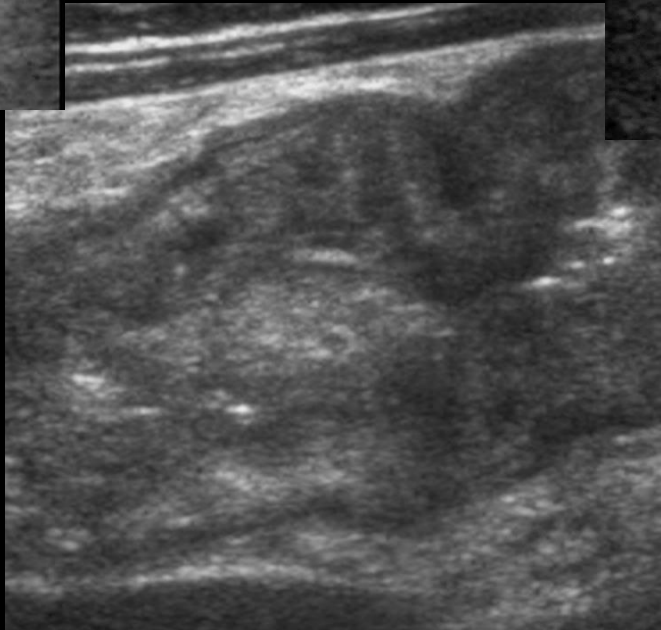
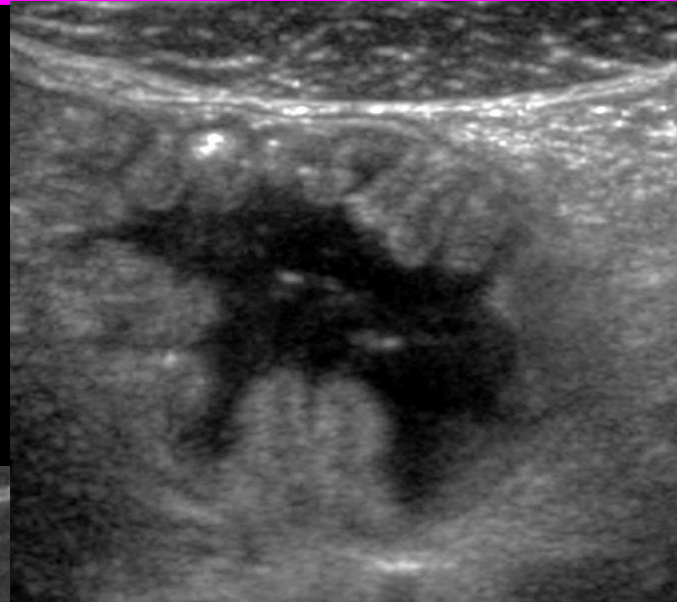
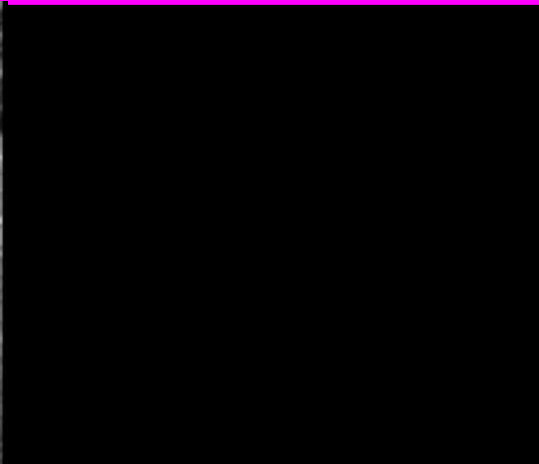
Střevo - okolí



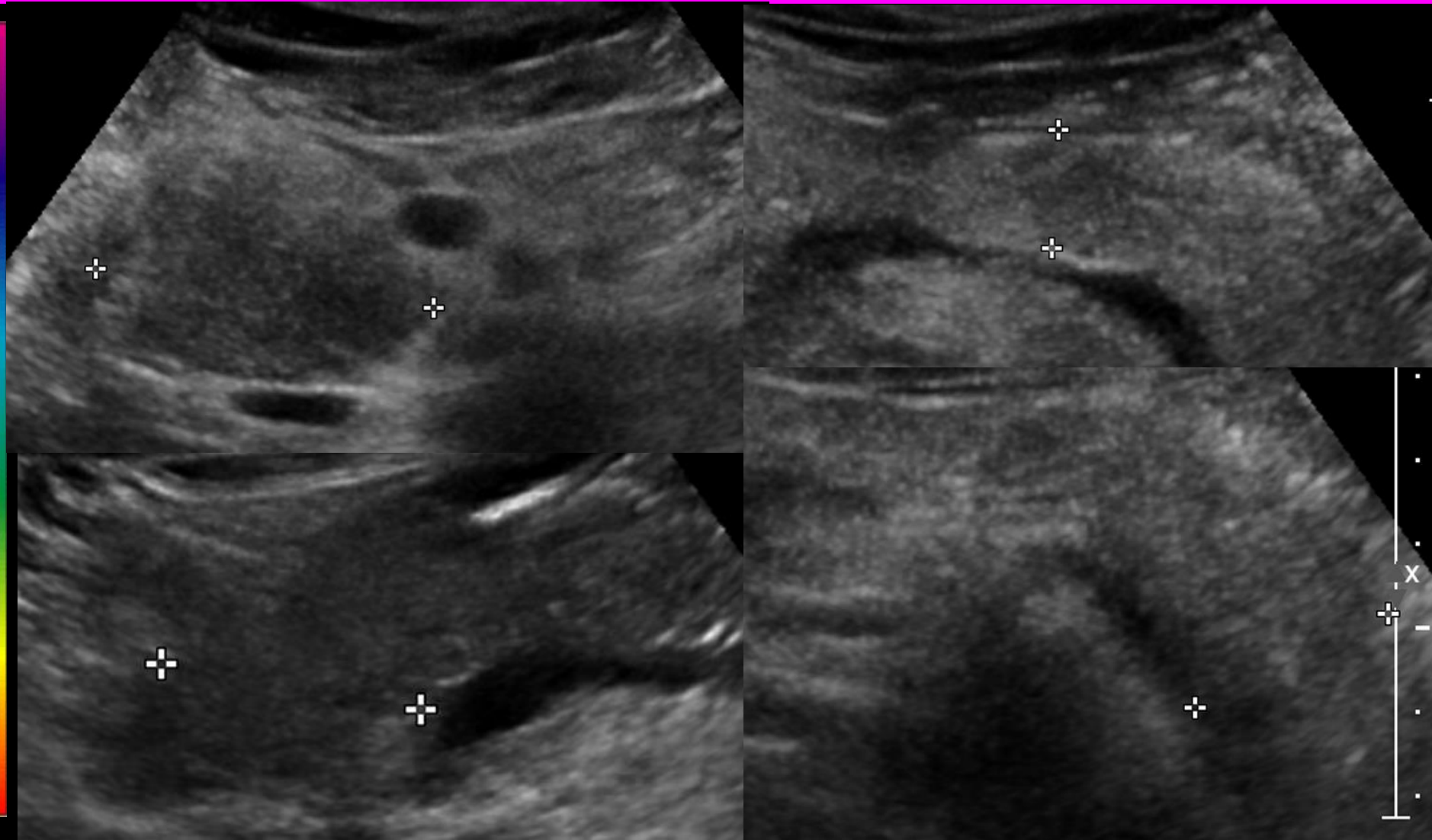
Na co se soustředit

Muž roč. 82, bolesti břicha, průjmy, občas krev ve stolici, hubne

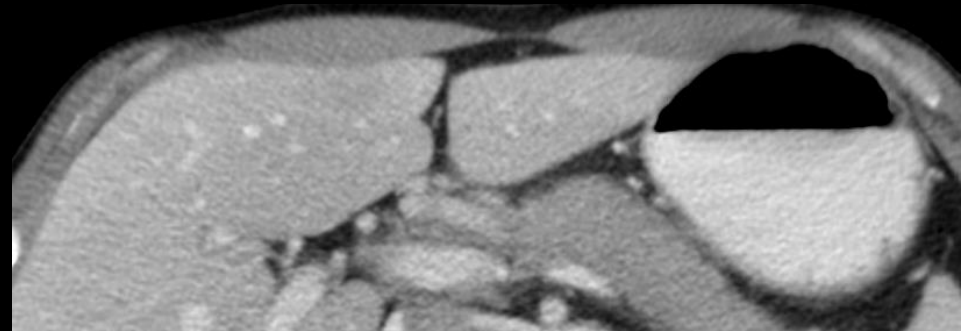
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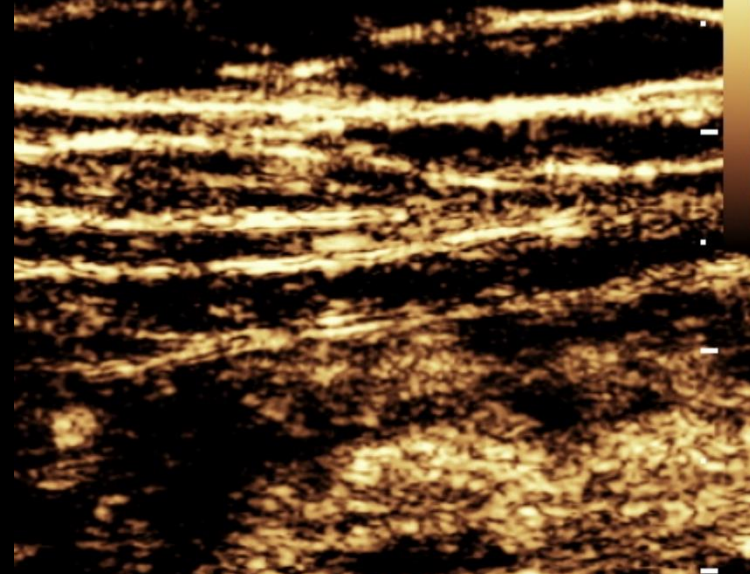
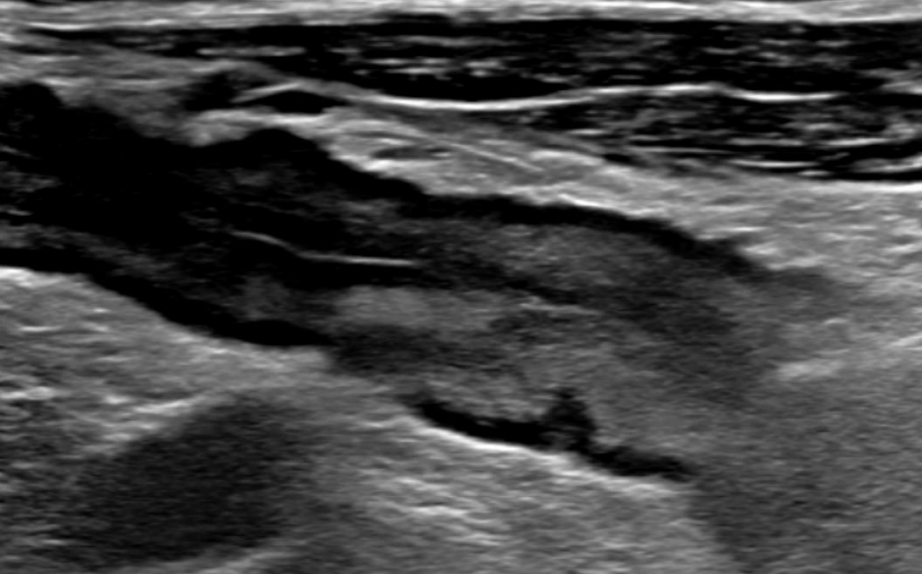


Autoimunitní pankreatitis

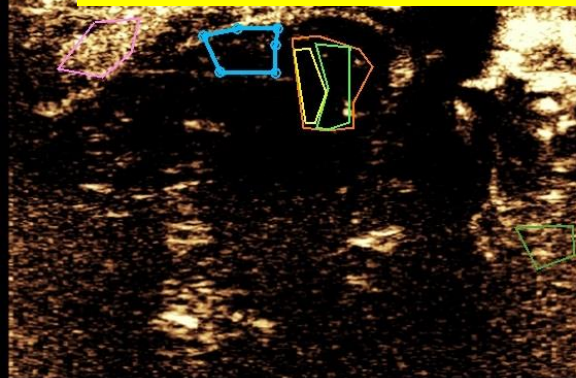


Autoimunitní pankreatitis





Crohn - aktivita



Wash in slope 2.17 dB/sec
Time to peak 7.89 sec
Peak Intensity 12.75 dB
AUC 480.44 dB sec

Peak intensity
12,75 dB



Korelace UZ,MR a koloskopie – FN Brno

- Rozmezí MR, UZ a koloskopie méně než 1 měsíc (srovnání s konkrétním makroskopickým obrazem na koloskopii)
- 47 pacientů (217 segmentů střeva) s Crohnovou chorobou

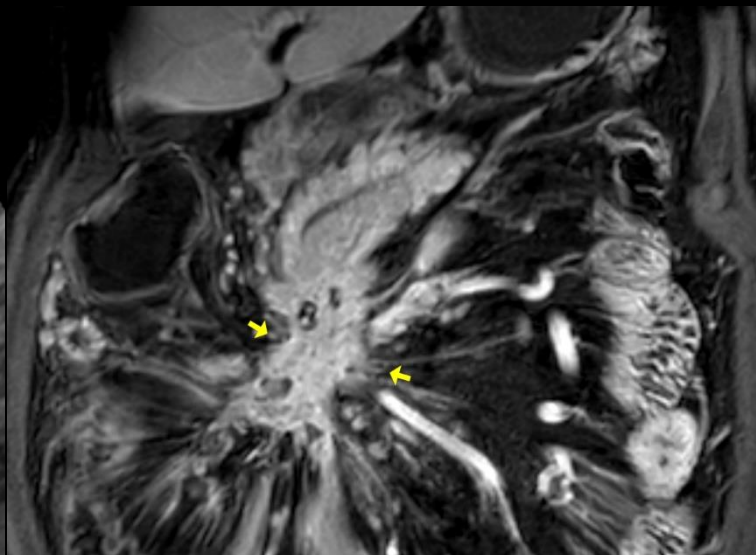
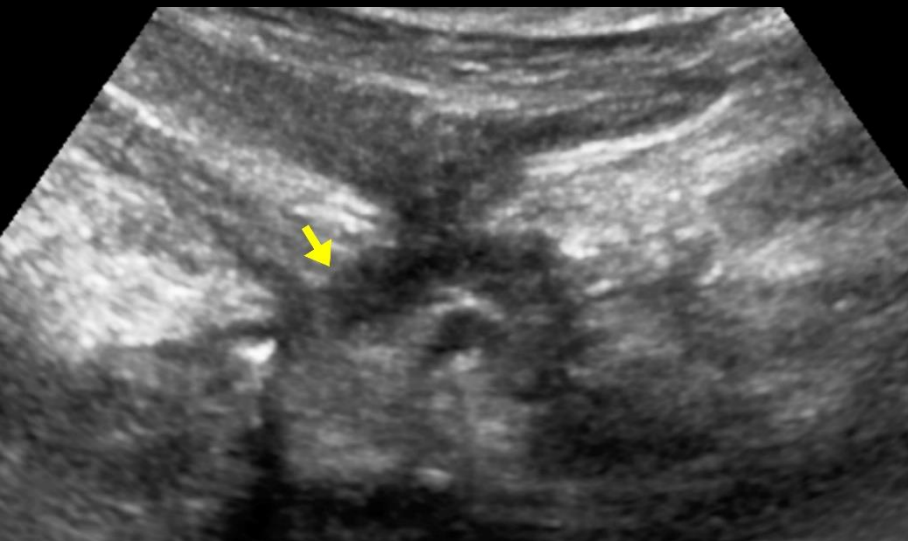
MR		UZ		MR+UZ	
Senzitivita	90 %	Senzitivita	88 %	Senzitivita	94 %
Specificita	91 %	Specificita	87 %	Specificita	93 %

MR (colon)	
Senzitivita	90 %
Specificita	91 %

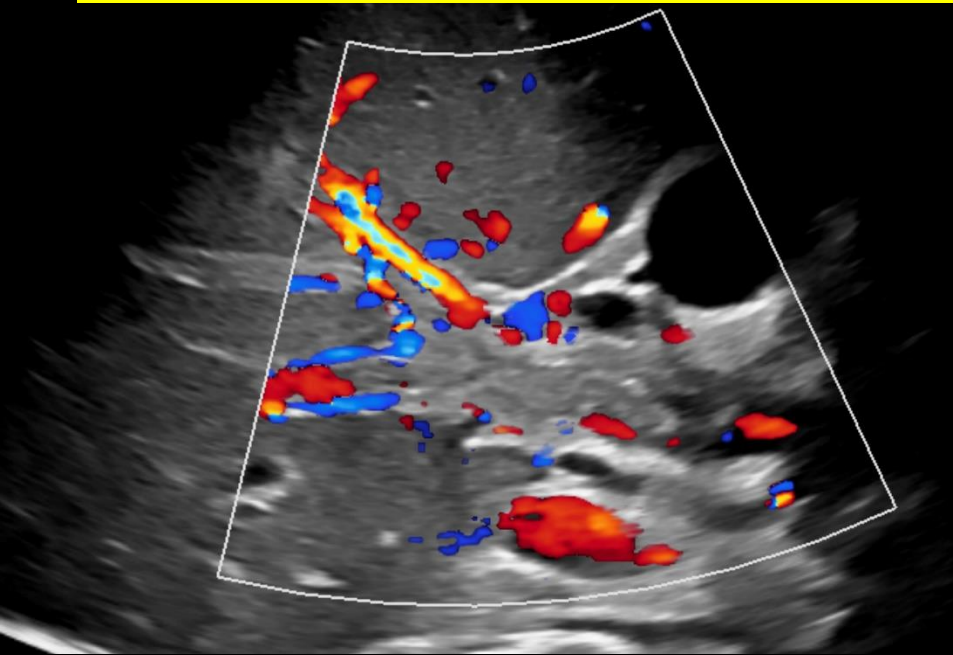
UZ (colon)	
Senzitivita	90 %
Specificita	91 %

MR (colon, slizniční změny)	
Senzitivita	33 %
Specificita	98 %

UZ (colon, slizniční změny)	
Senzitivita	58 %
Specificita	96 %

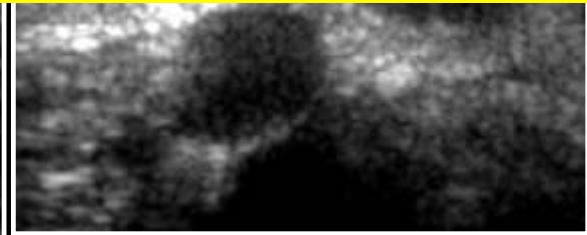
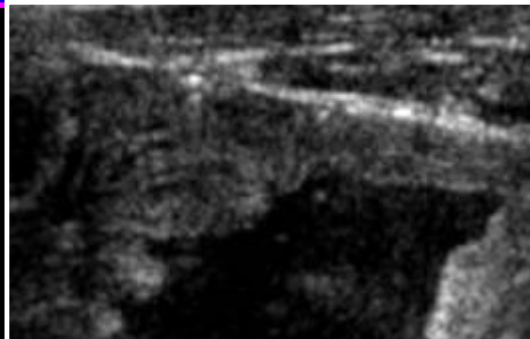
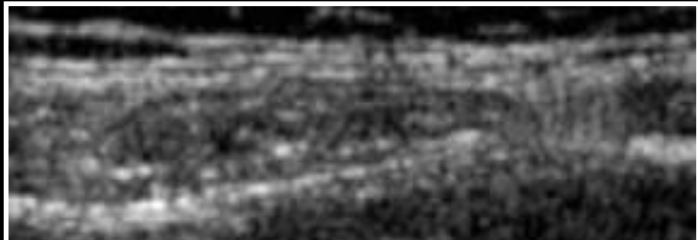


Crohn - fibróza

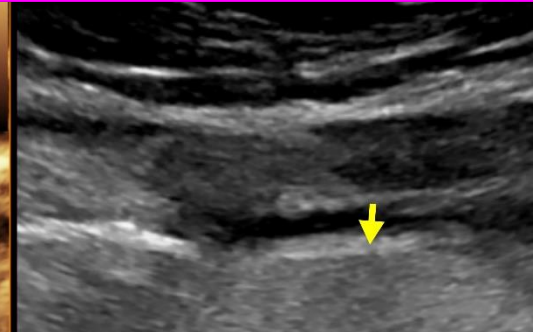
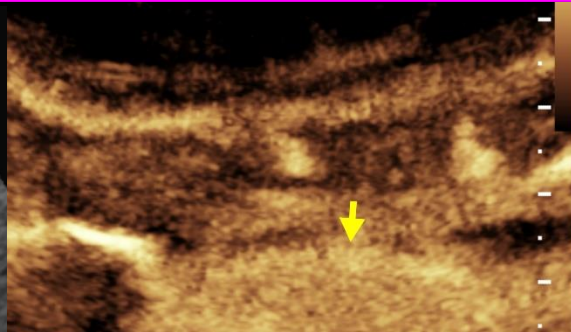


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Celiakie



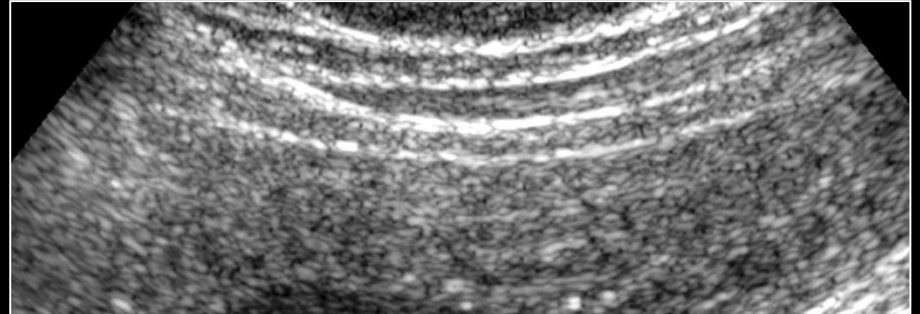
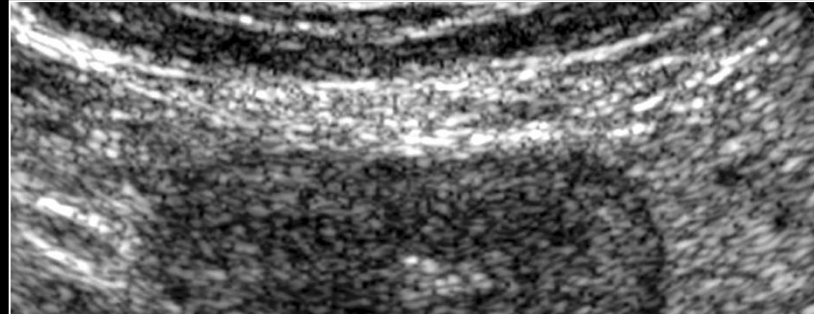
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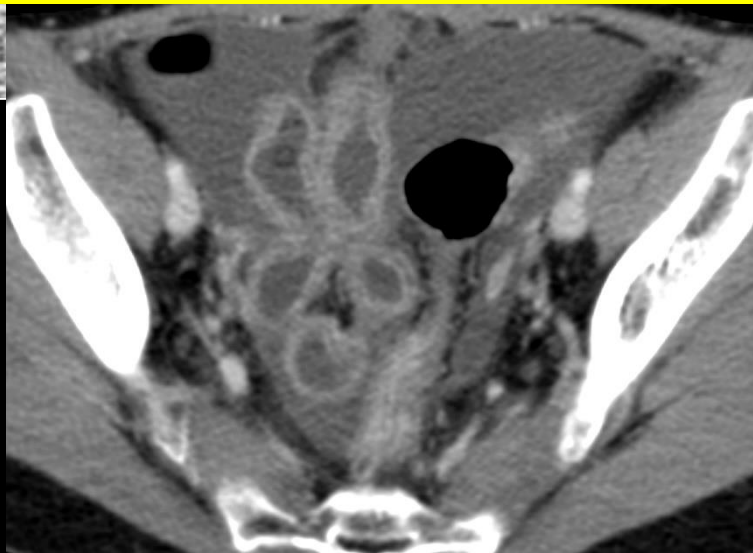
m. Whipple



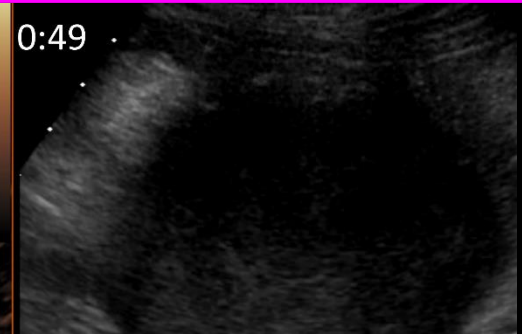
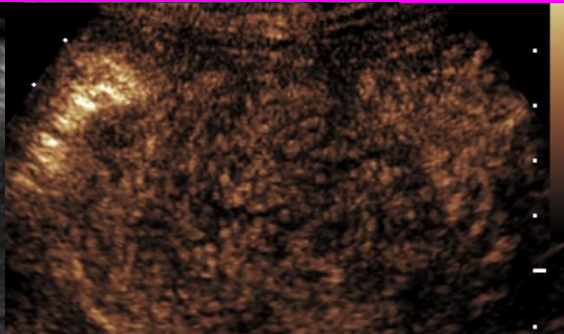
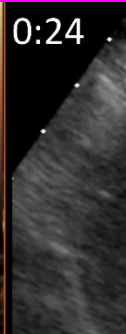
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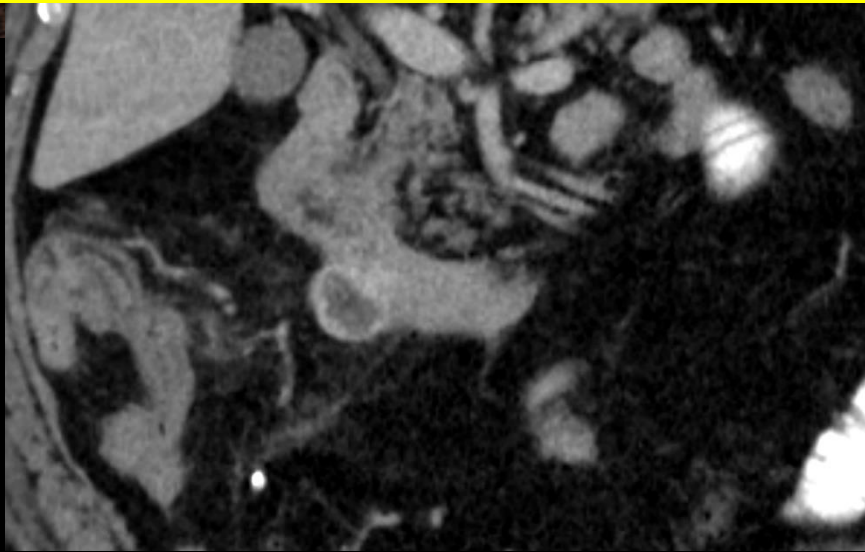
Poradiační enteritida



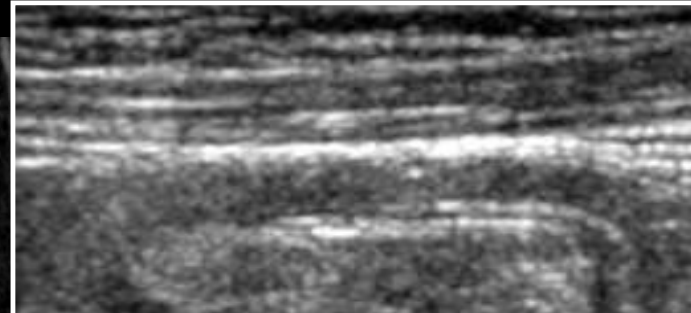
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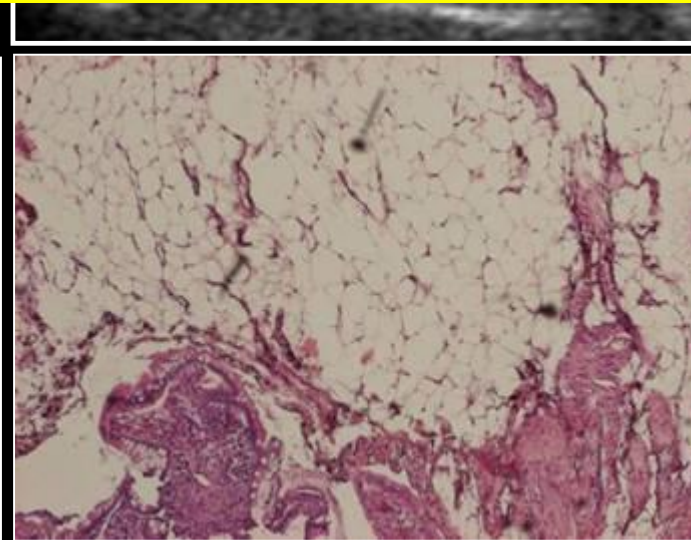
GIST



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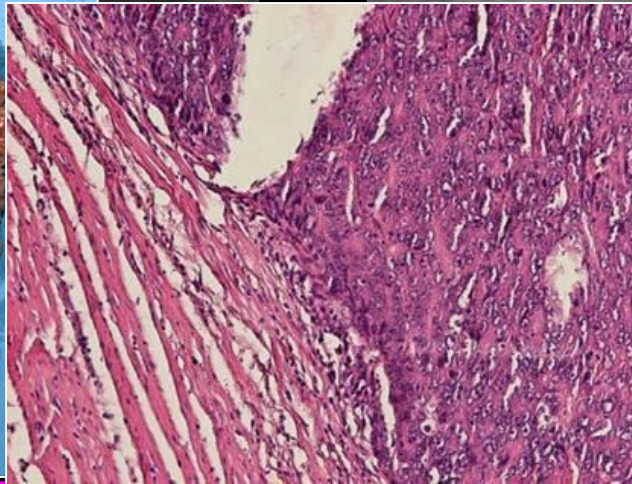
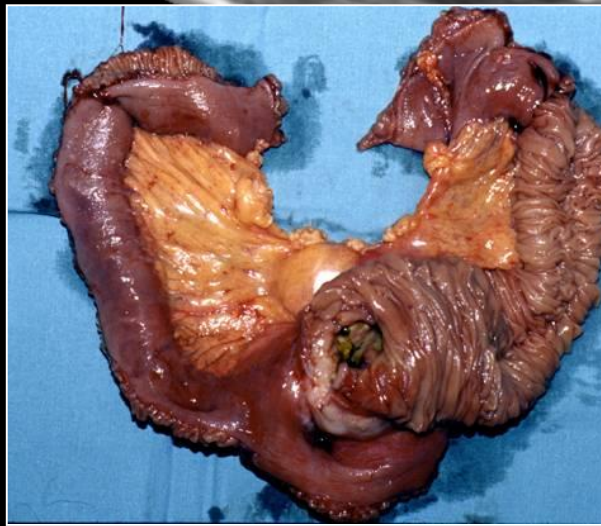


Lipom

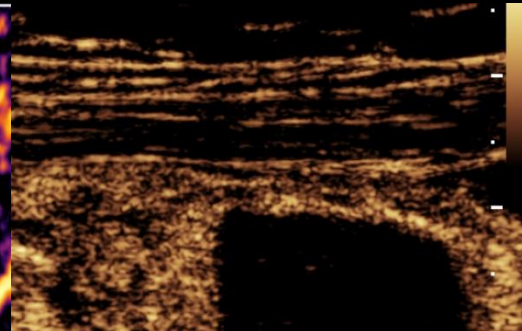
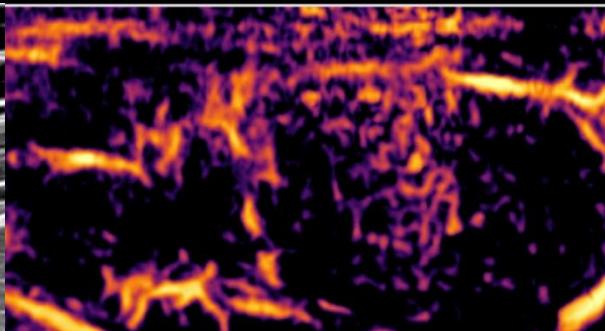
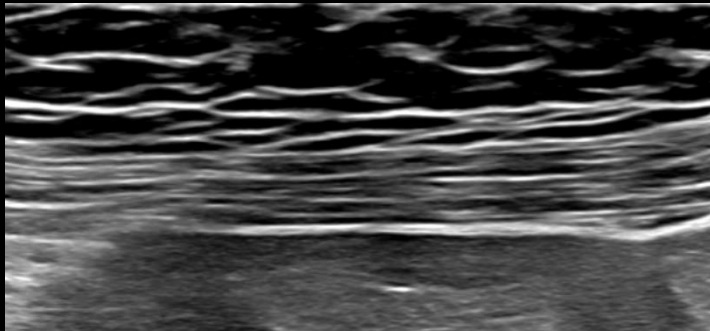


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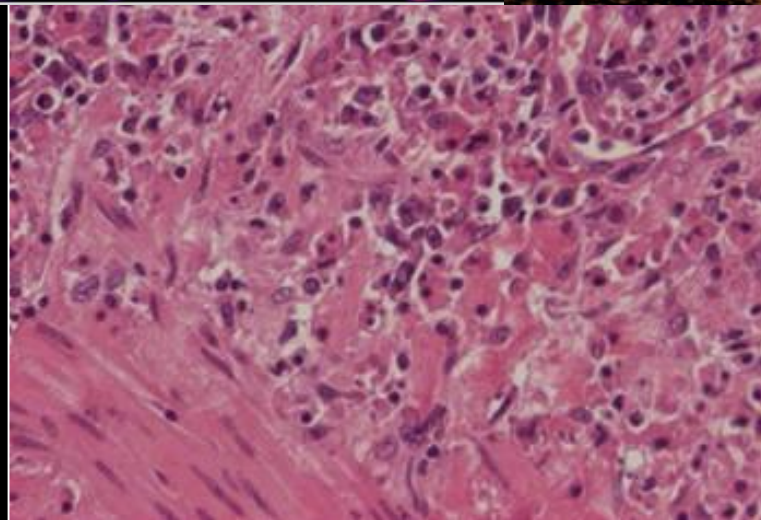
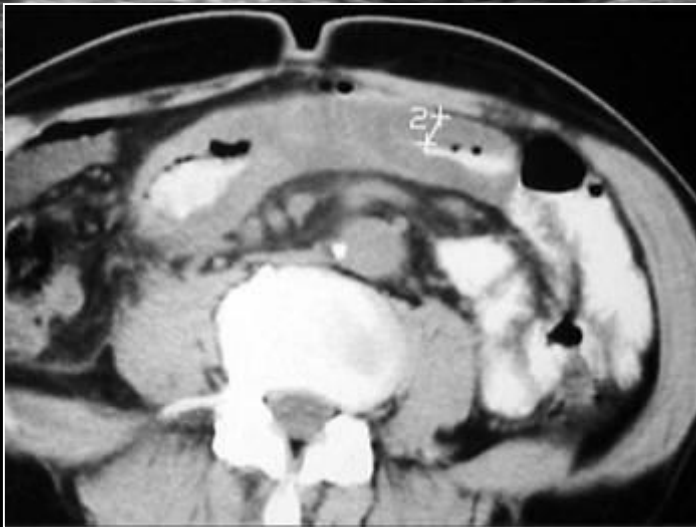
Adenokarcinom



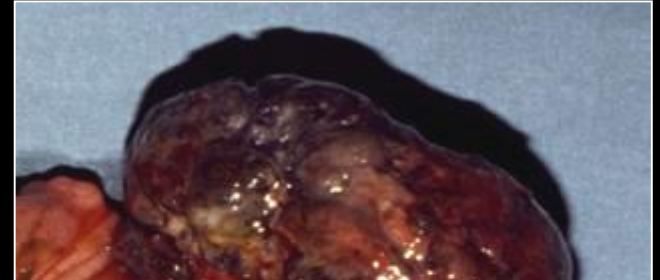
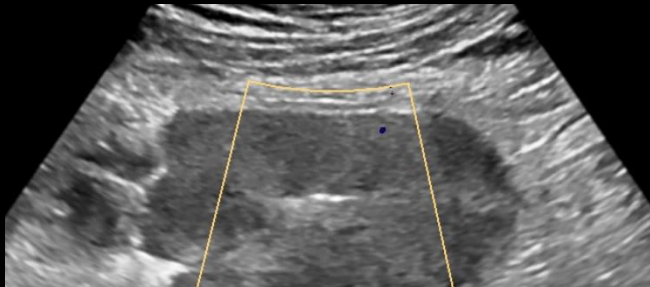
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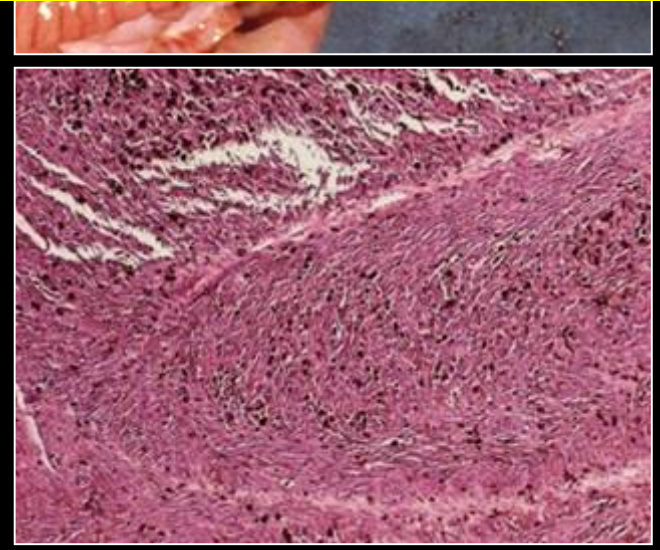
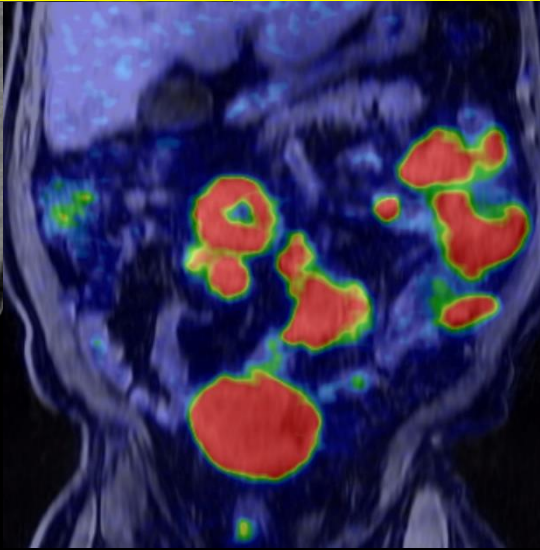
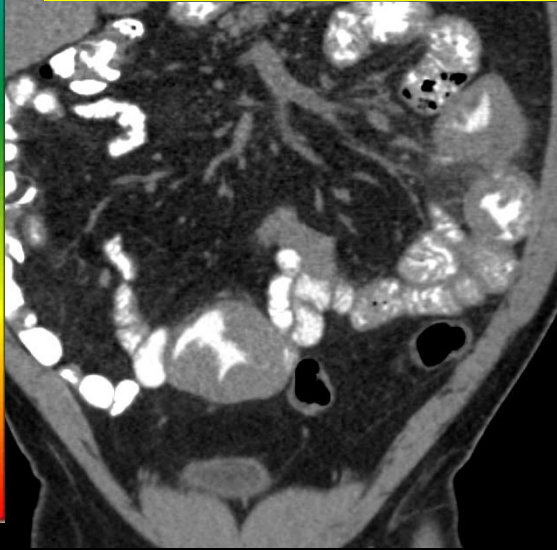
Lymfom



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Metastáza melanom

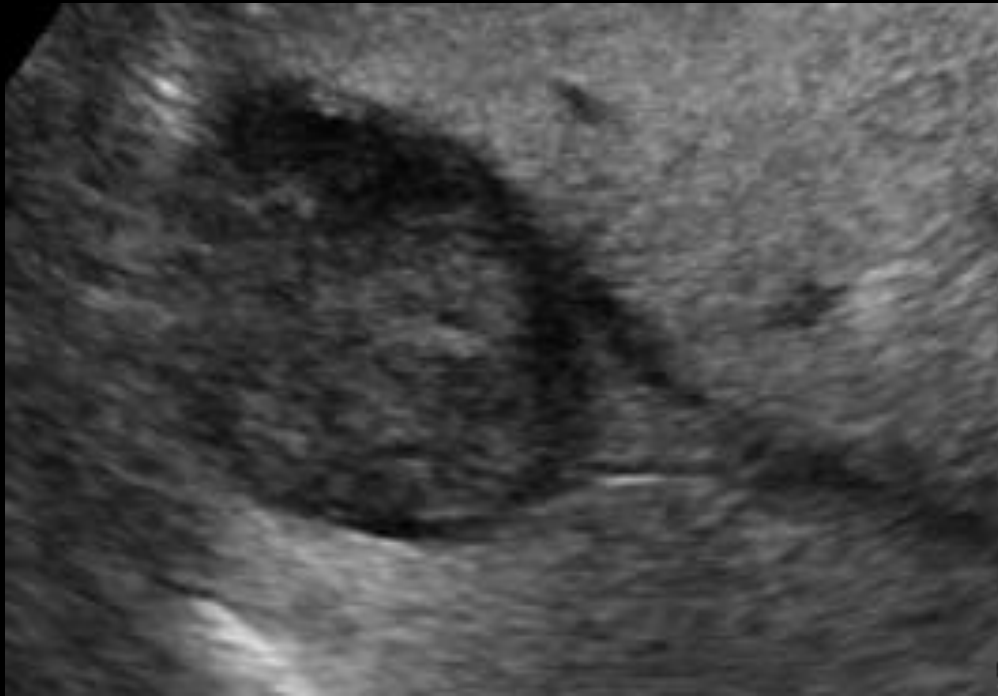


Játra

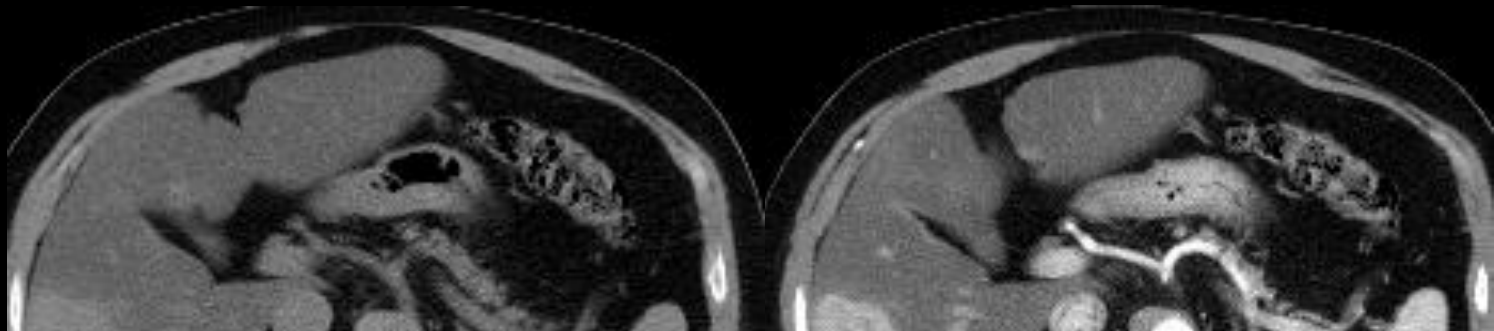
Na co se soustředit

**Muž, hepatitida v anamnéze, roč. 54,
sledovaný.**

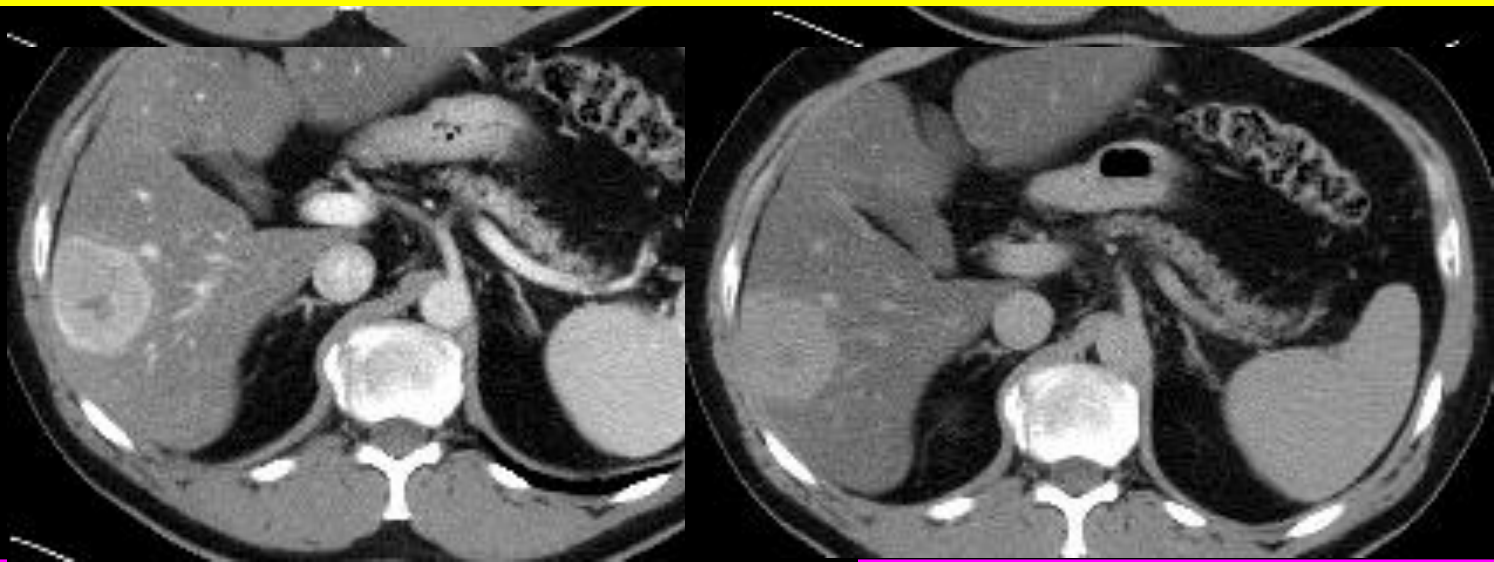
FNH??



Hemangiom??



HCC



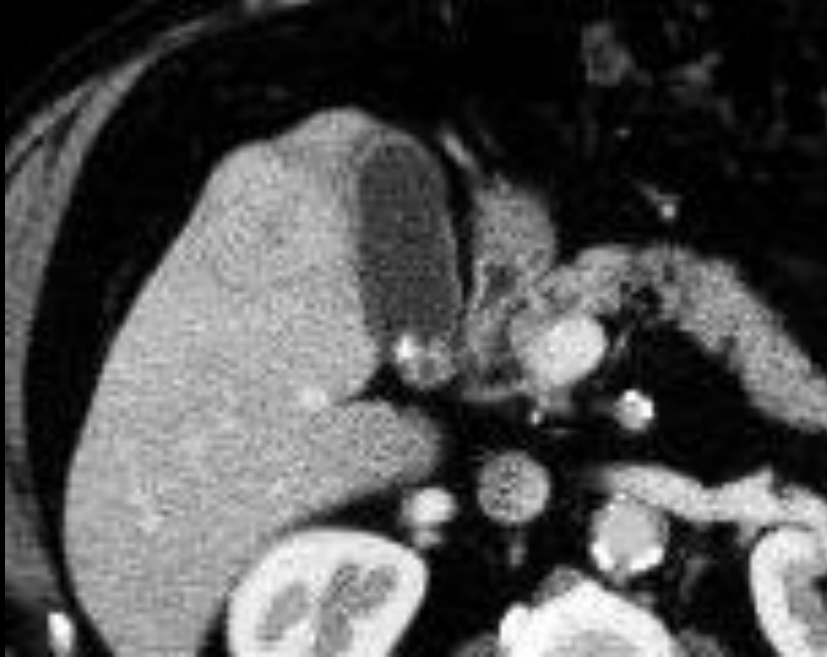
Na co se soustředit

Muž, cirhóza, sledovaný, roč. 40

Benigní??



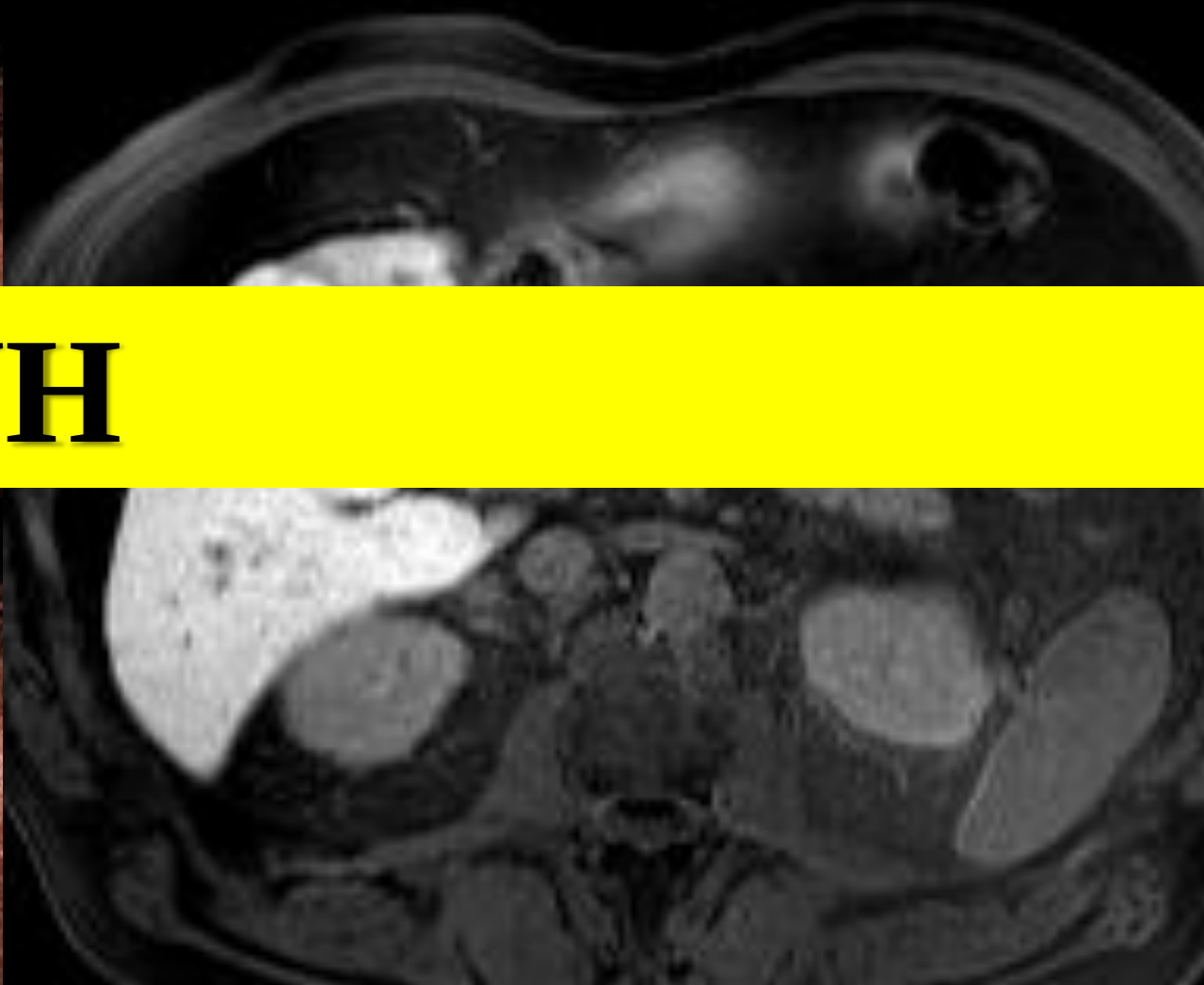
Benigní??



Benigní??

1940

FNH



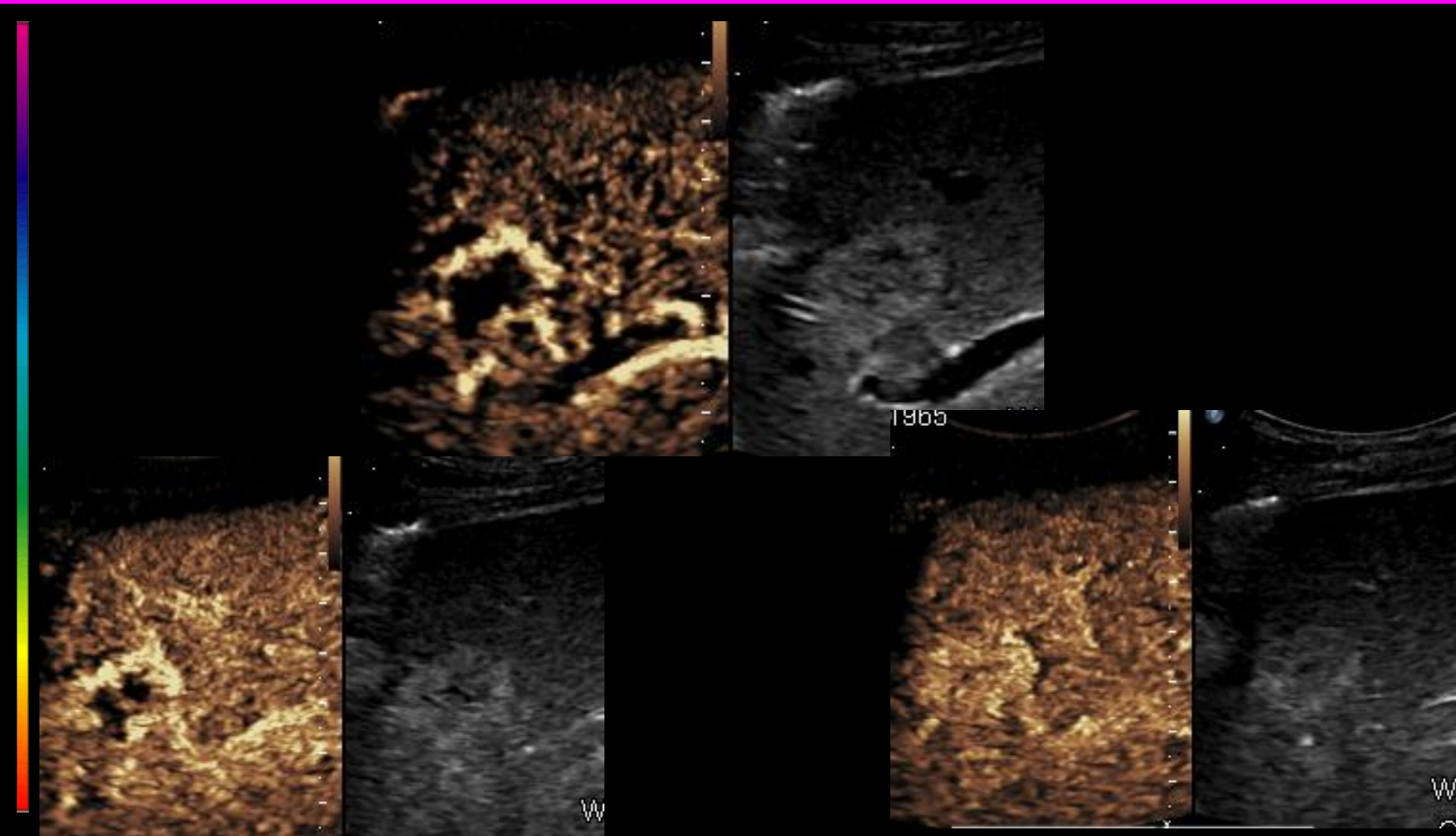
Na co se soustředit

Muž, náhodný nález, roč. 65.

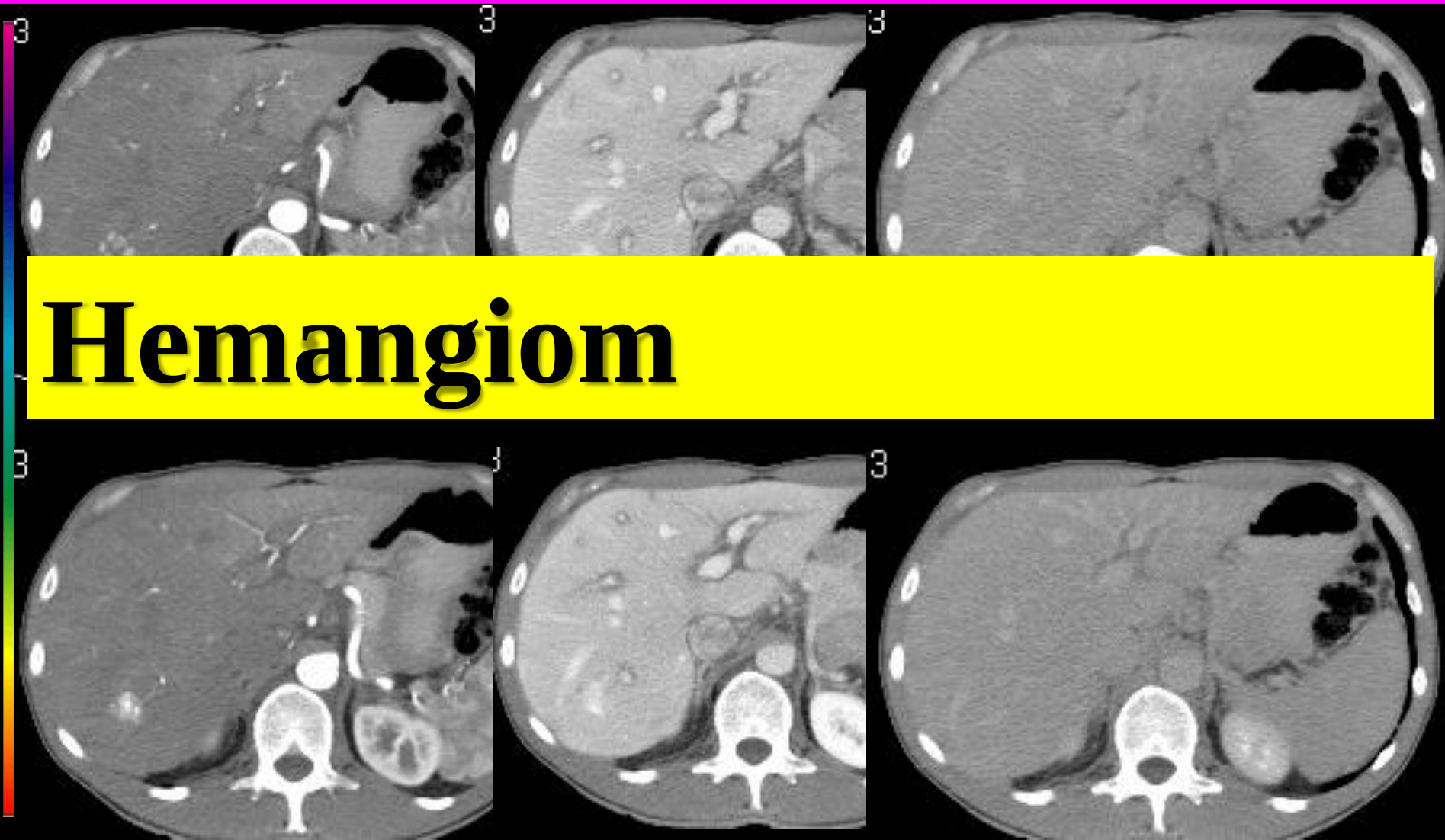
Hemangiom??



Hemangiom??



Hemangiom??



Děkuji za pozornost