



2025

KARNATAKA RADIOLOGY EDUCATION PROGRAM

# CASE PRESENTATION

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Dept. of radio-diagnosis  
JJMMC DAVANGERE**

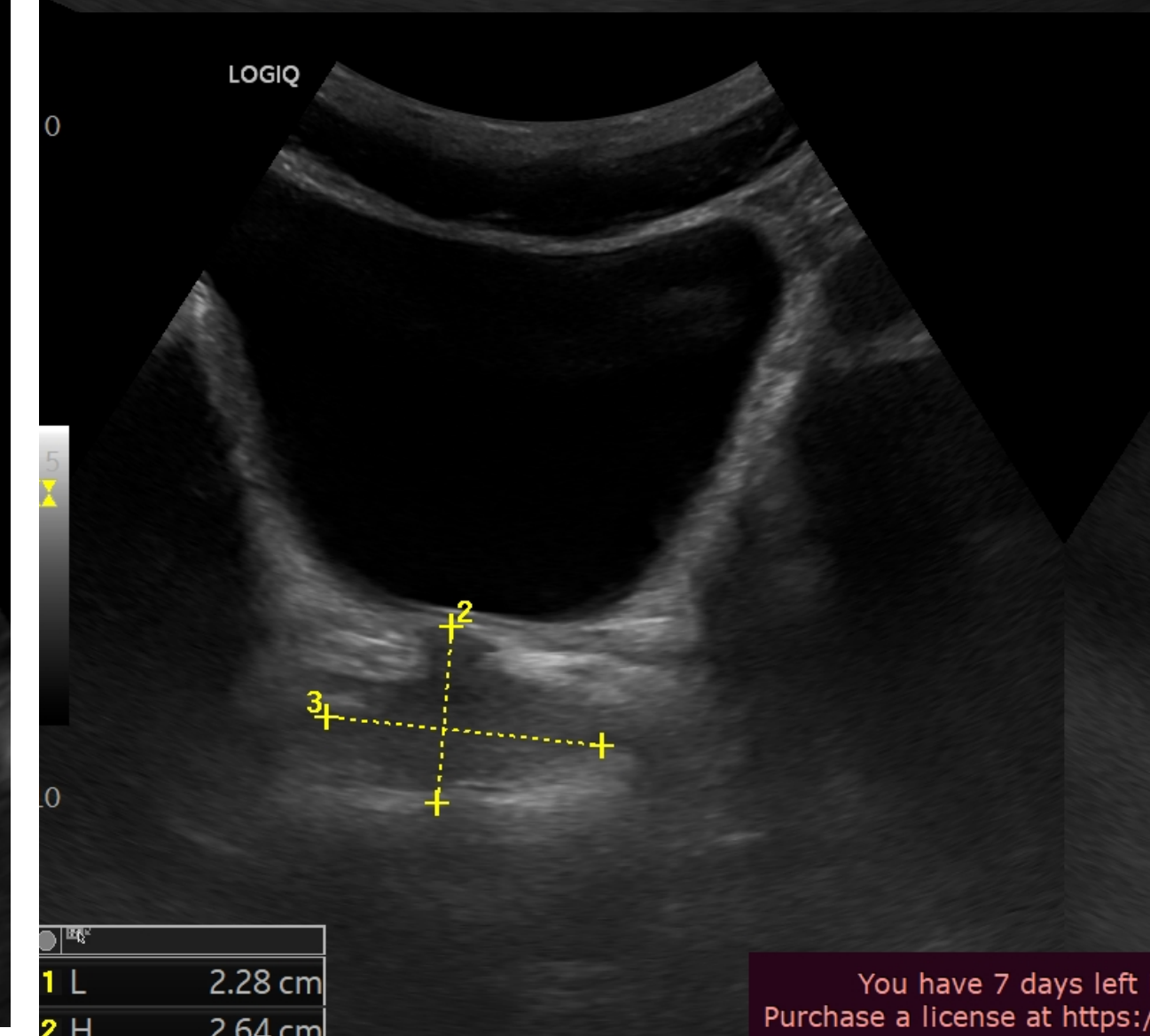
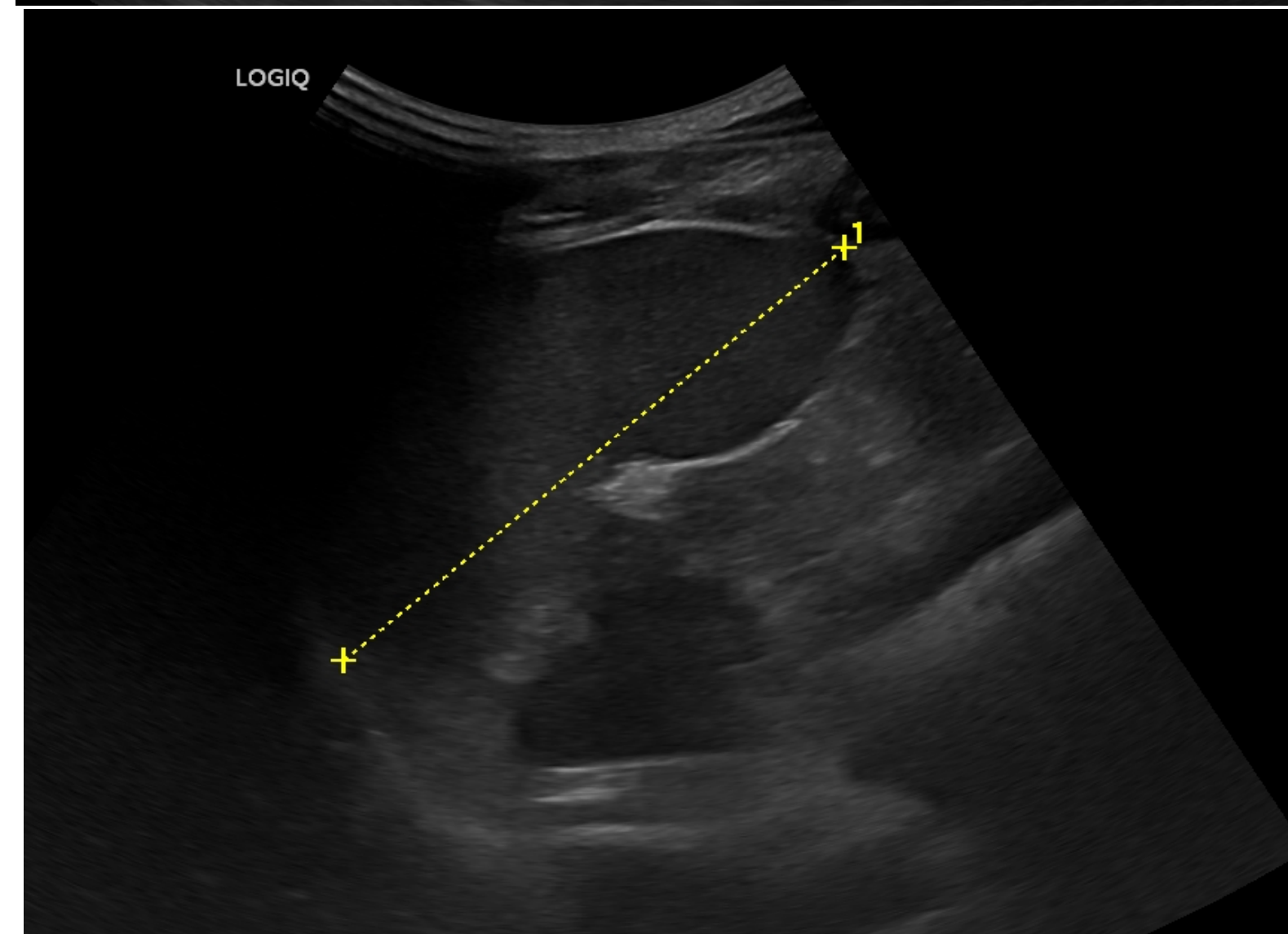
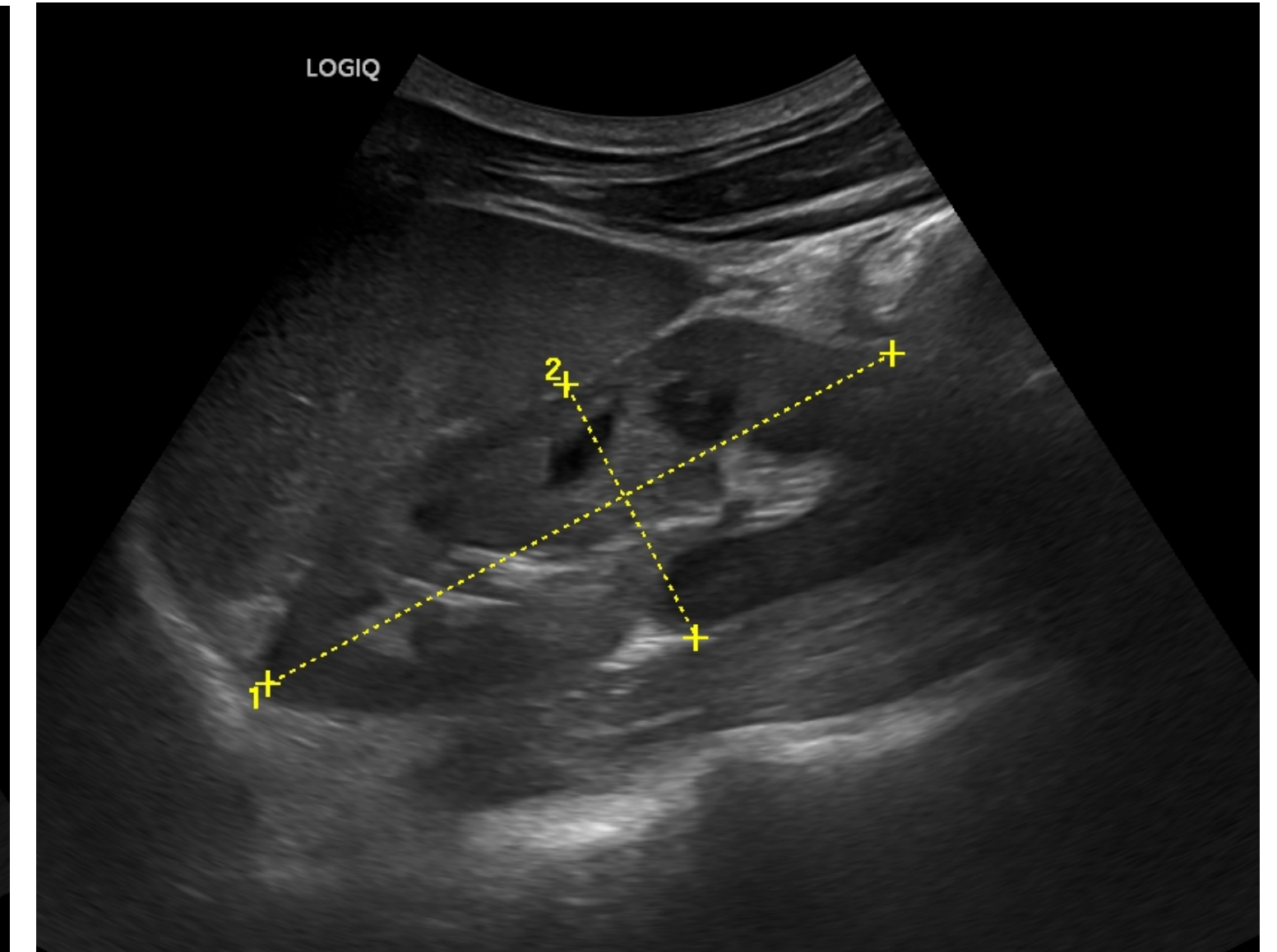
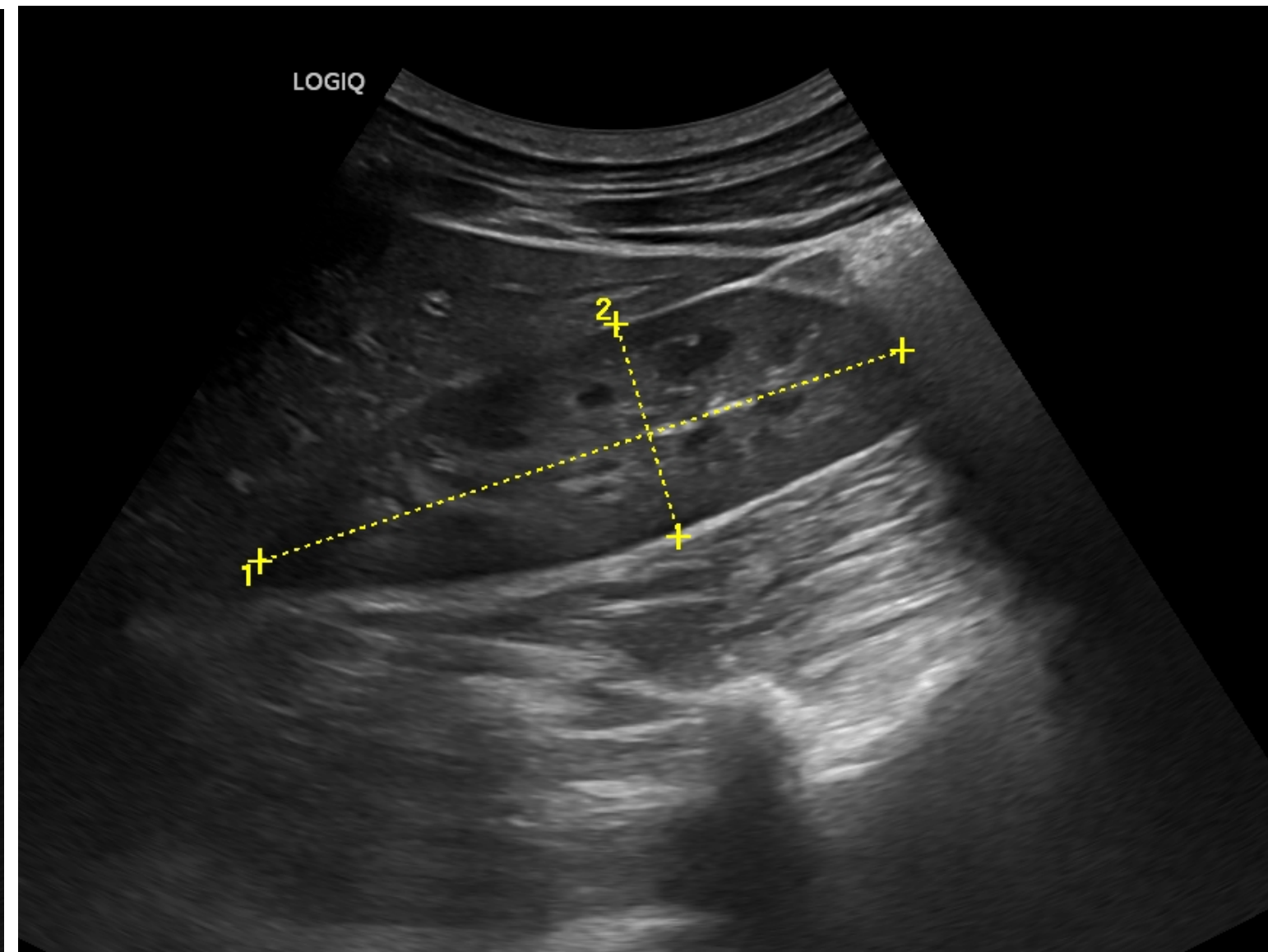
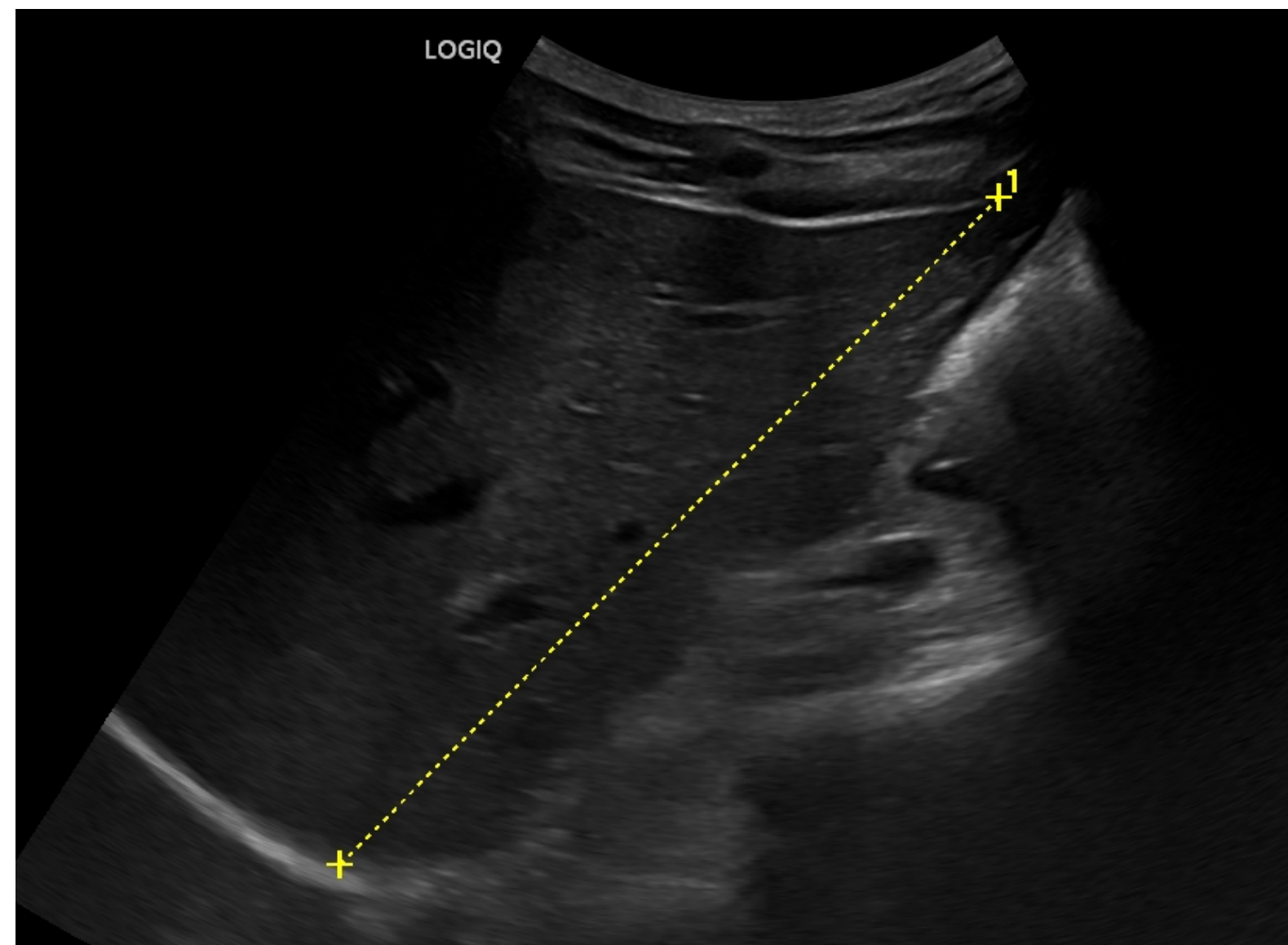
**PRESENTOR: Dr Ananya, PG resident**

# Clinical History

- 21year old , male presented with
- c/o pain abdomen intermittent
- c/o few episodes of loose stools

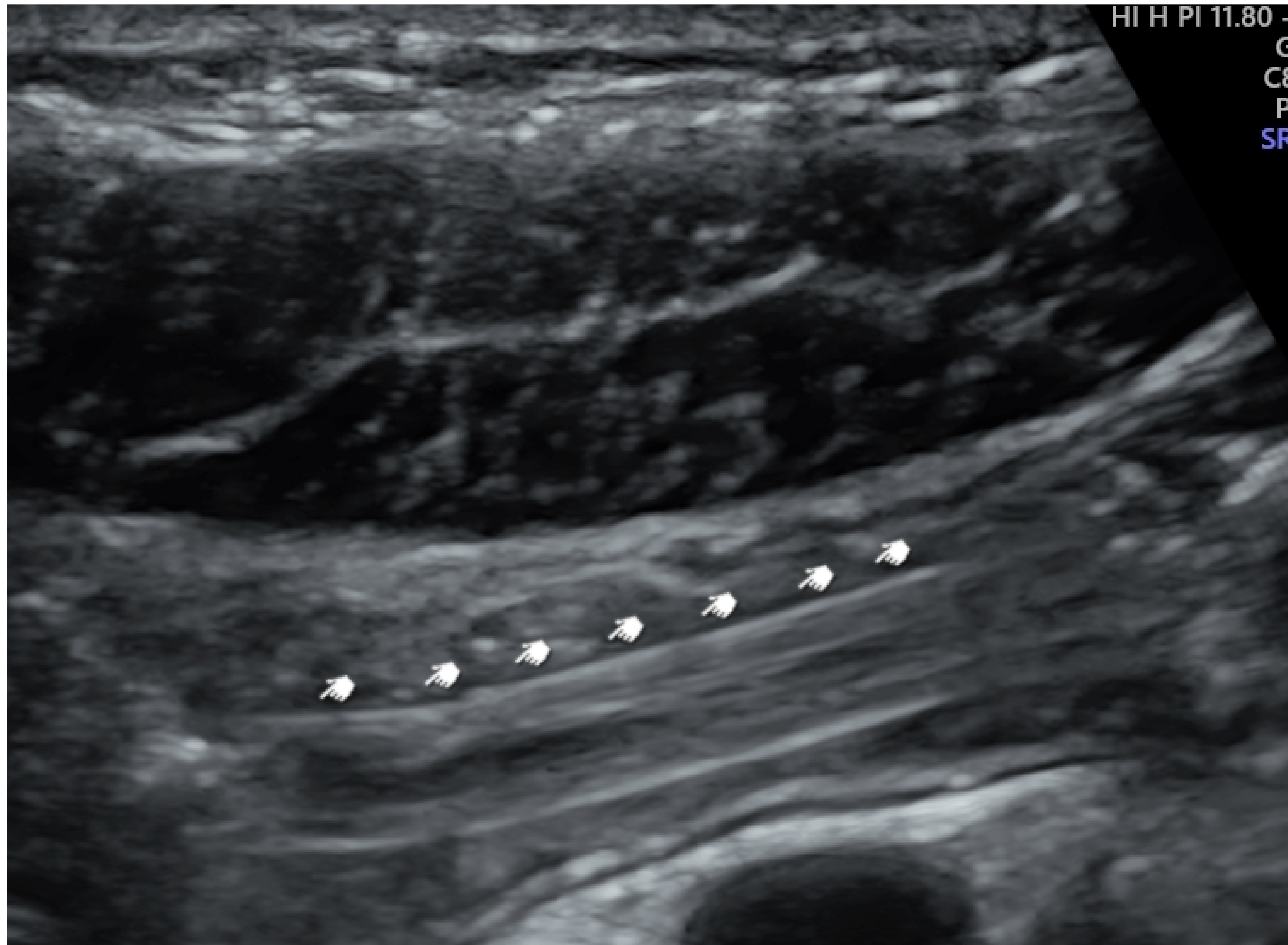
Since past 20days

- No h/o fever/blood in stools/constipation/weight loss
- No h/o prev surgeries/hospitalisation/habits
- On examination, no e/o tenderness/guarding , normal bowel sounds were heard

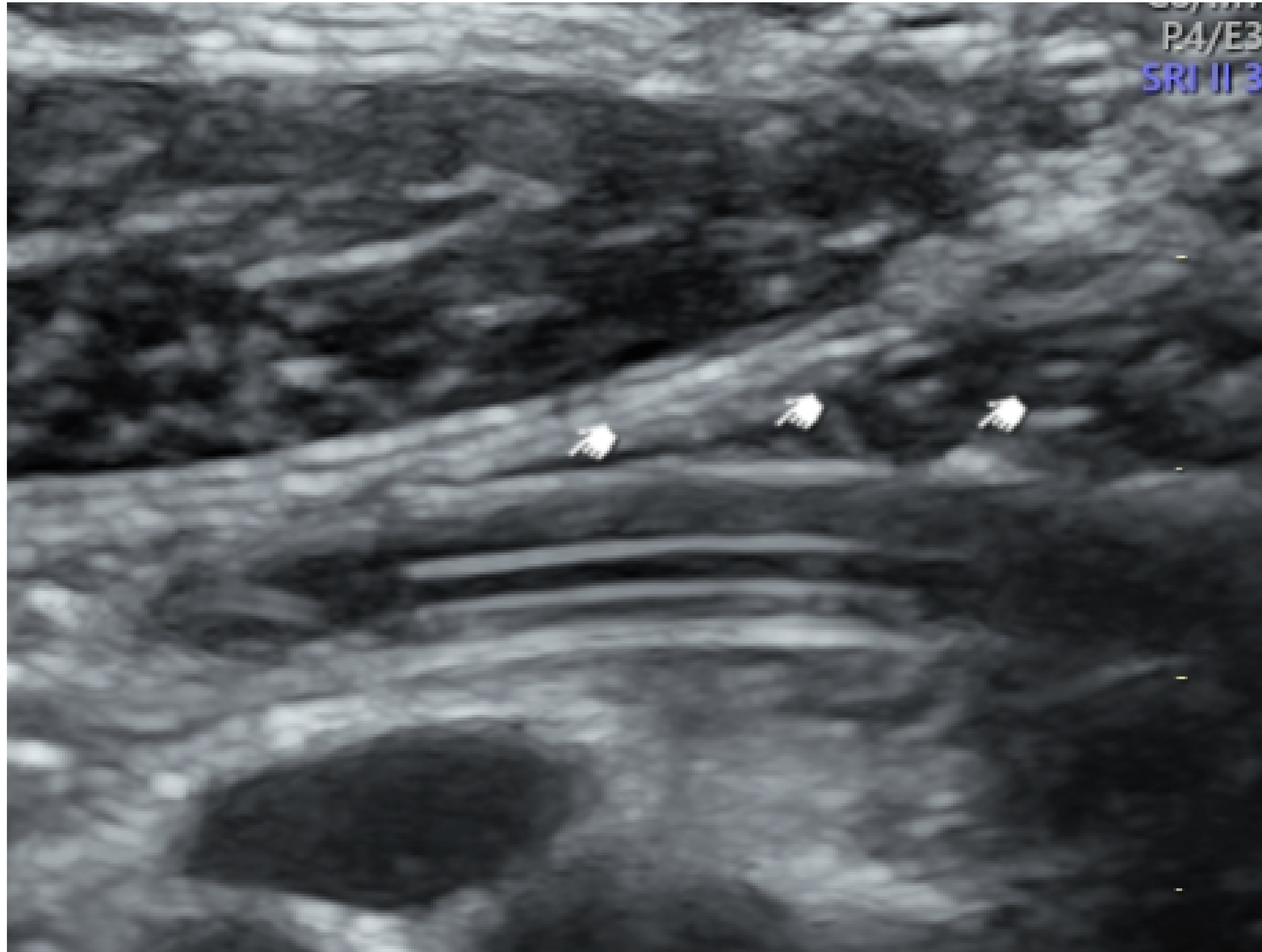


Visualized solid organs, pancreas and bladder appeared normal in size, shape and echopattern.

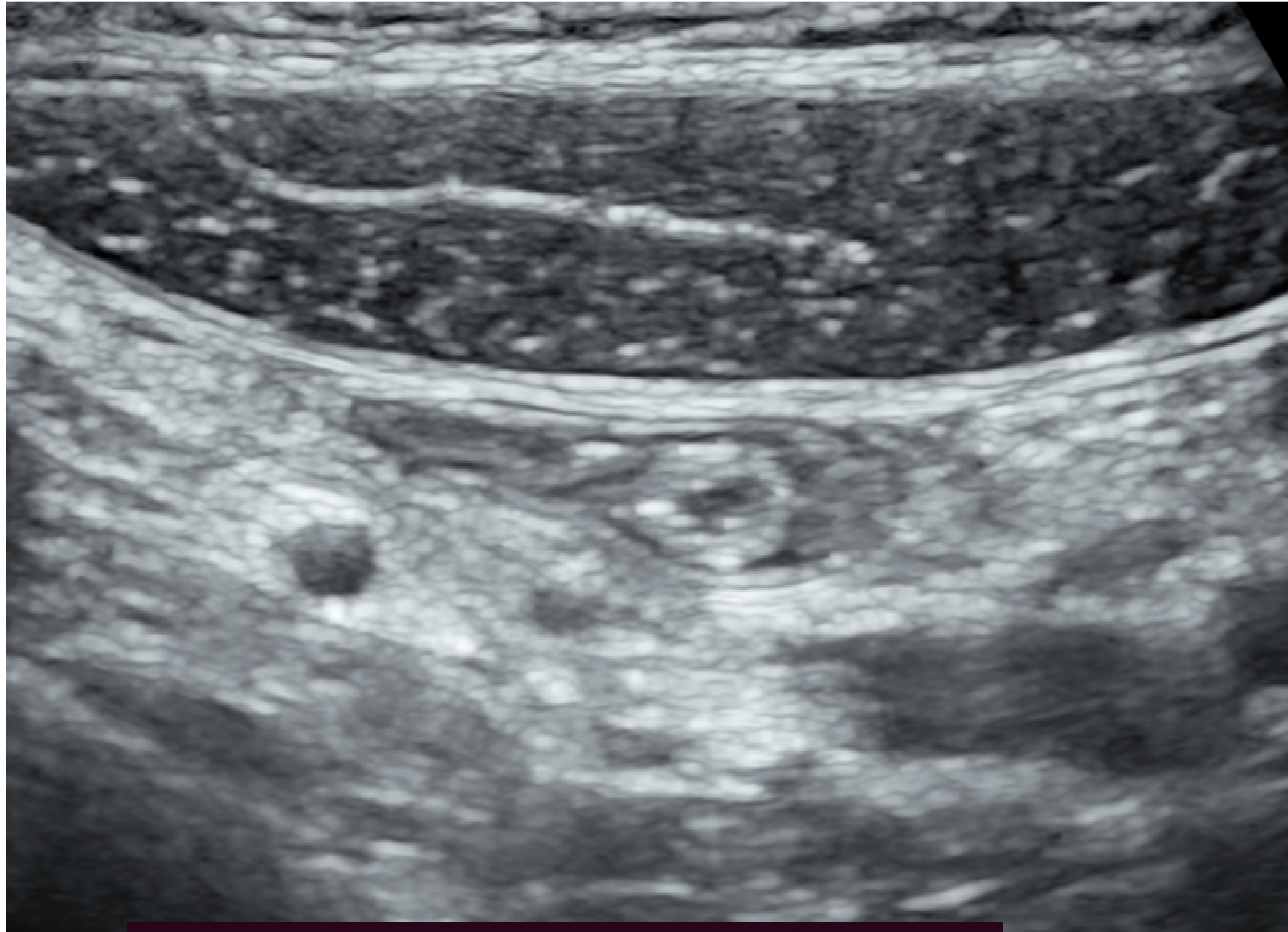




On visualizing distal ileal loops, long well define hypoechoic - anechoic tubular structure was noted within the lumen - worm



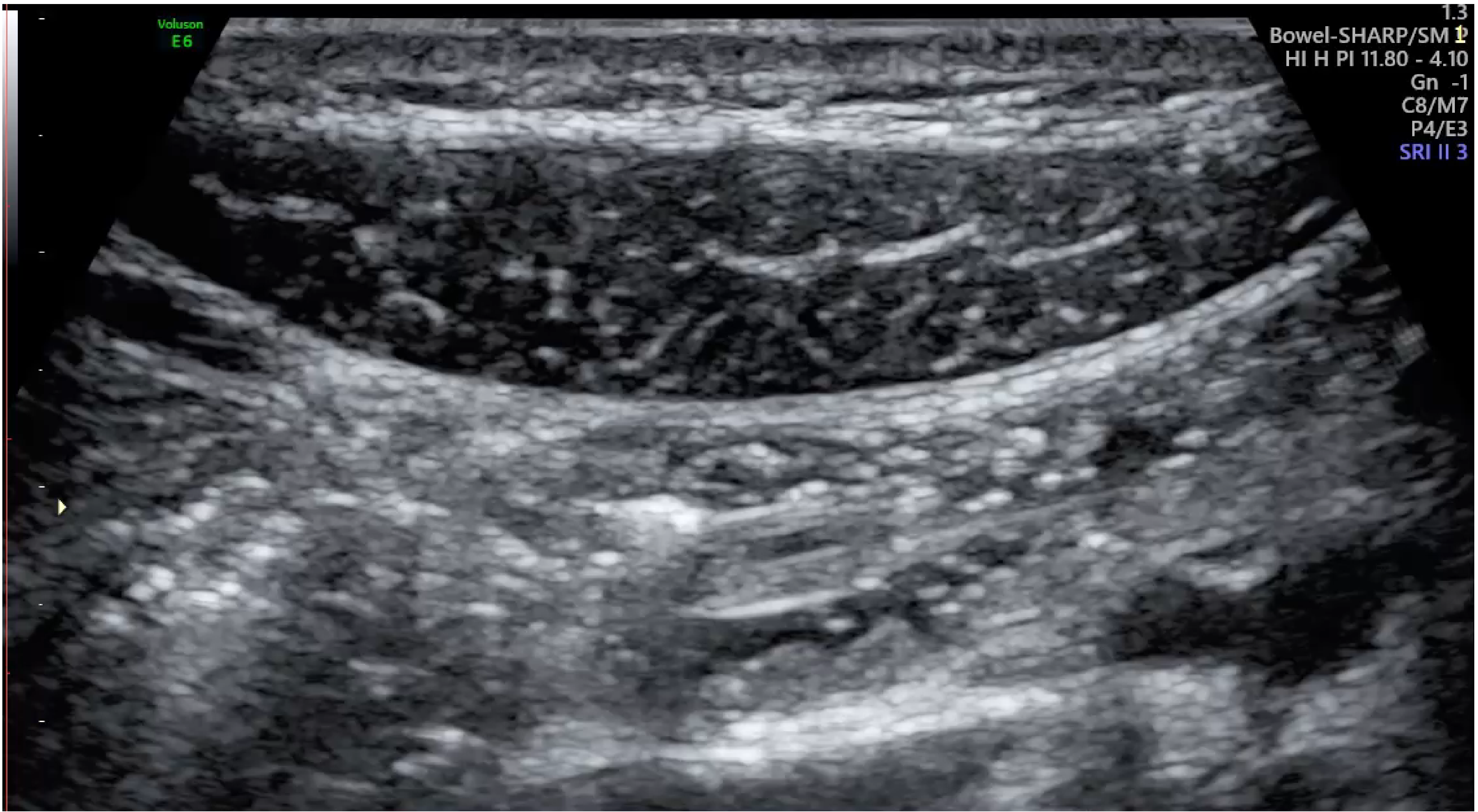
In long axis, the worm appeared as four echogenic parallel lines separated by three anechoic bands. The inner anechoic band represents distended fluid filled alimentary canal of the worm - **“inner tube sign”**.



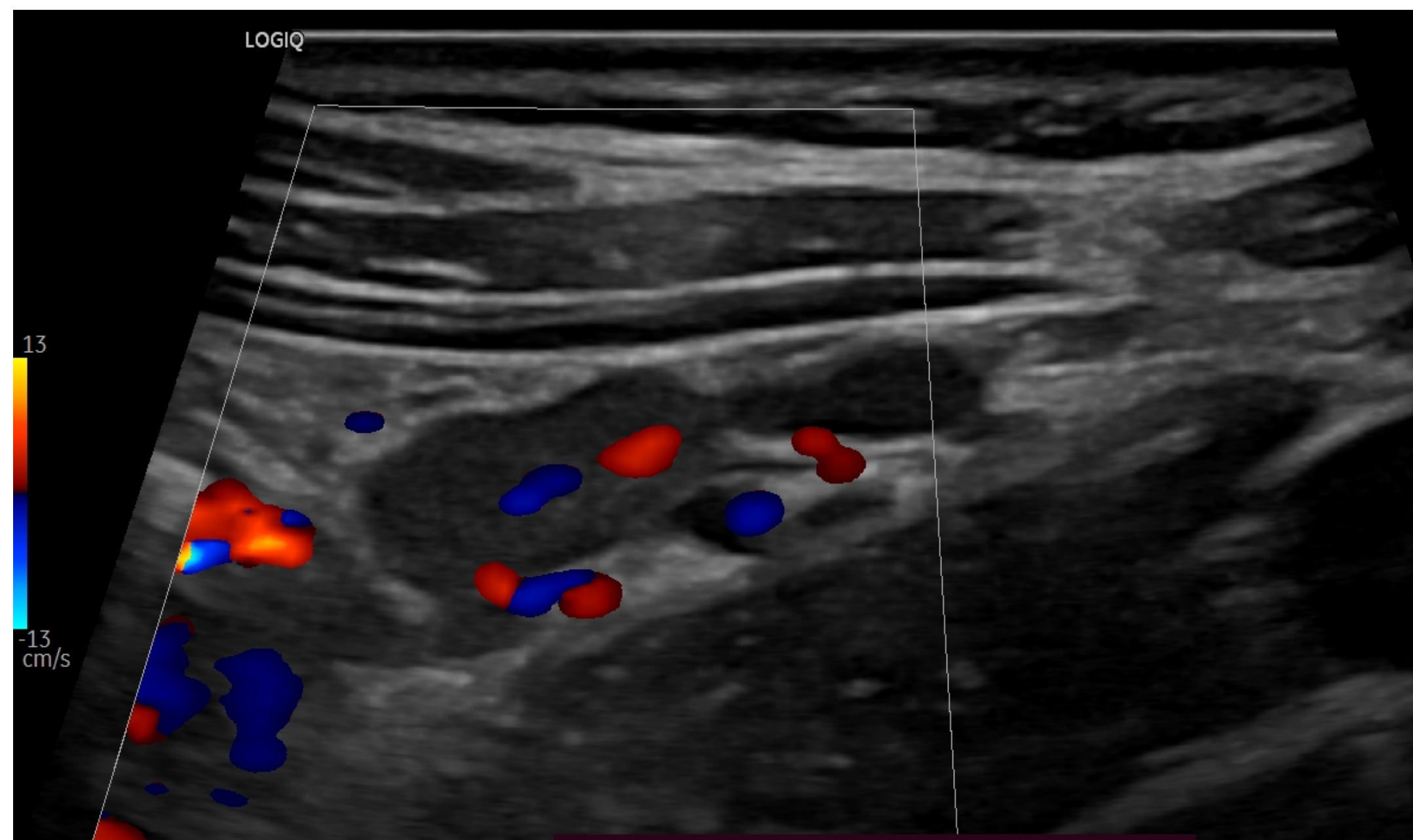
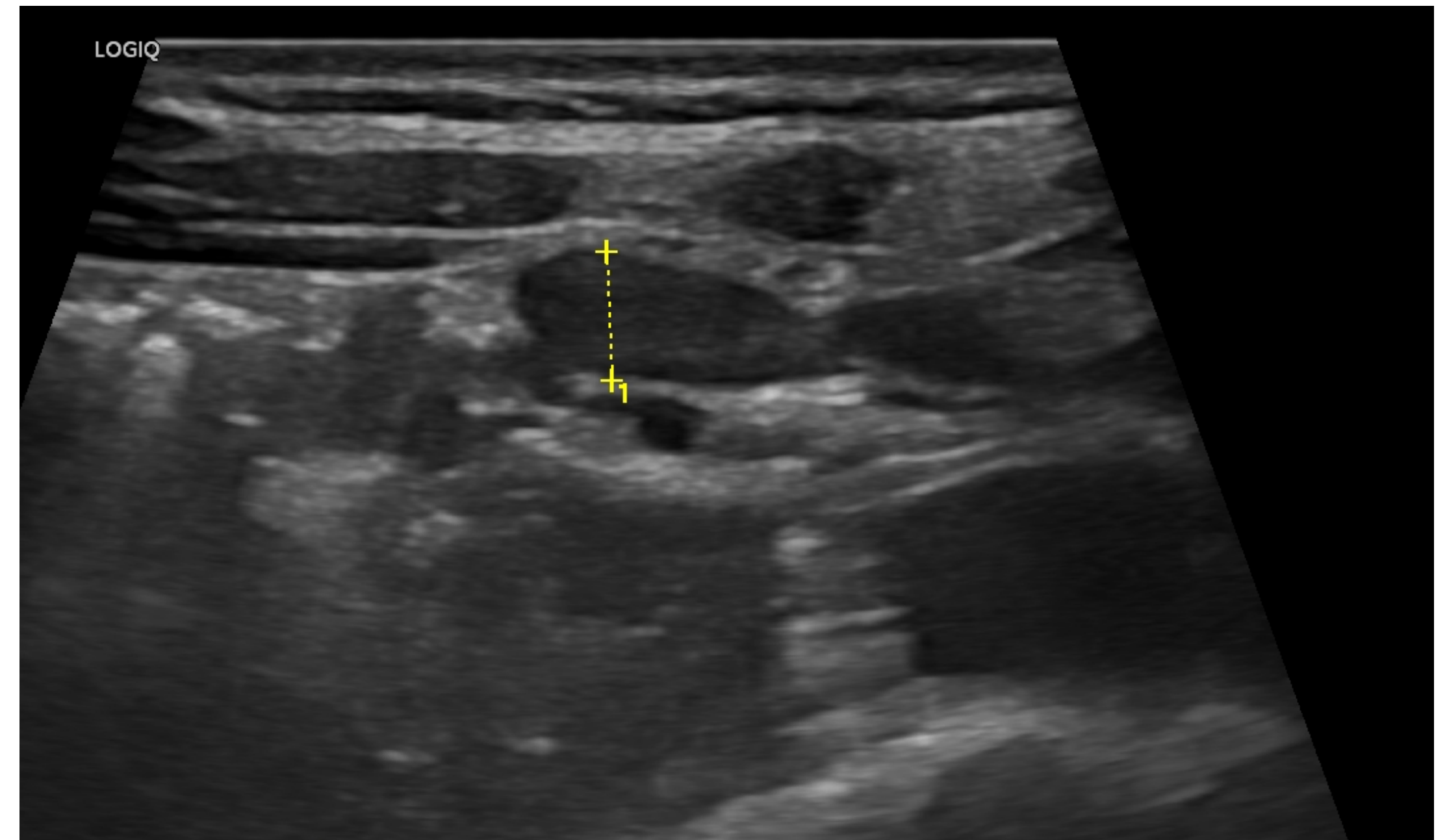
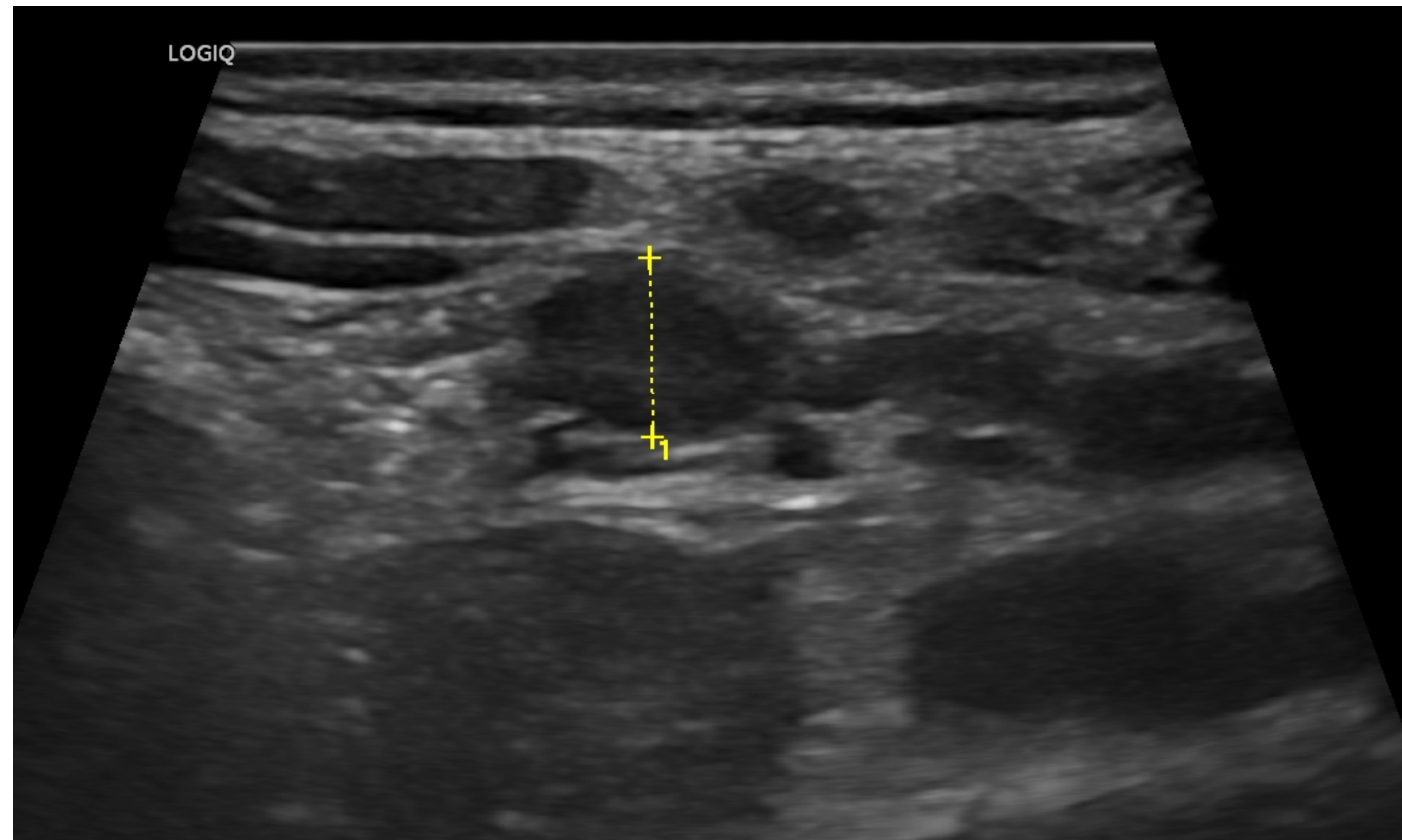
In cross section, it is round with central anechoic area giving **“target sign”**

Voluson  
E6

1.3  
Bowel-SHARP/SM 1  
HI H PI 11.80 - 4.10  
Gn -1  
C8/M7  
P4/E3  
SRI II 3





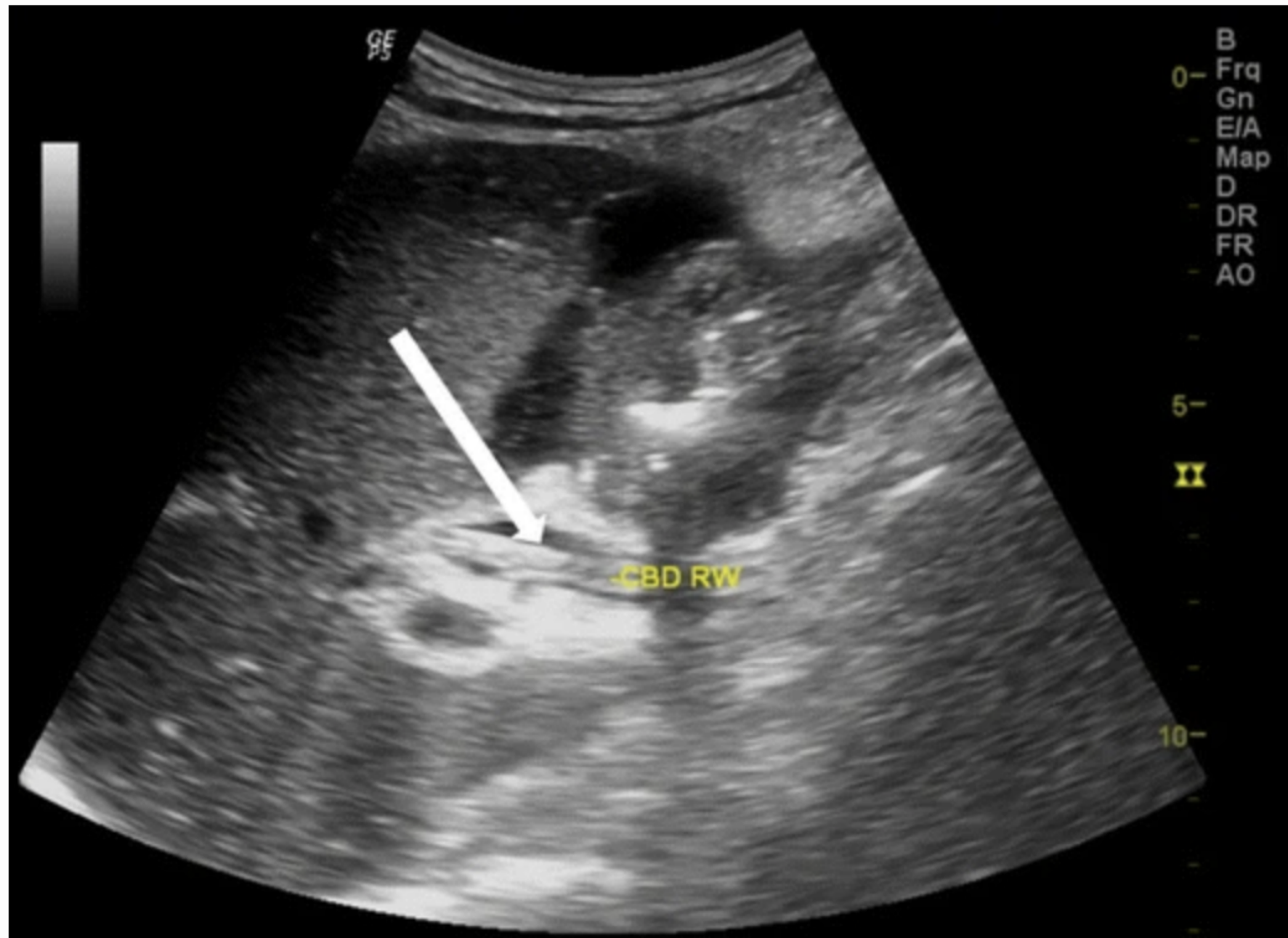


Multiple subcentrimetric and few enlarged lymph nodes noted in umbilical region and RIF with maintained hilar fat pad and vascularity.

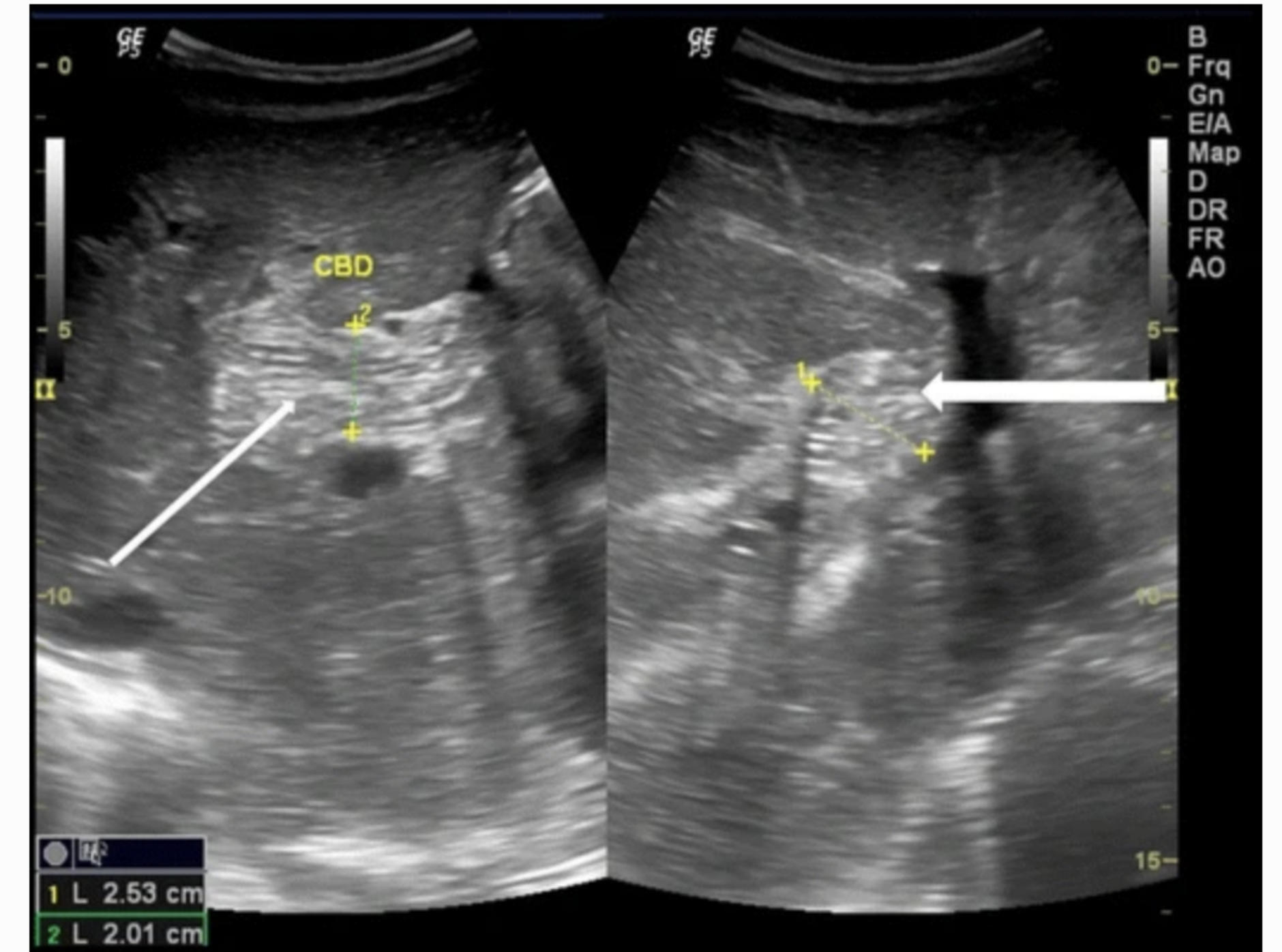


# Impression

- Hypoechoic to anechoic lengthy tubular structure with well defined echogenic walls within the lumen of small bowel, showing inner tube sign - **S/O Parasitic intestinal infestation - Ascariasis**
- Mesenteric lymphadenopathy



A patient with acute epigastrium, CBD showing double linear echogenic wall indicating ascariasis "strip sign" (*white arrow*)



A 35-year-old male with acute abdomen showing pseudotumour-like shadows in the CBD (*thick white arrow*). Note that the spaghetti sign is seen in the long section (*thin white arrow*)