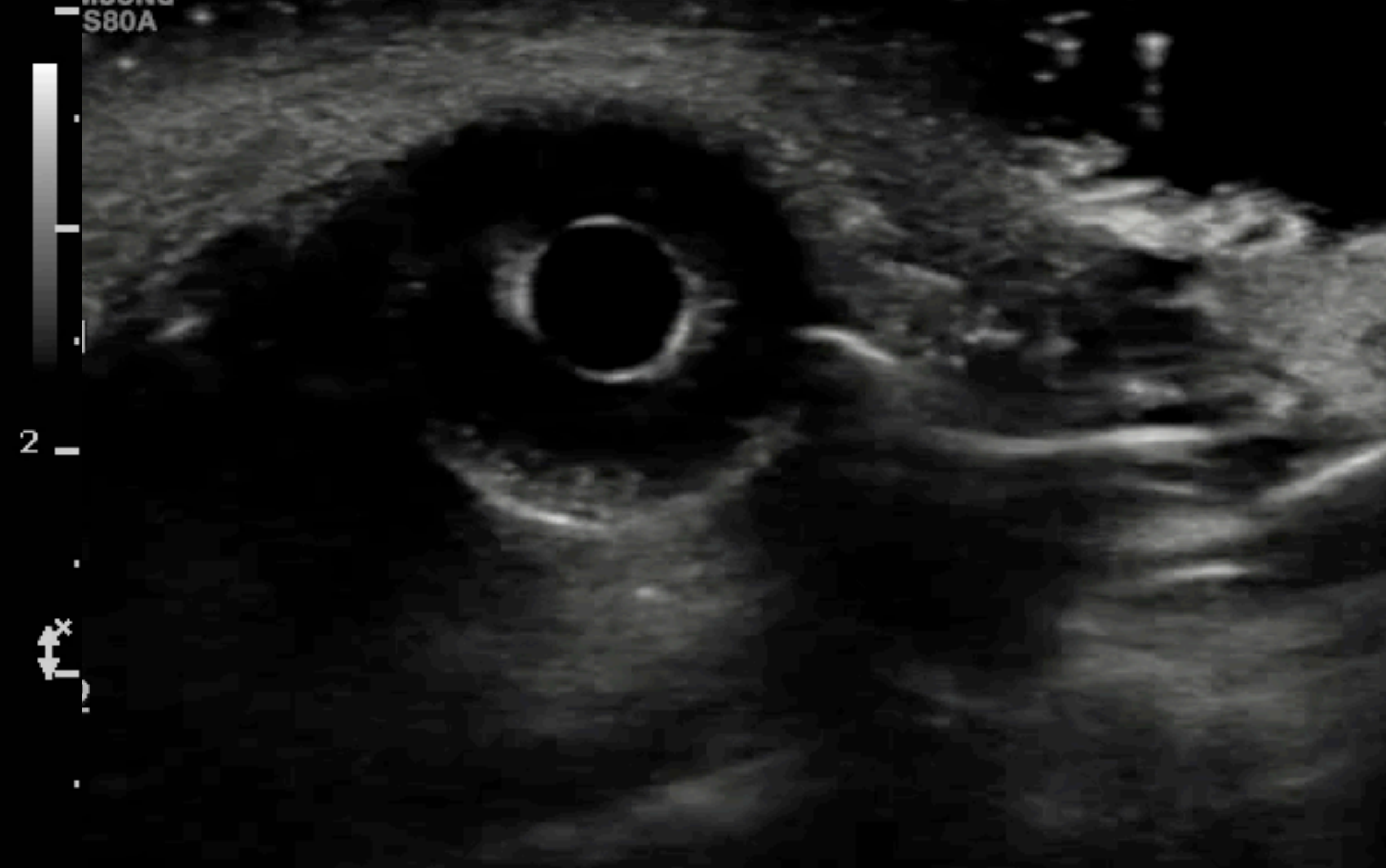
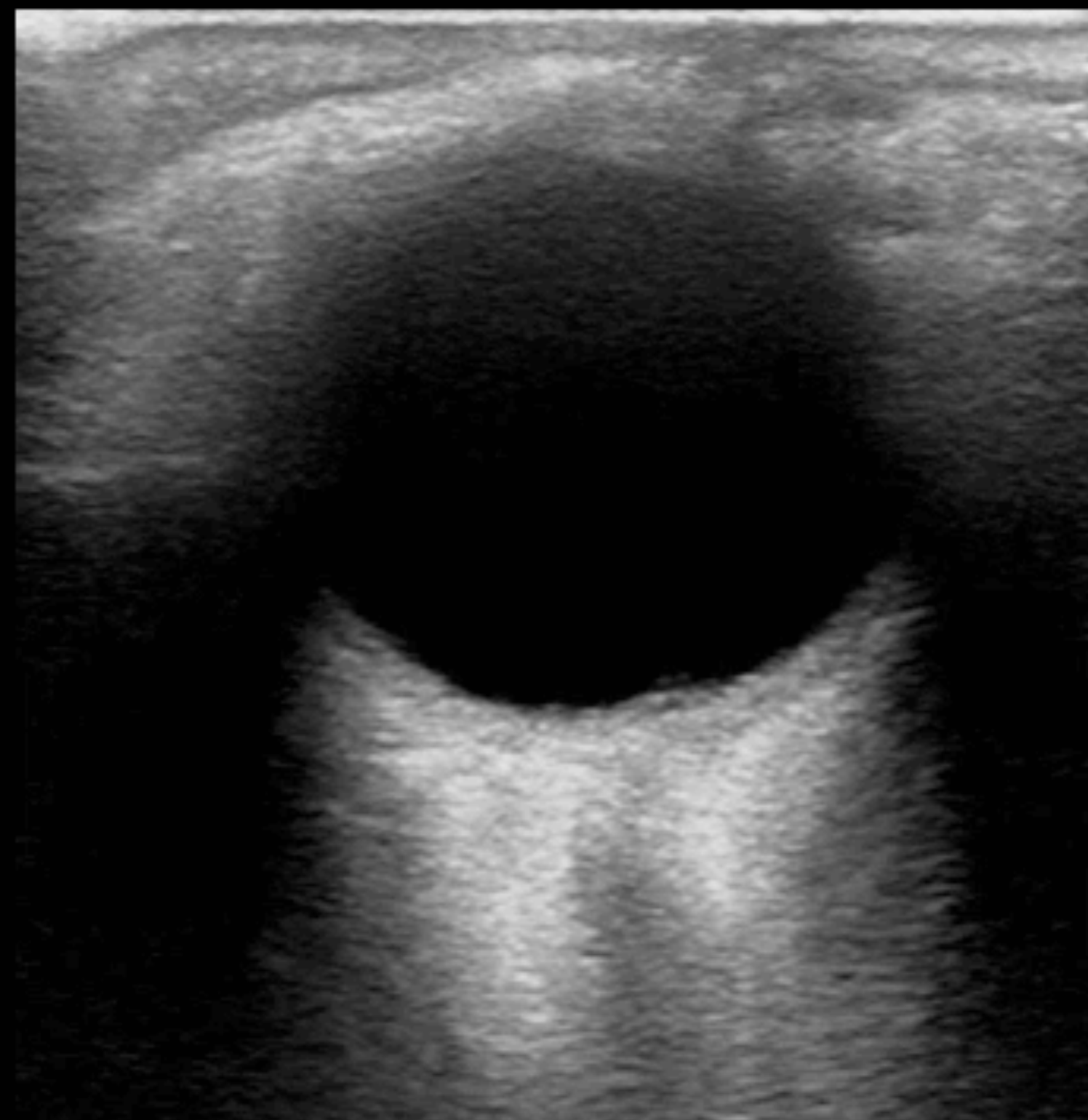




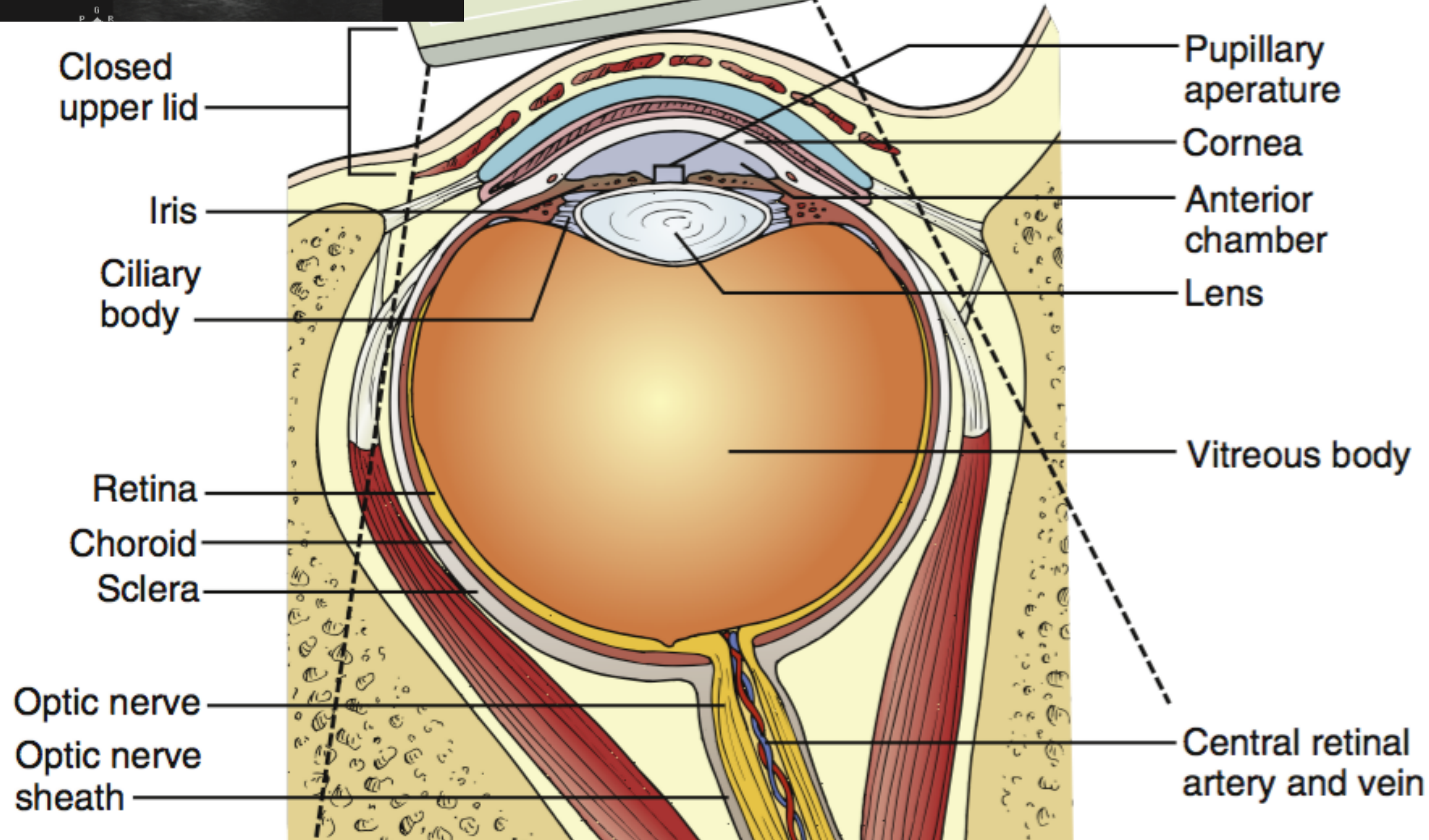
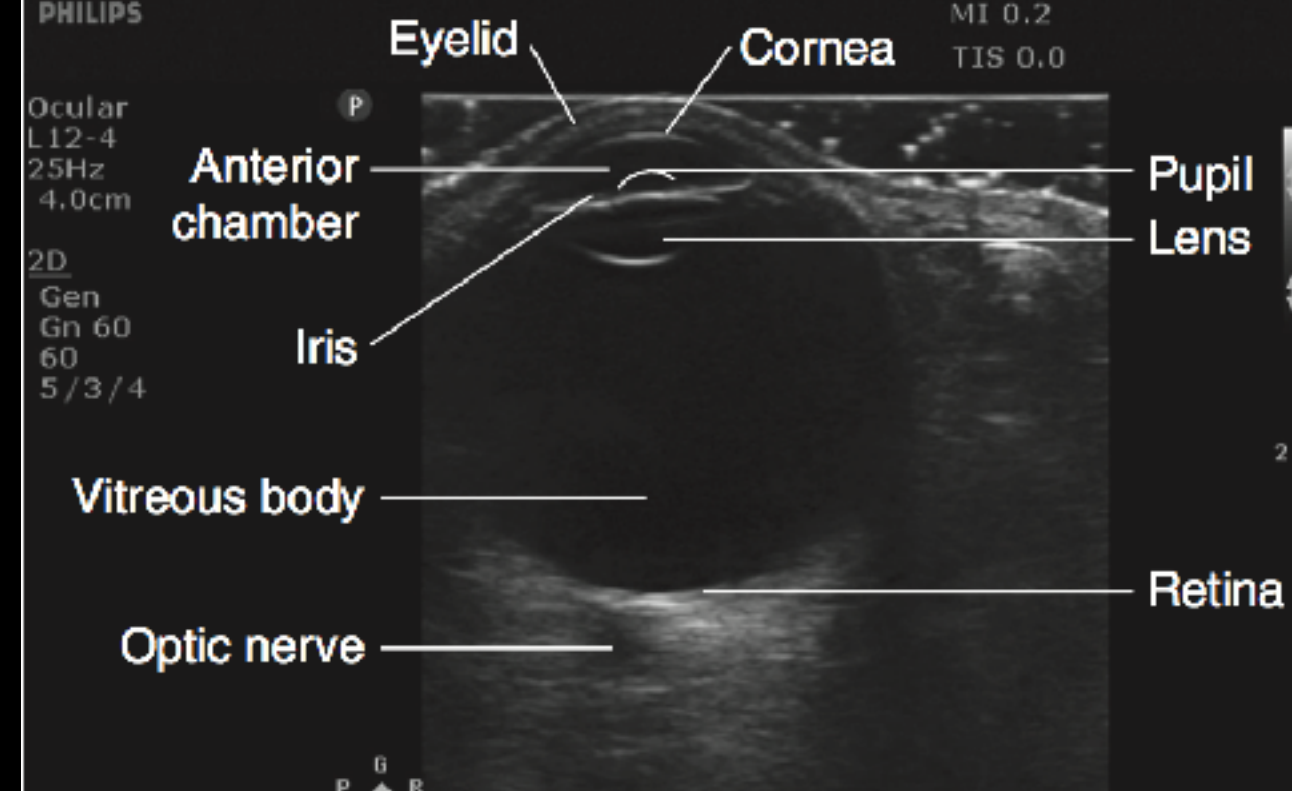
POCUS for Ocular Emergencies in ER

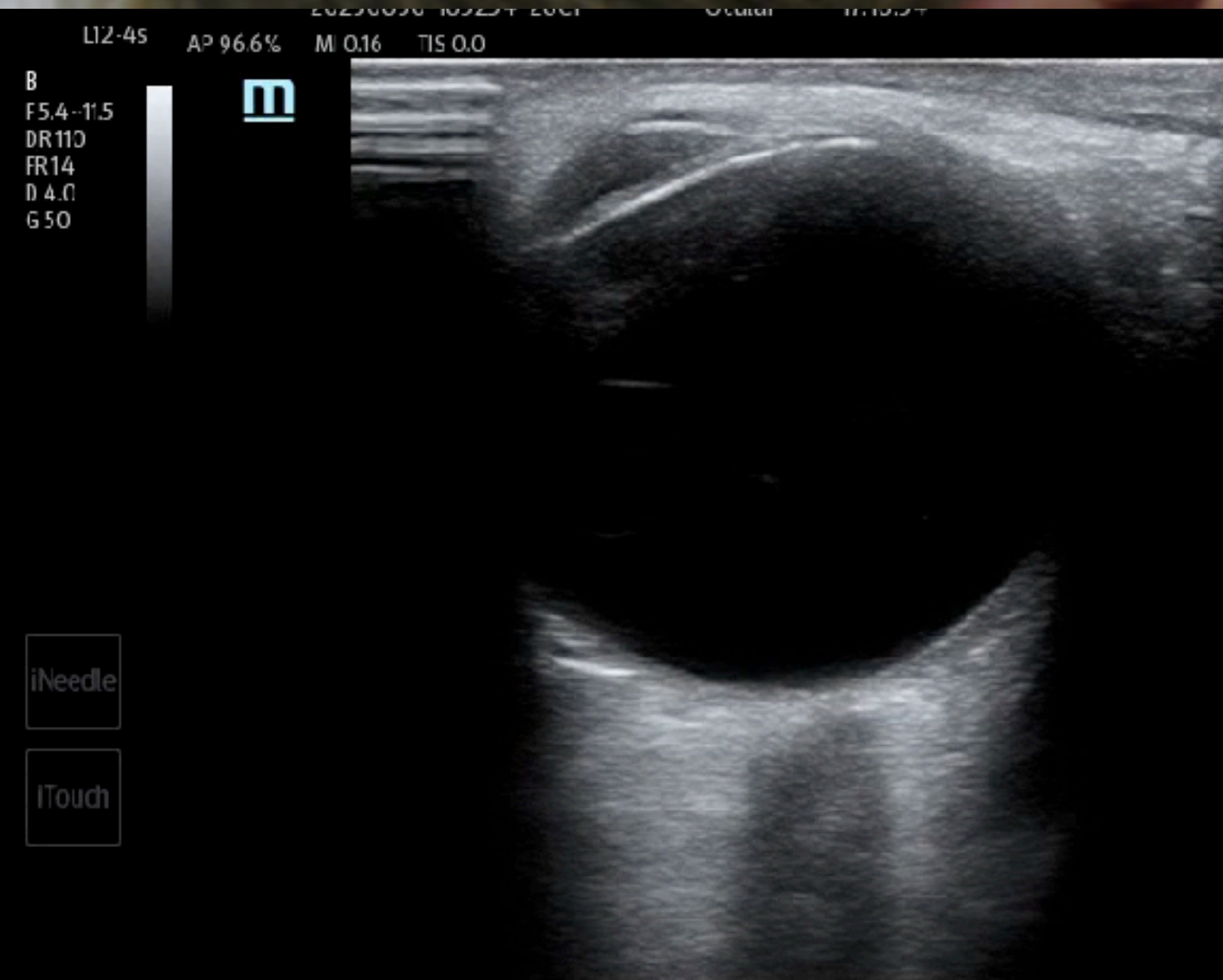
陳國智醫師 雙和醫院急診醫學科

juice119@gmail.com

POCUSacademy.com





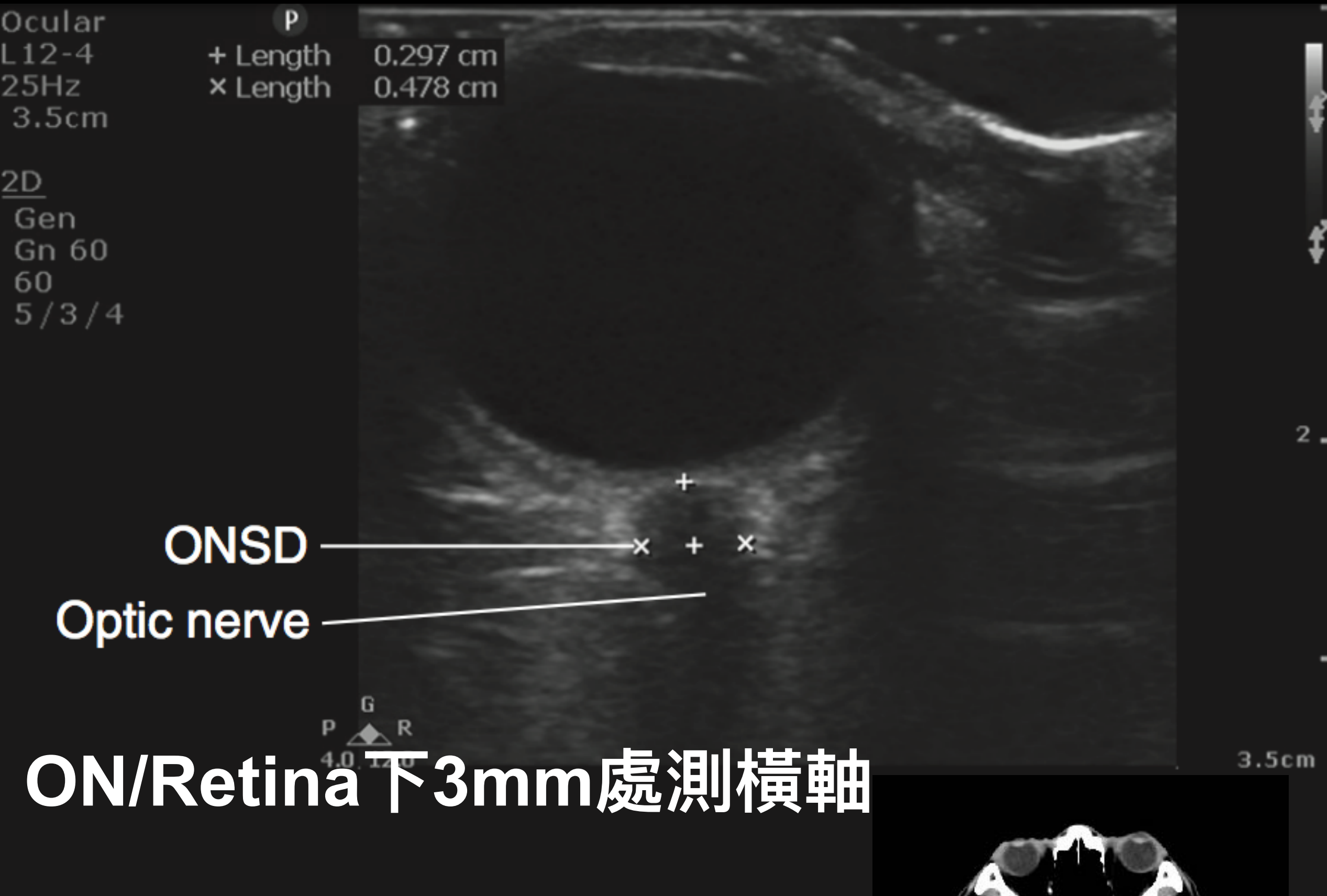


Eye protection

Stable hand

Copious gel

Optic Nerve Sheath Diameter (ONSD)

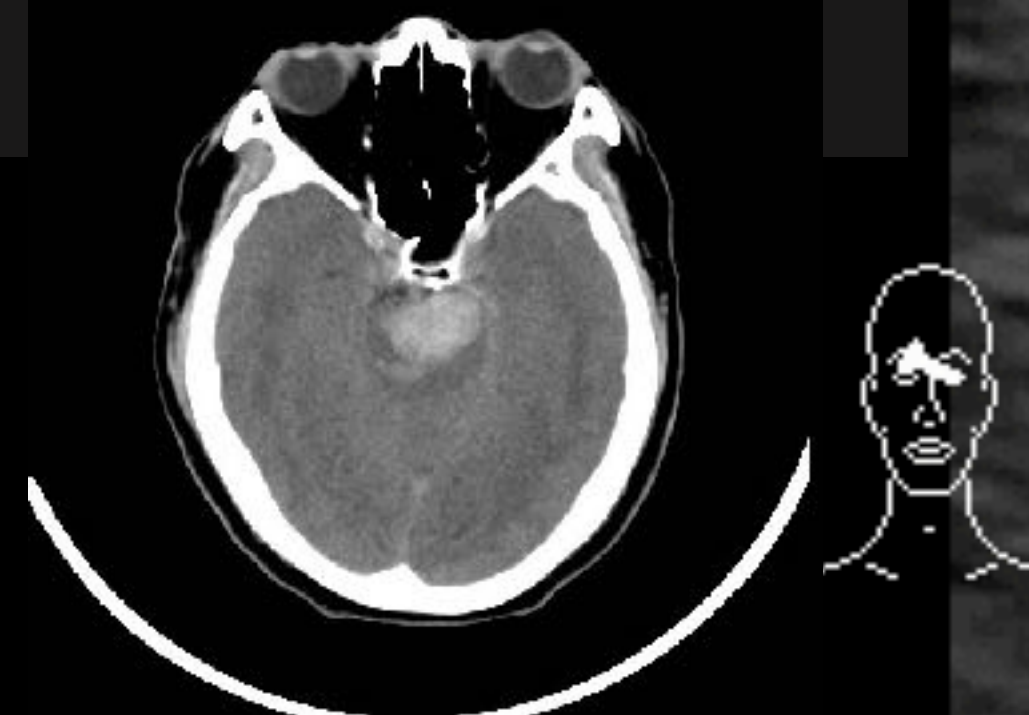


ON/Retina 下3mm 處測橫軸

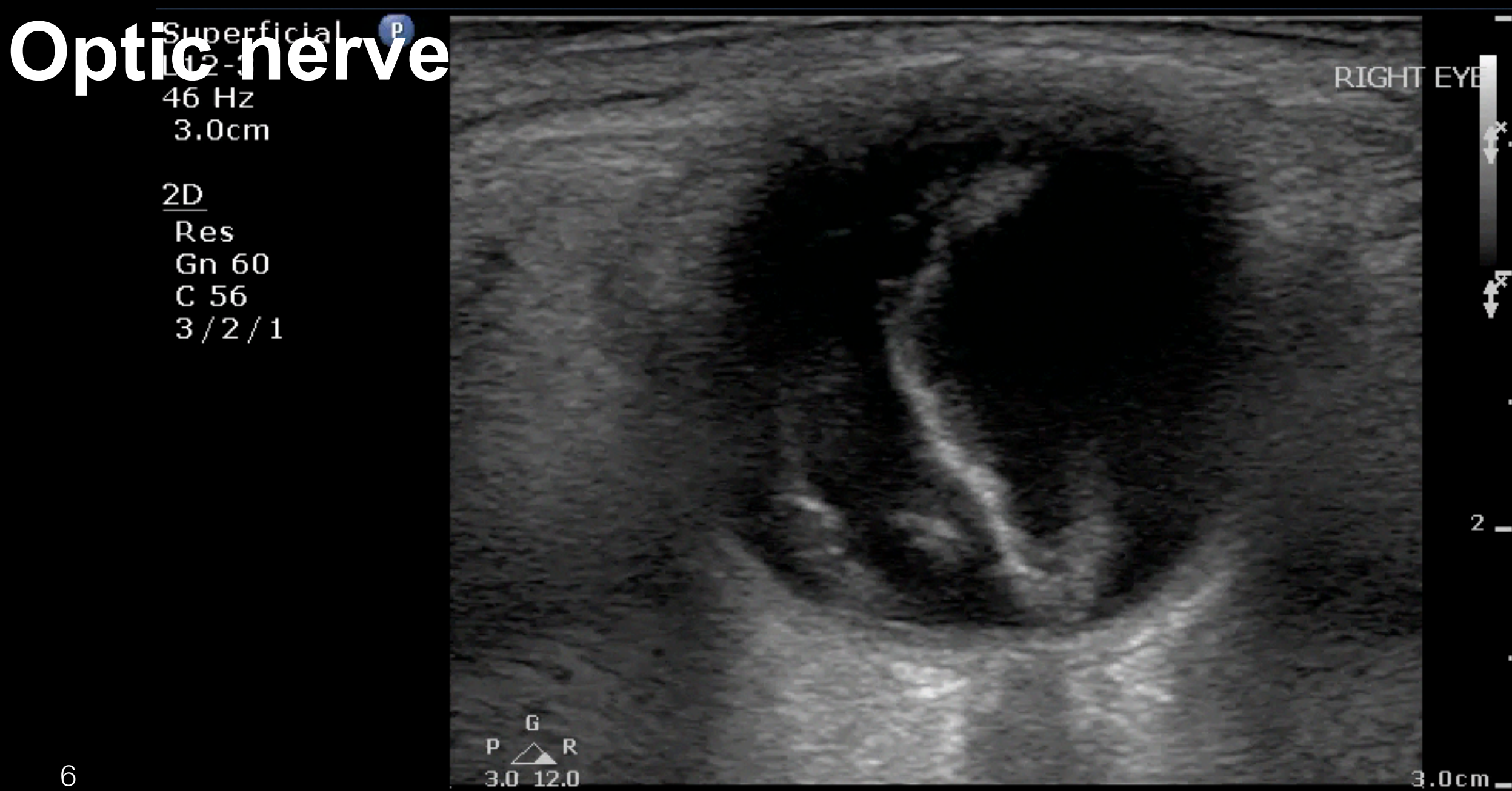
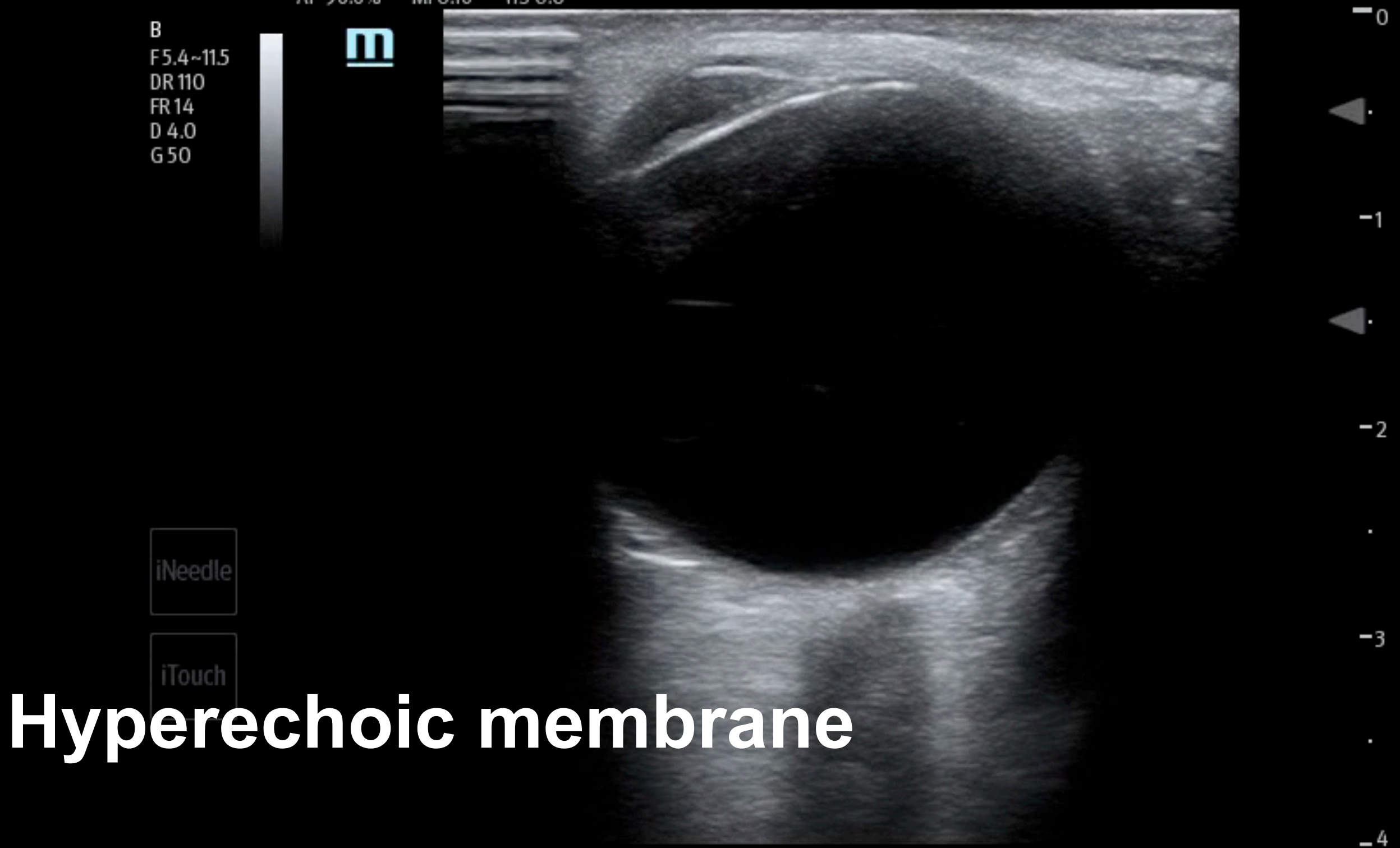
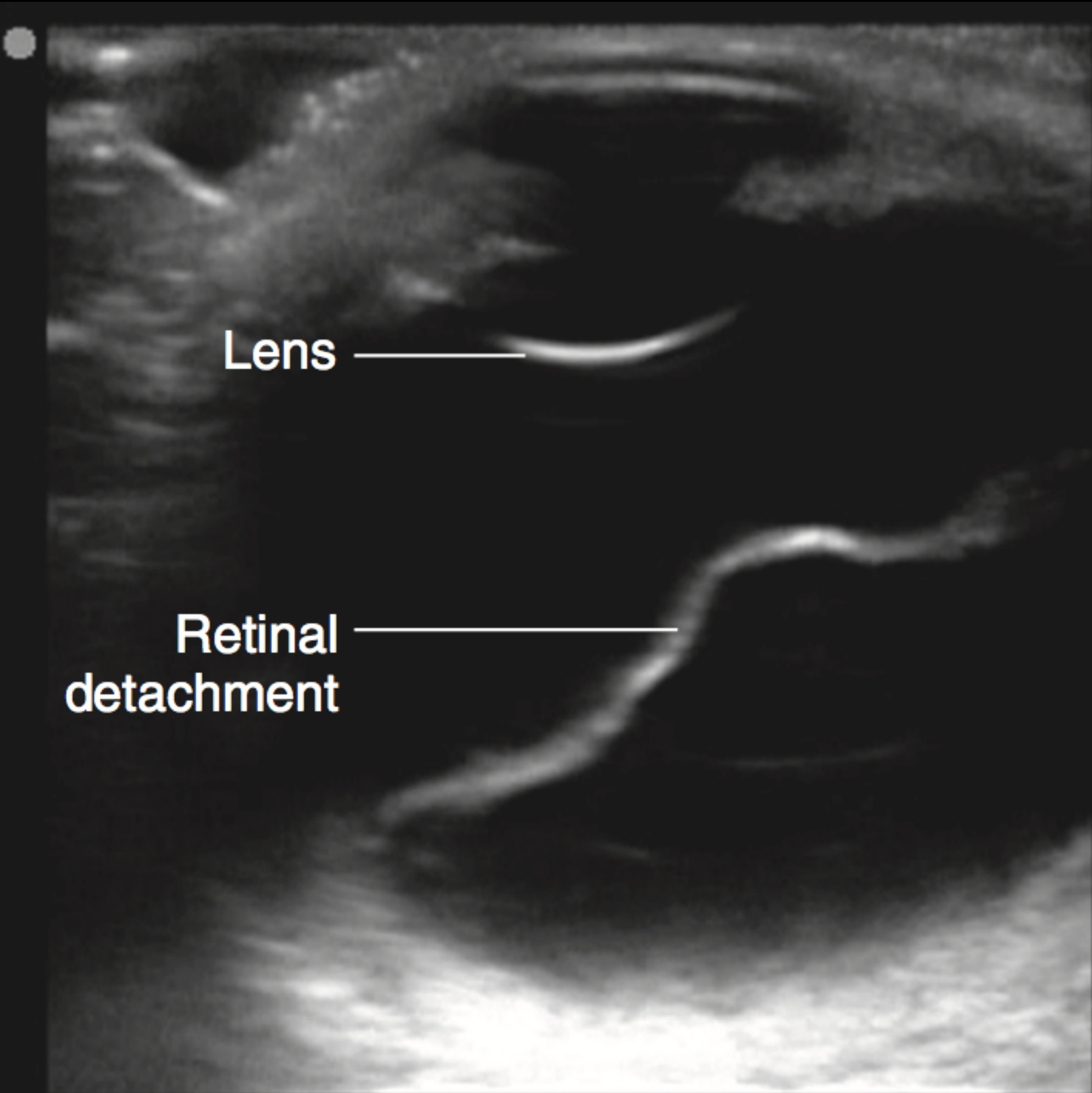
> 5mm : ICP > 20 cmH2O

Sen 87-90%

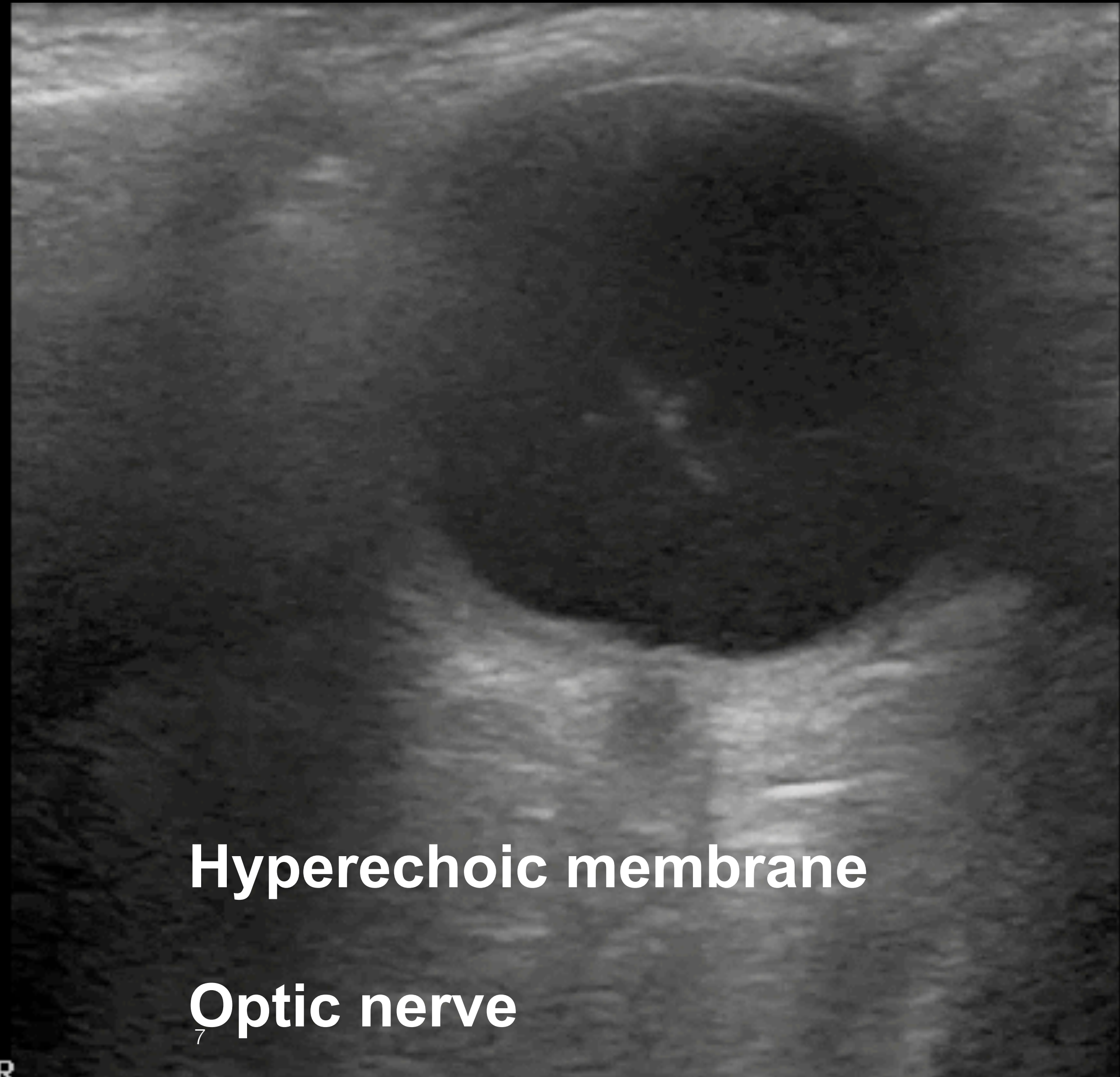
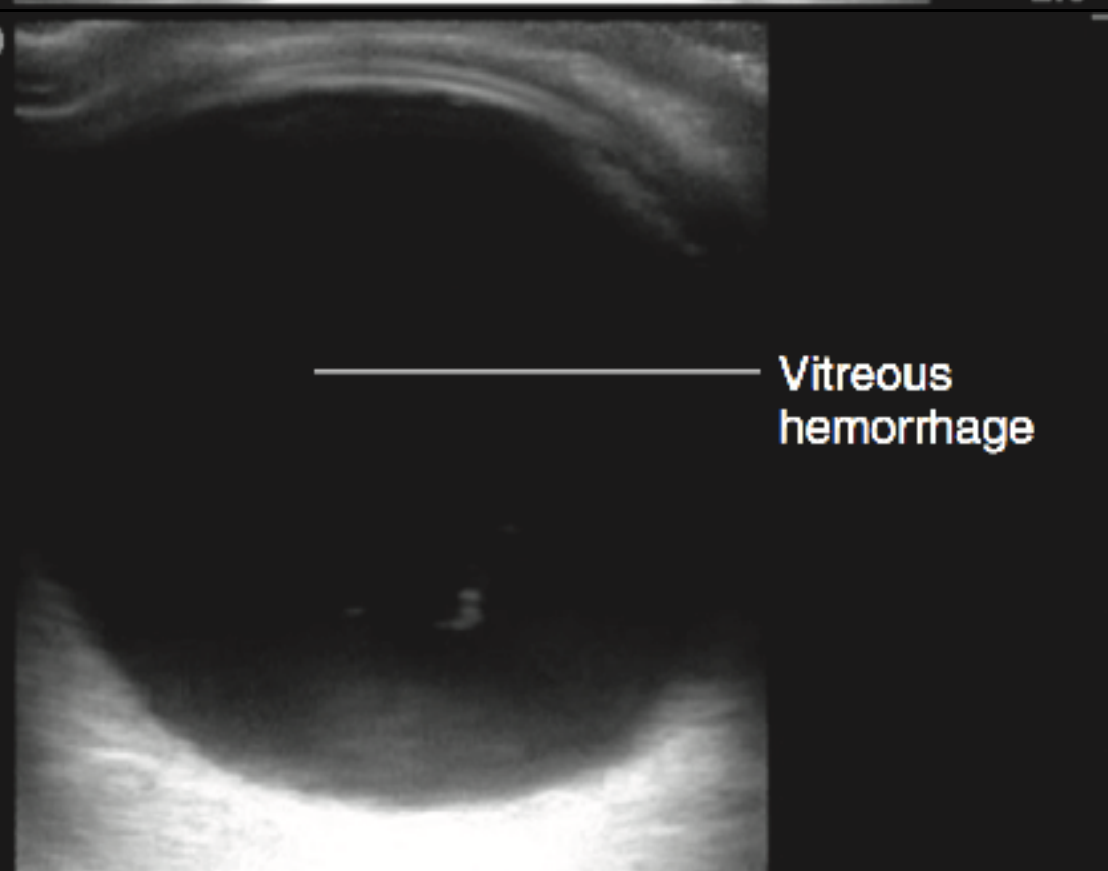
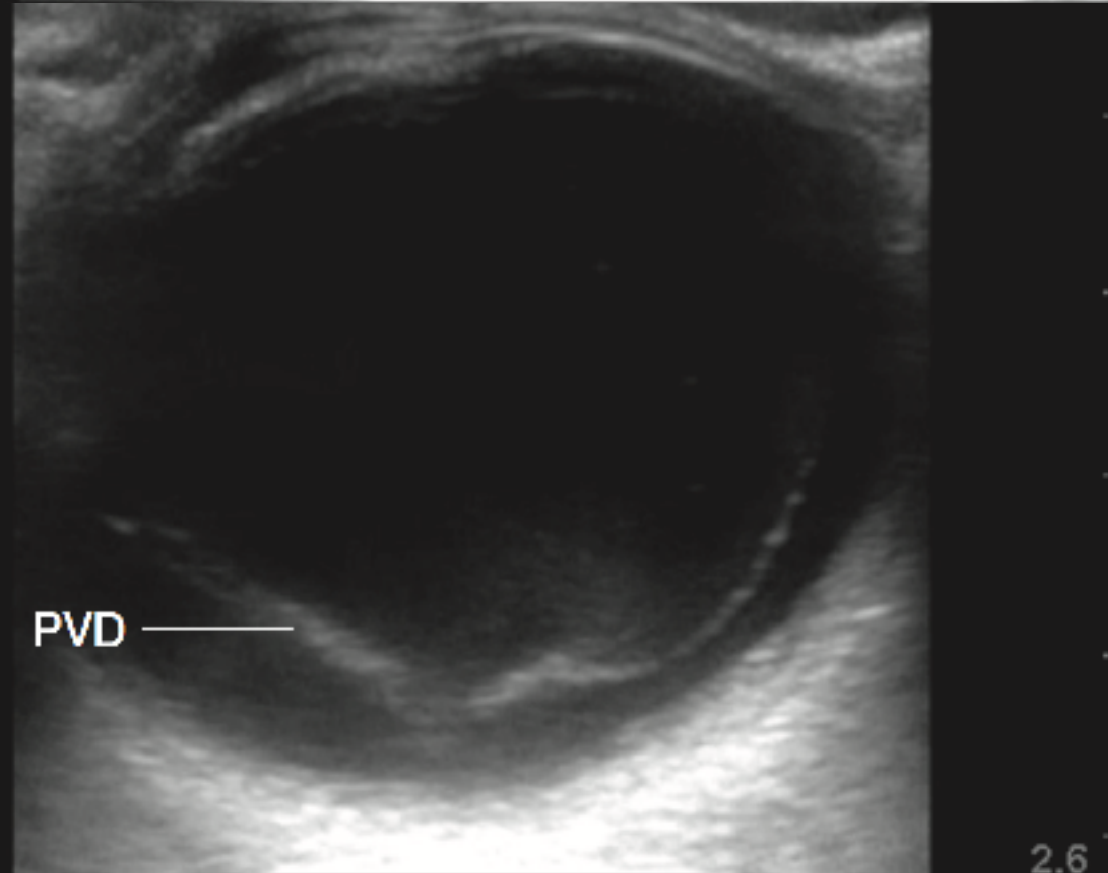
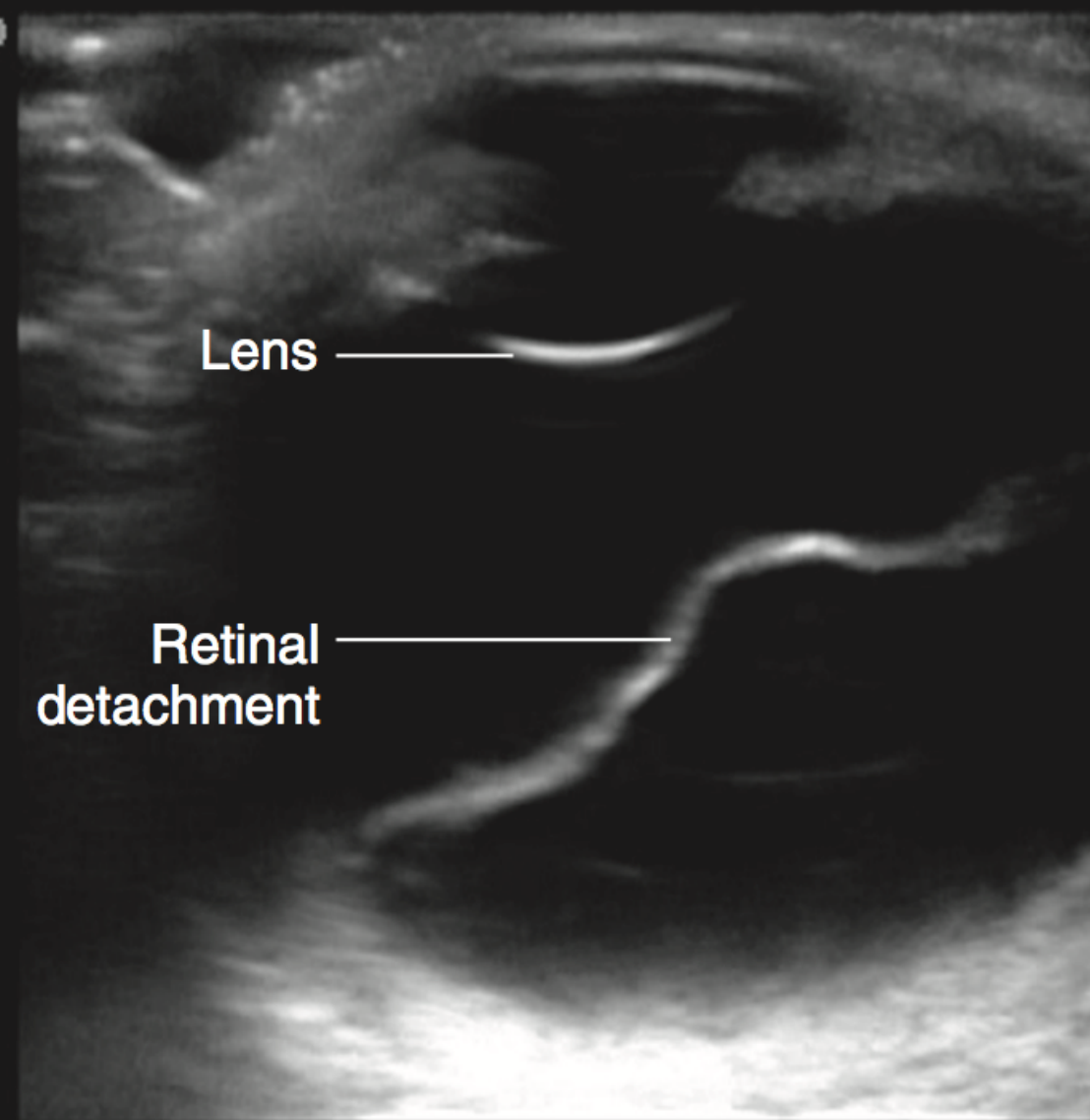
Spe 79-85%



Retinal detachment

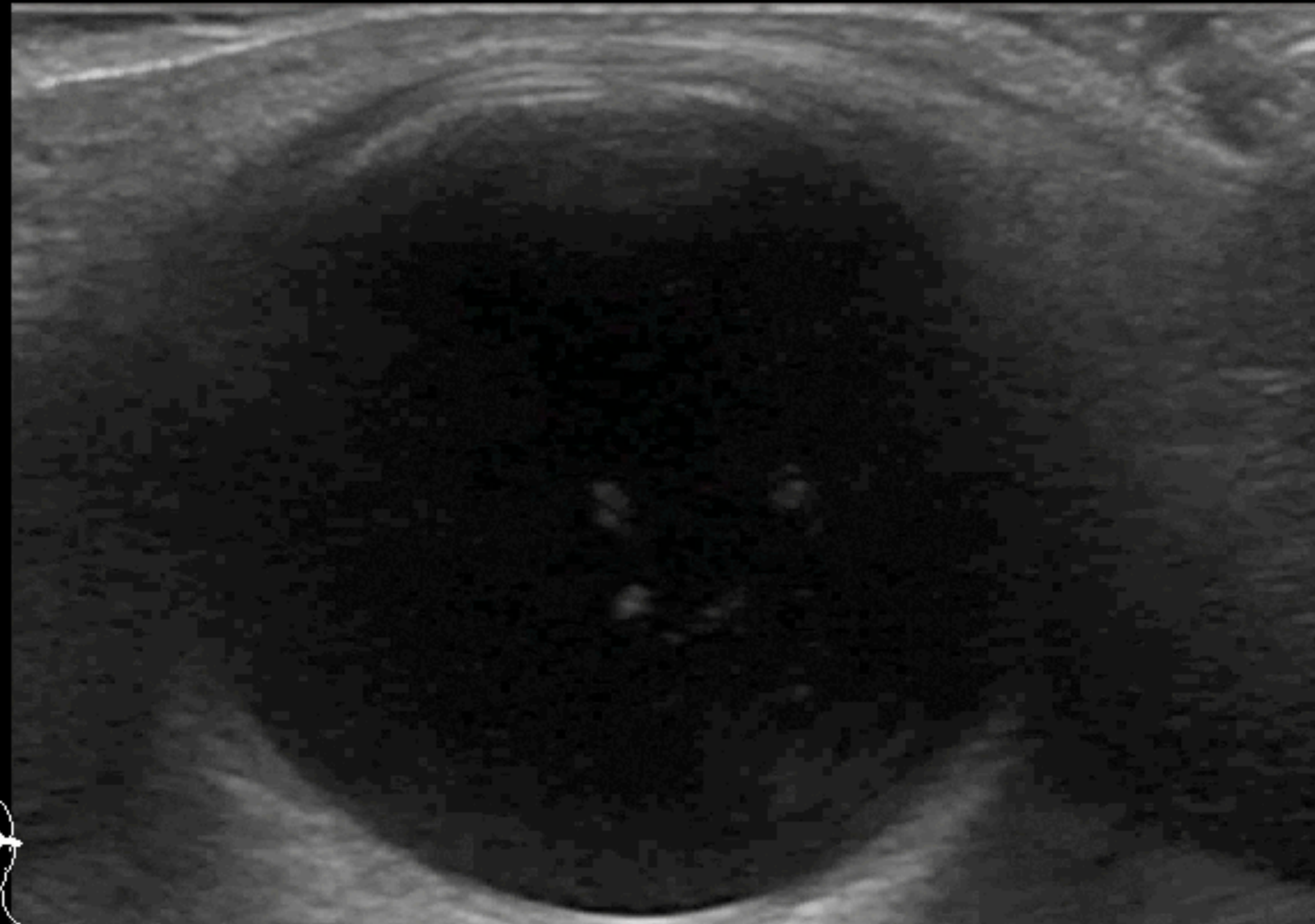
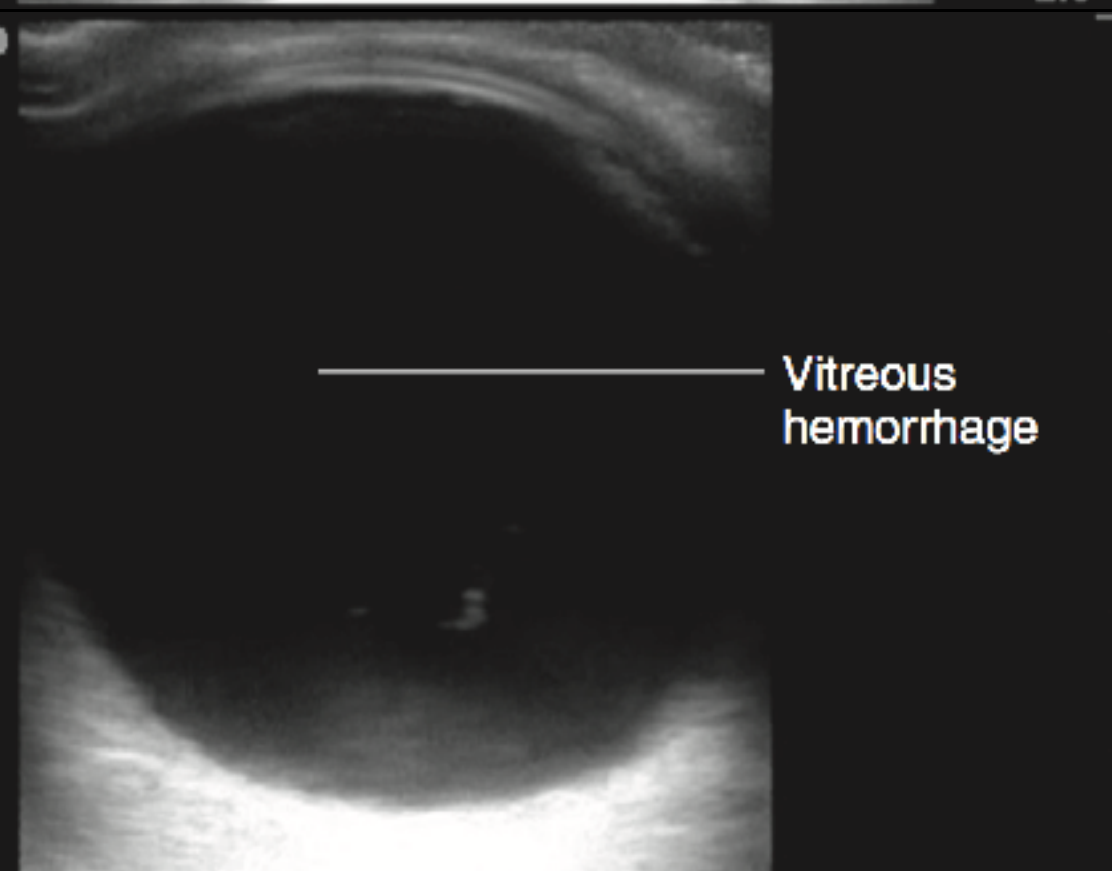
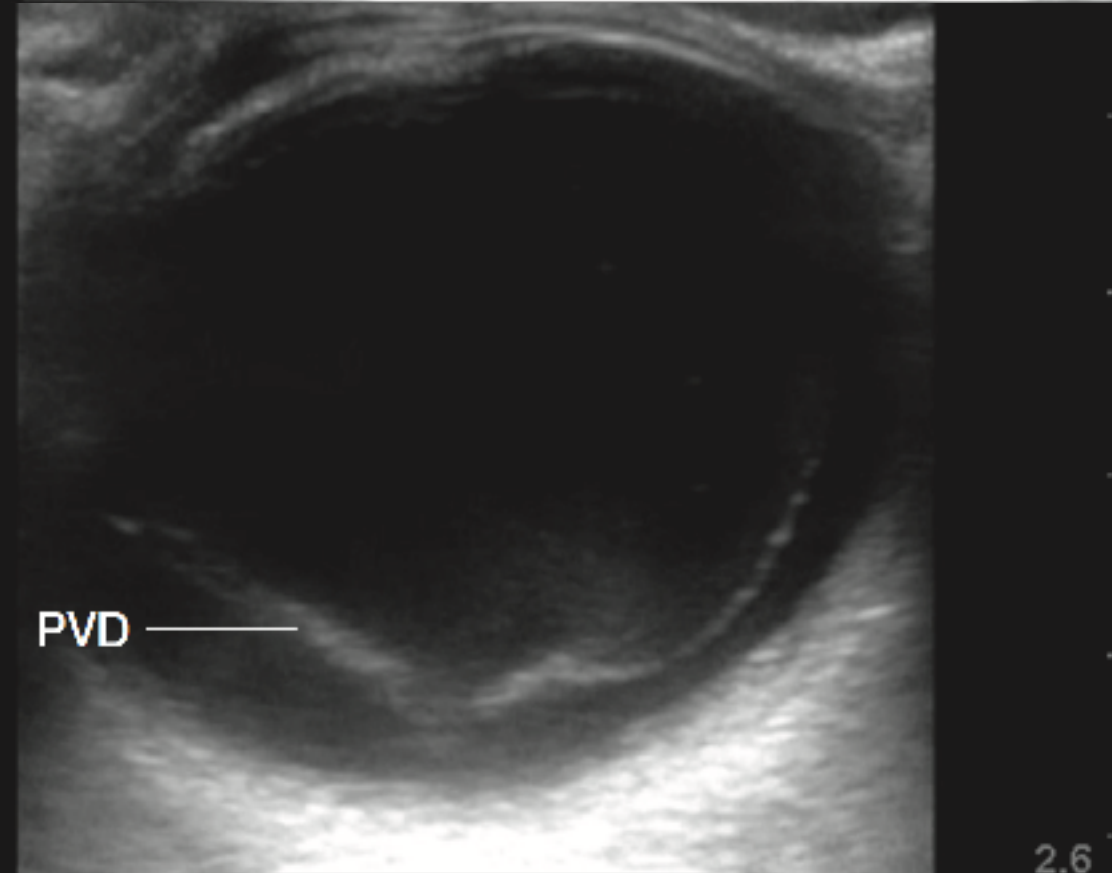
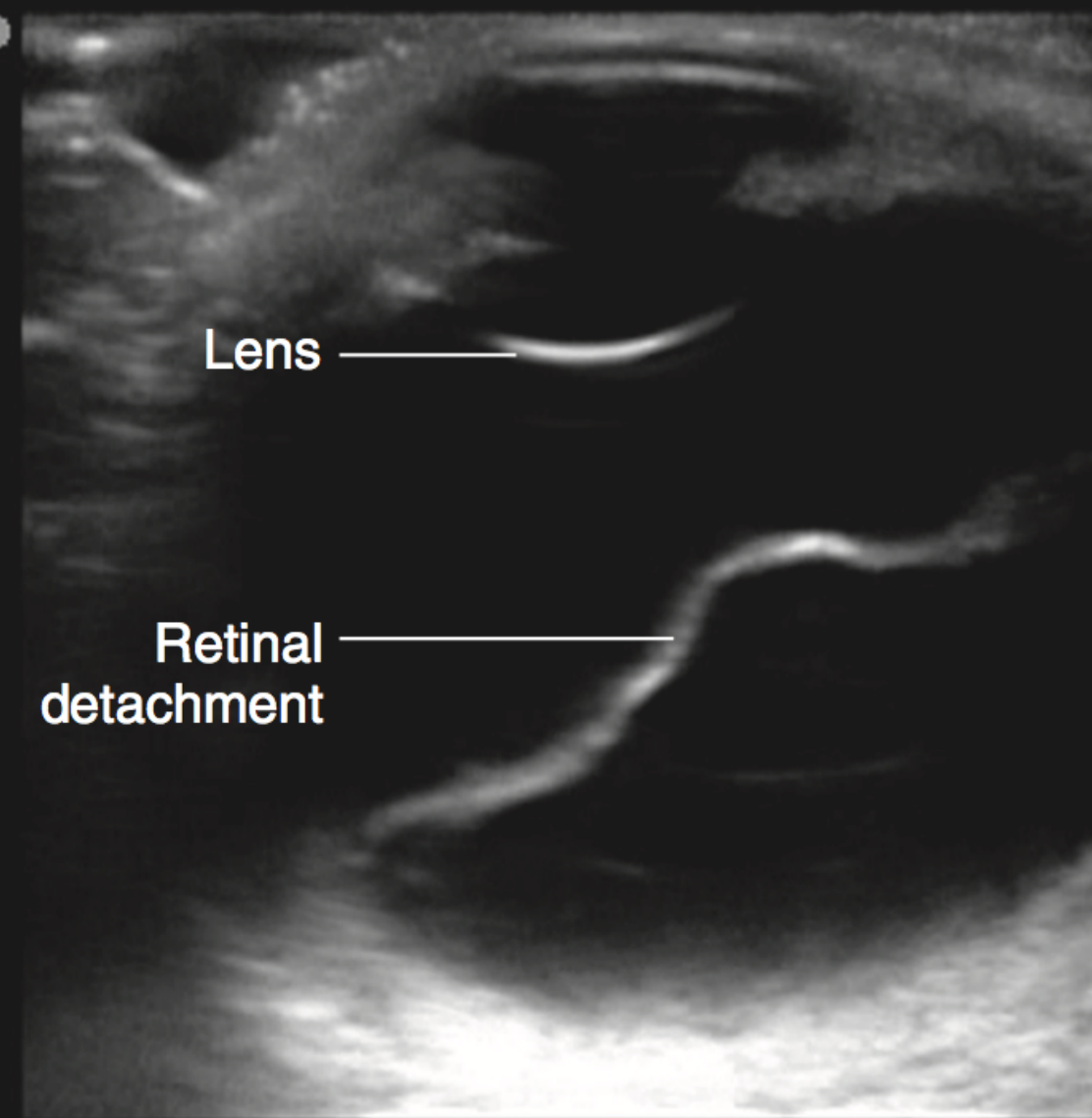


Vitreous detachment



P G R

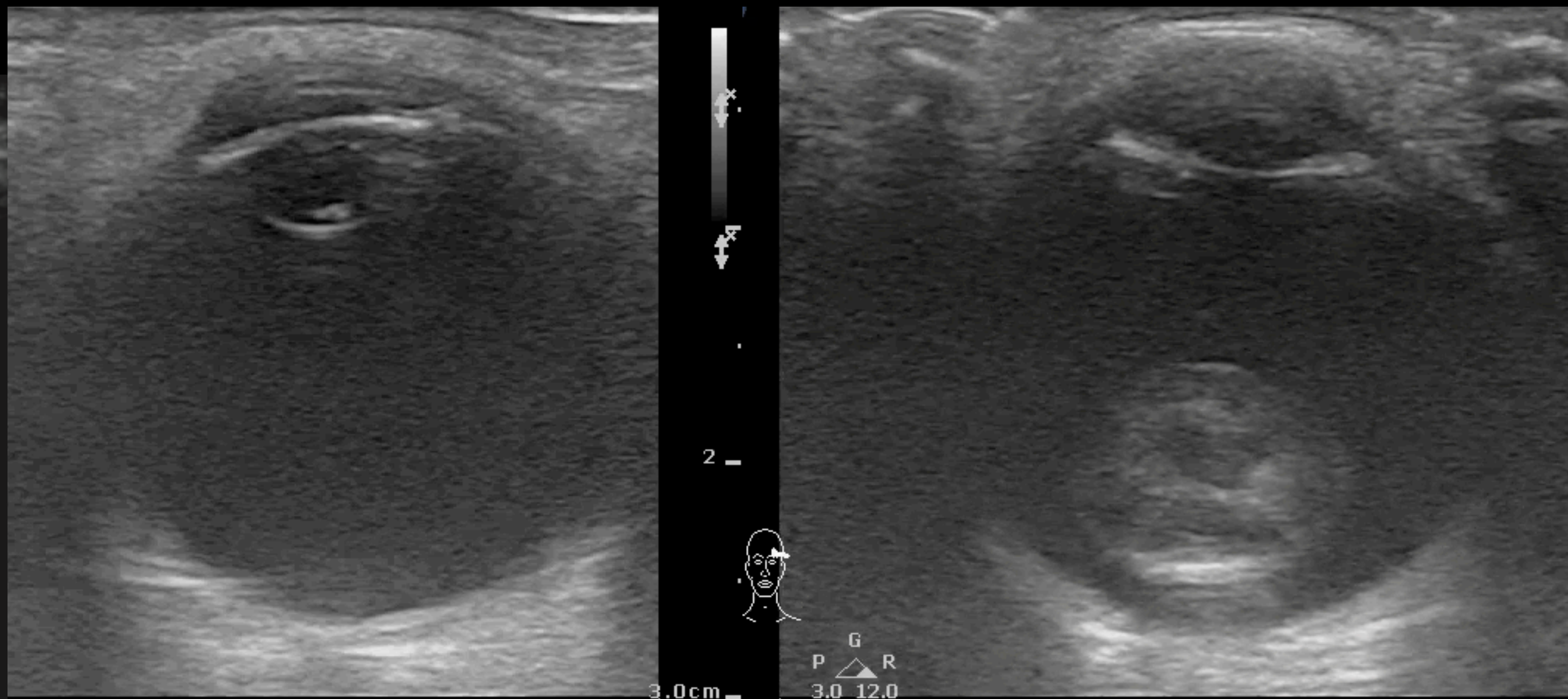
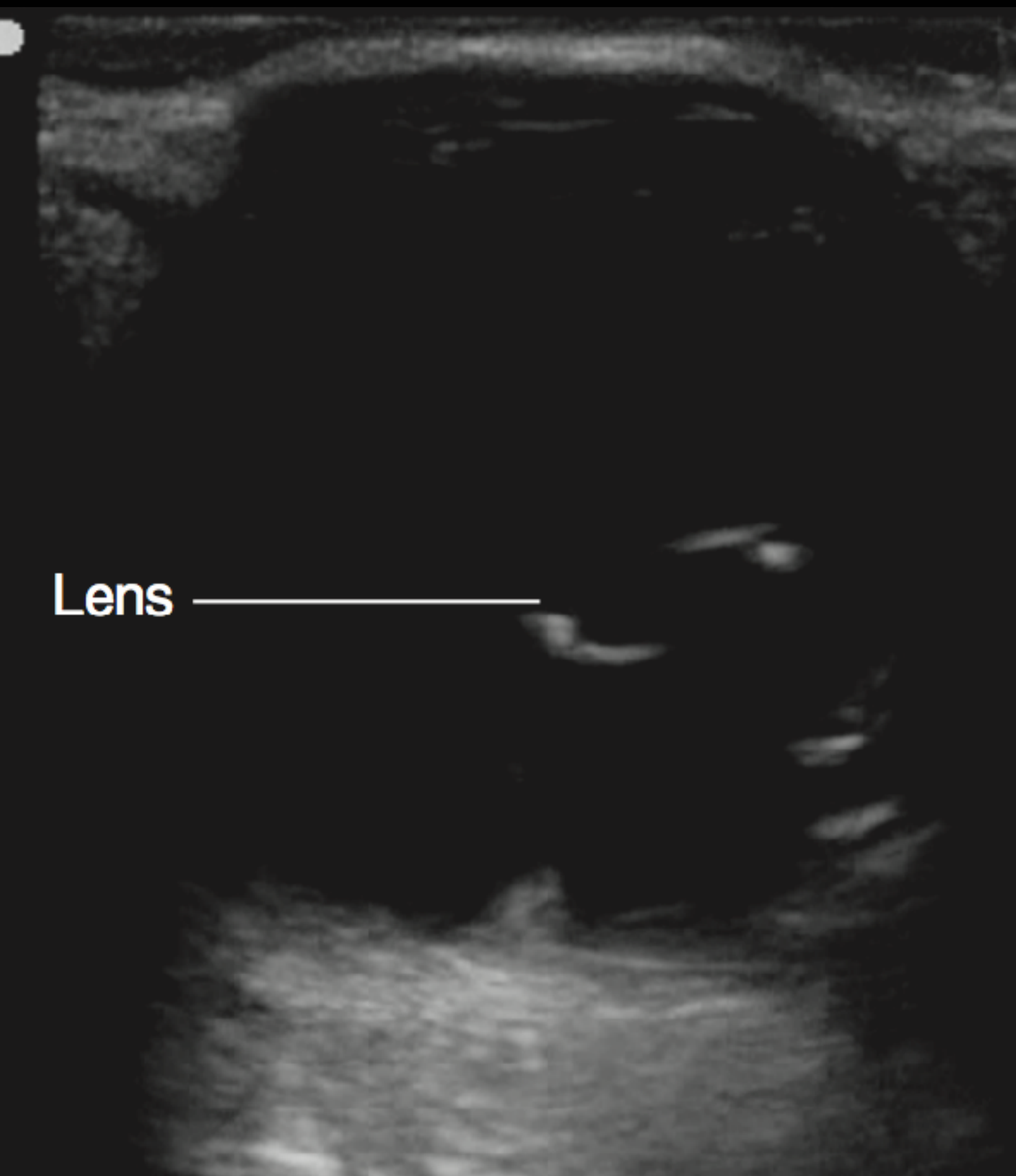
Vitreous hemorrhage



P G R

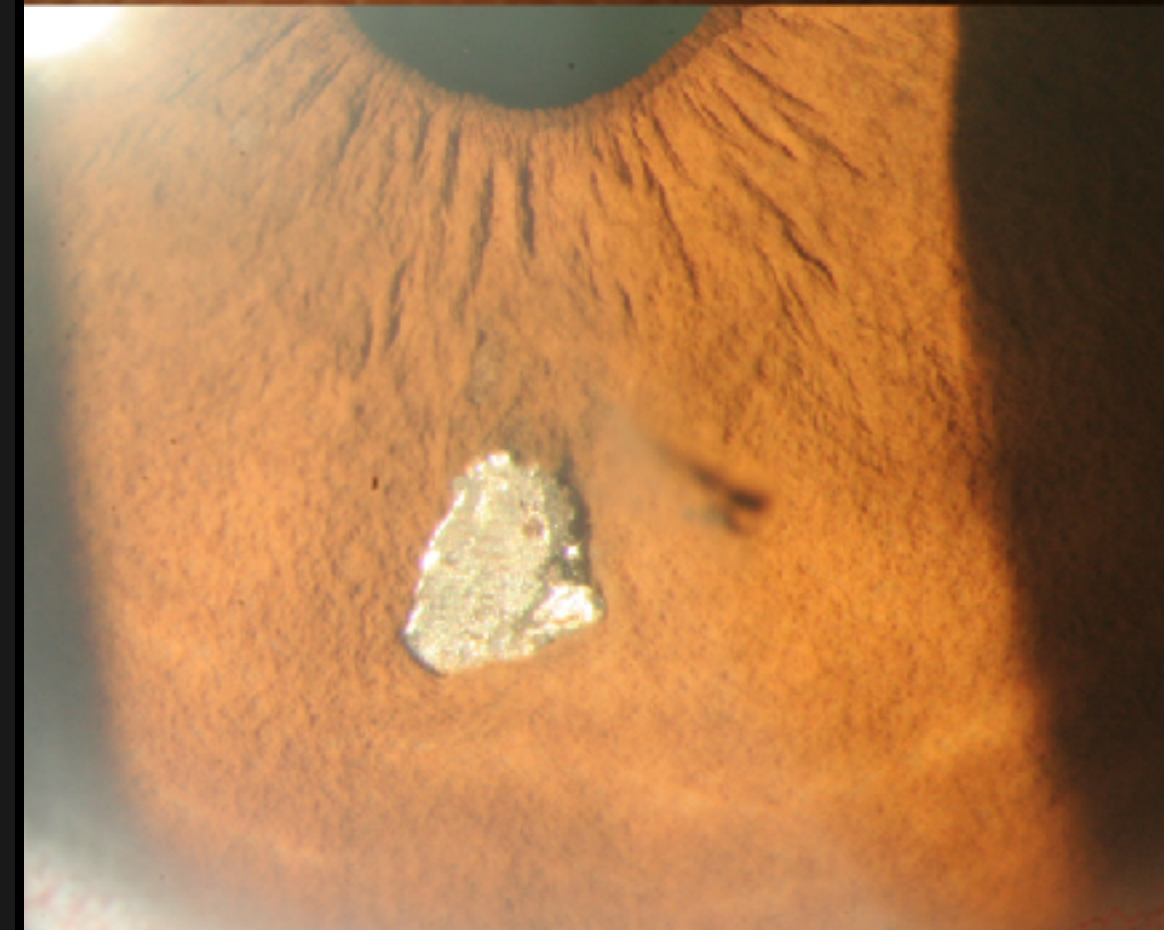
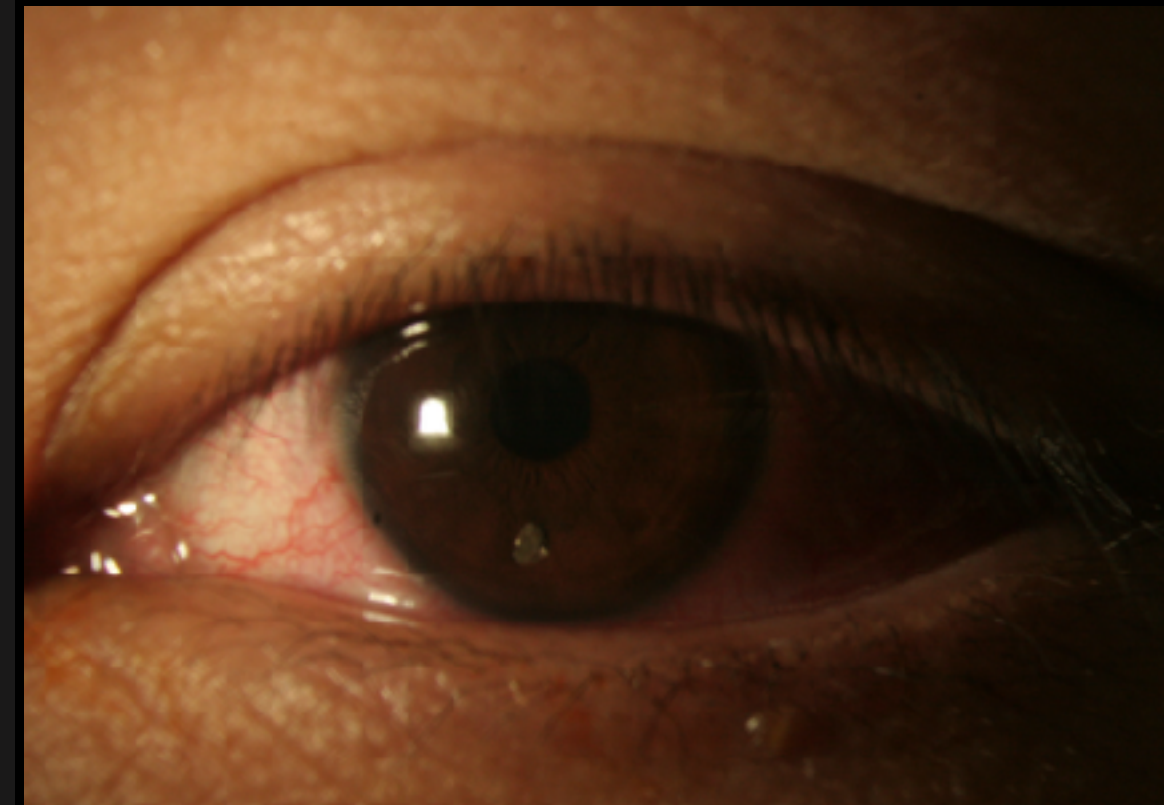
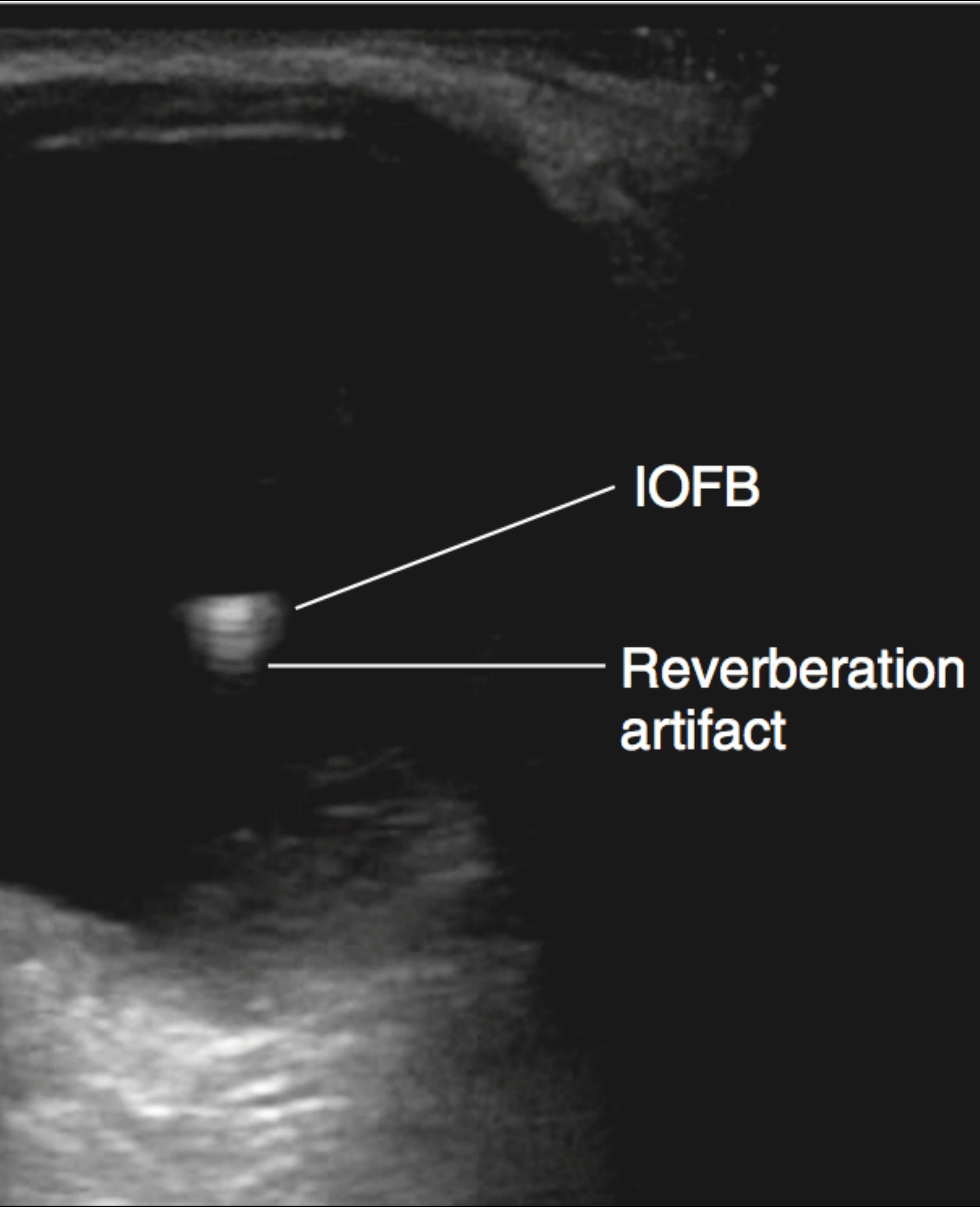


Lens dislocation

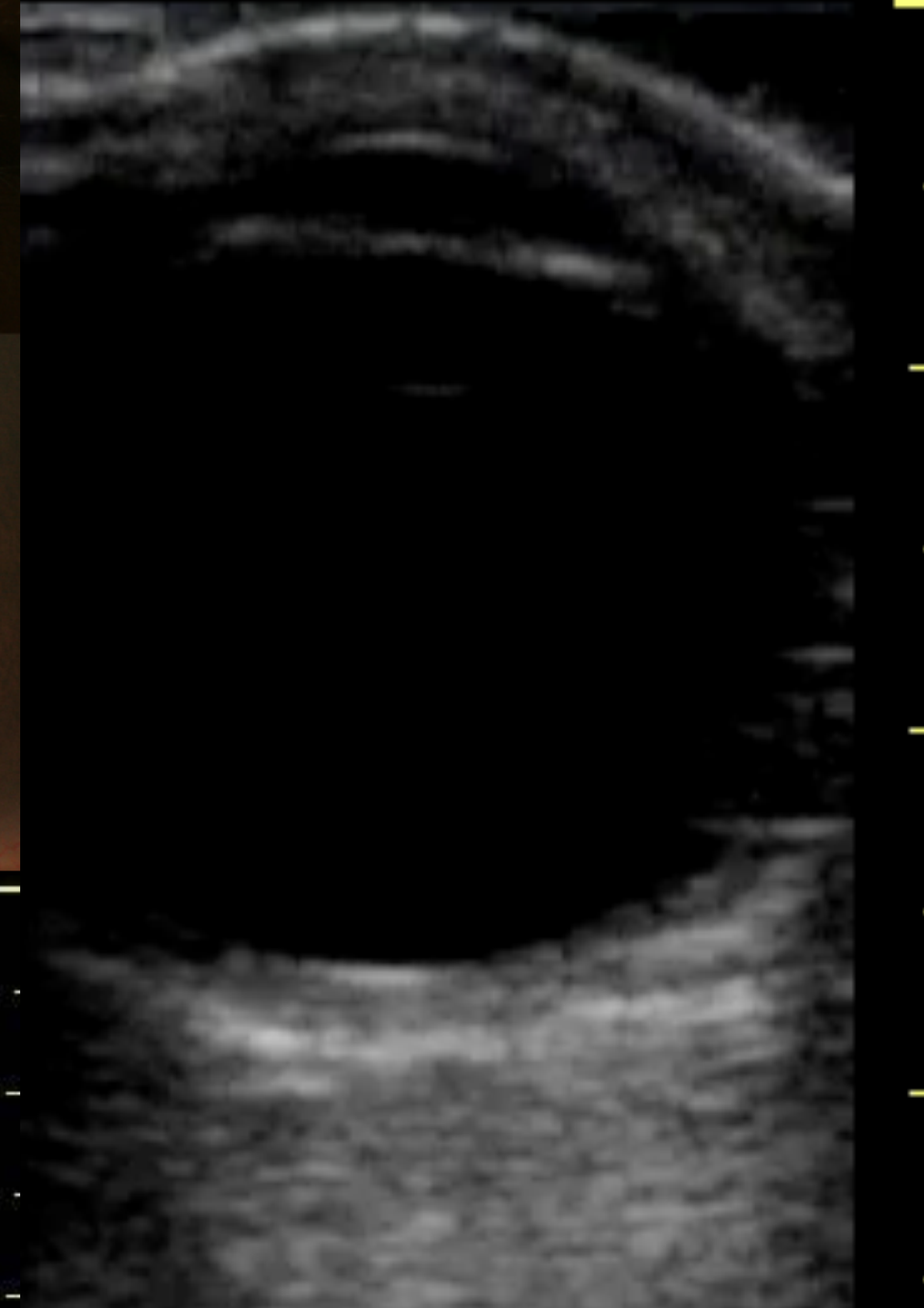


Intraocular foreign body

CT: gold standard



#: 228 18:51:57
TI: 0.2 25/Mar/2015



Pupillary reflex

A



P

IMI/
Dist 0.30 cm
Dist 0.62 cm

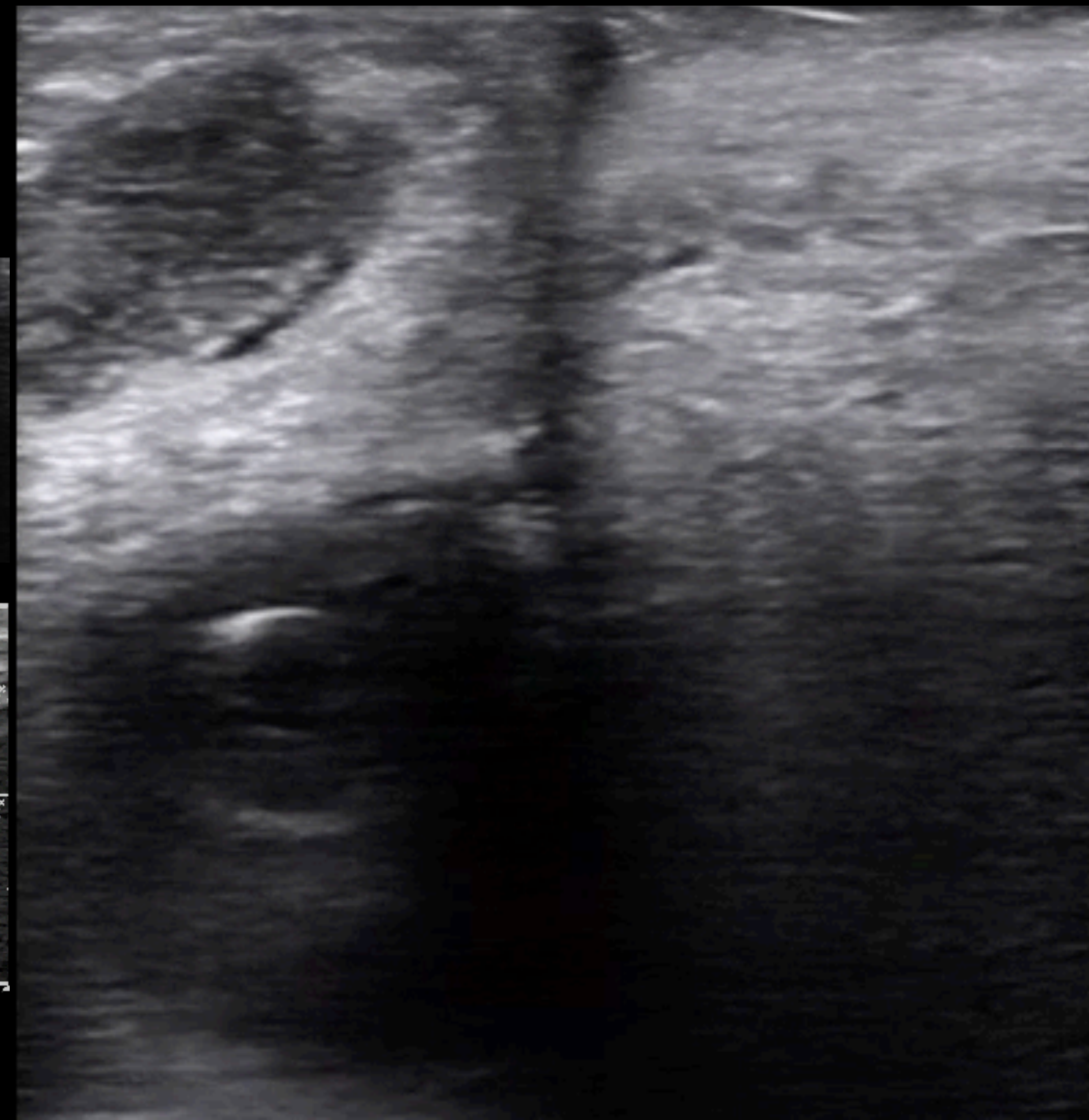
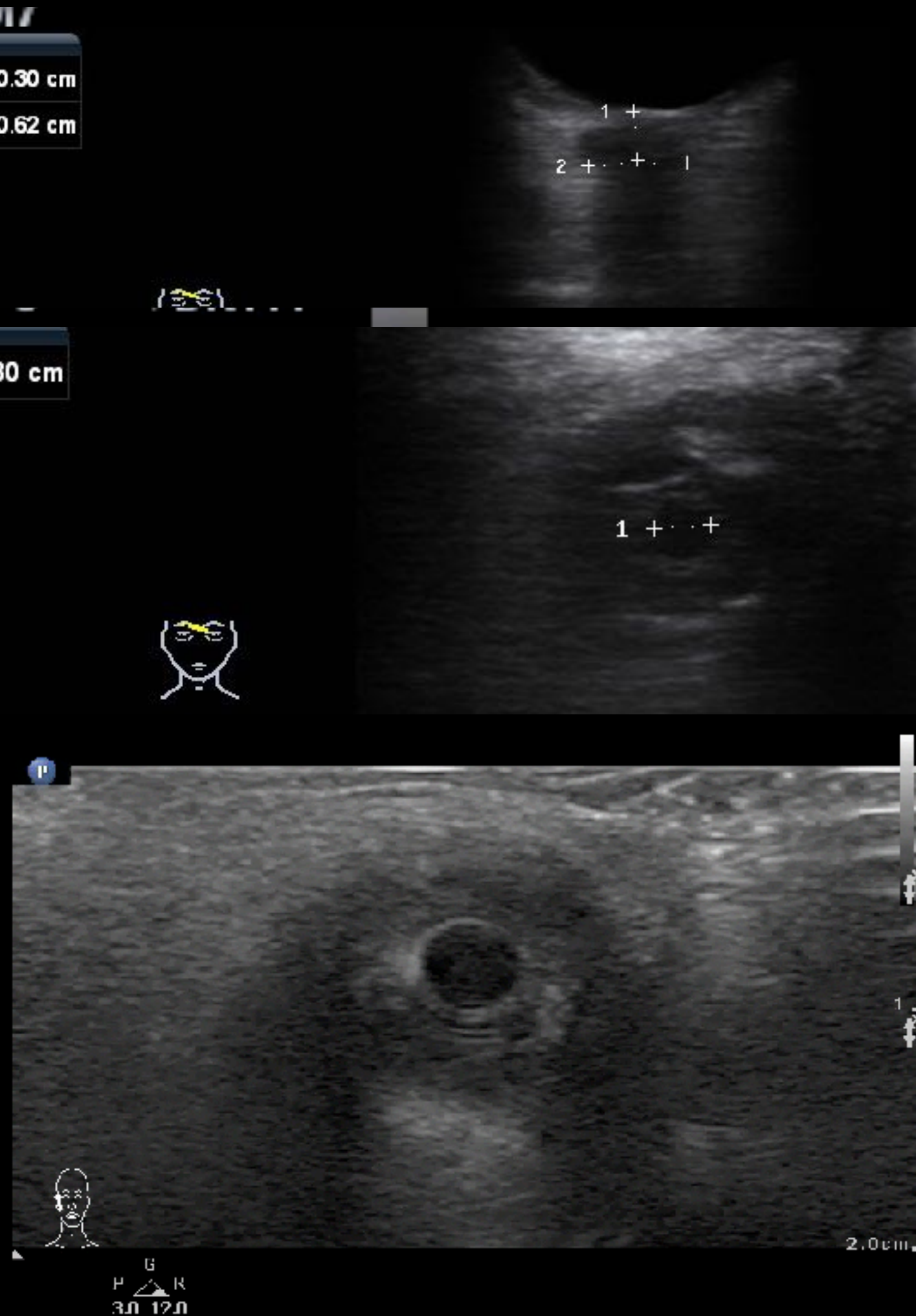
it 0.30 cm

00121

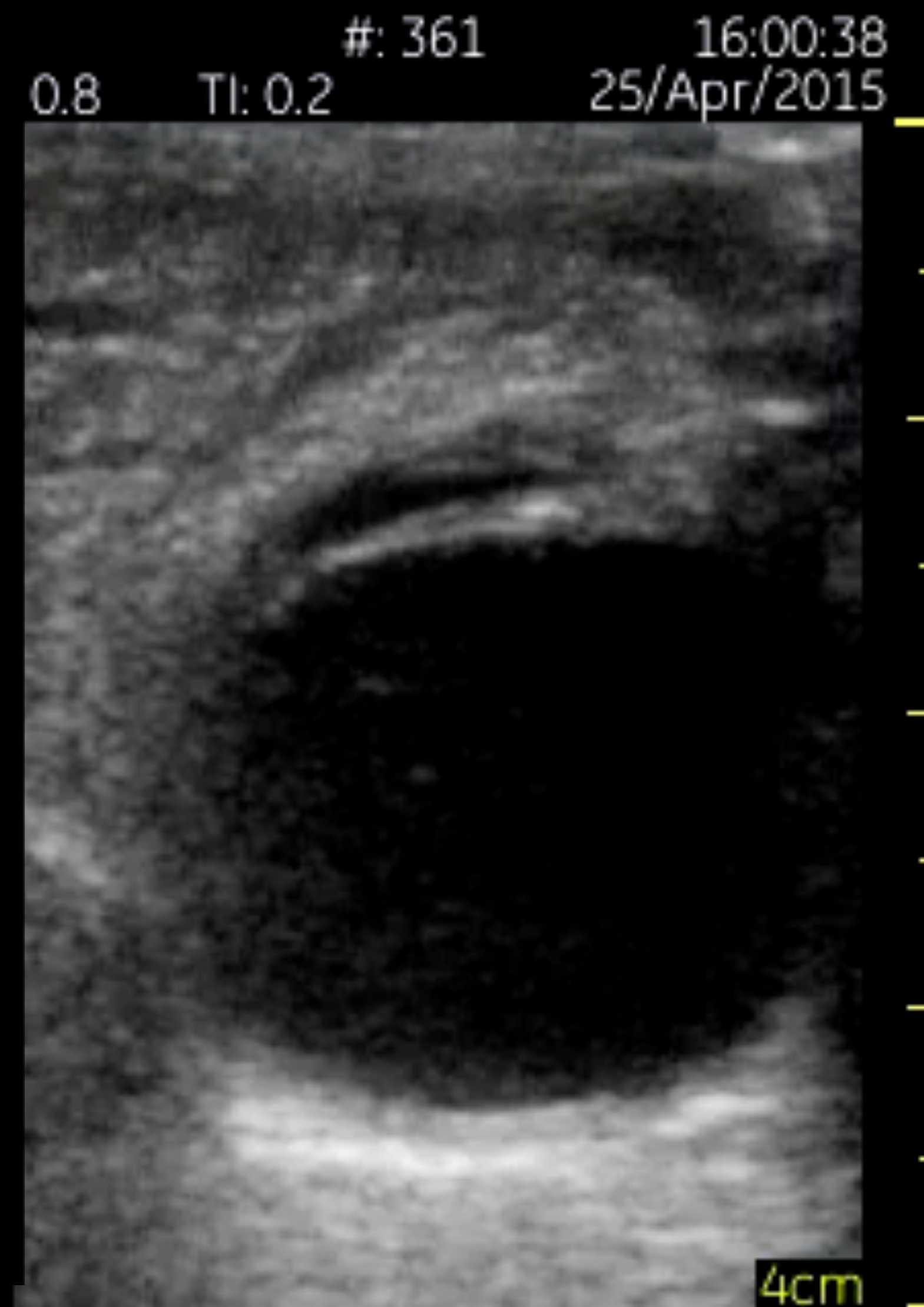
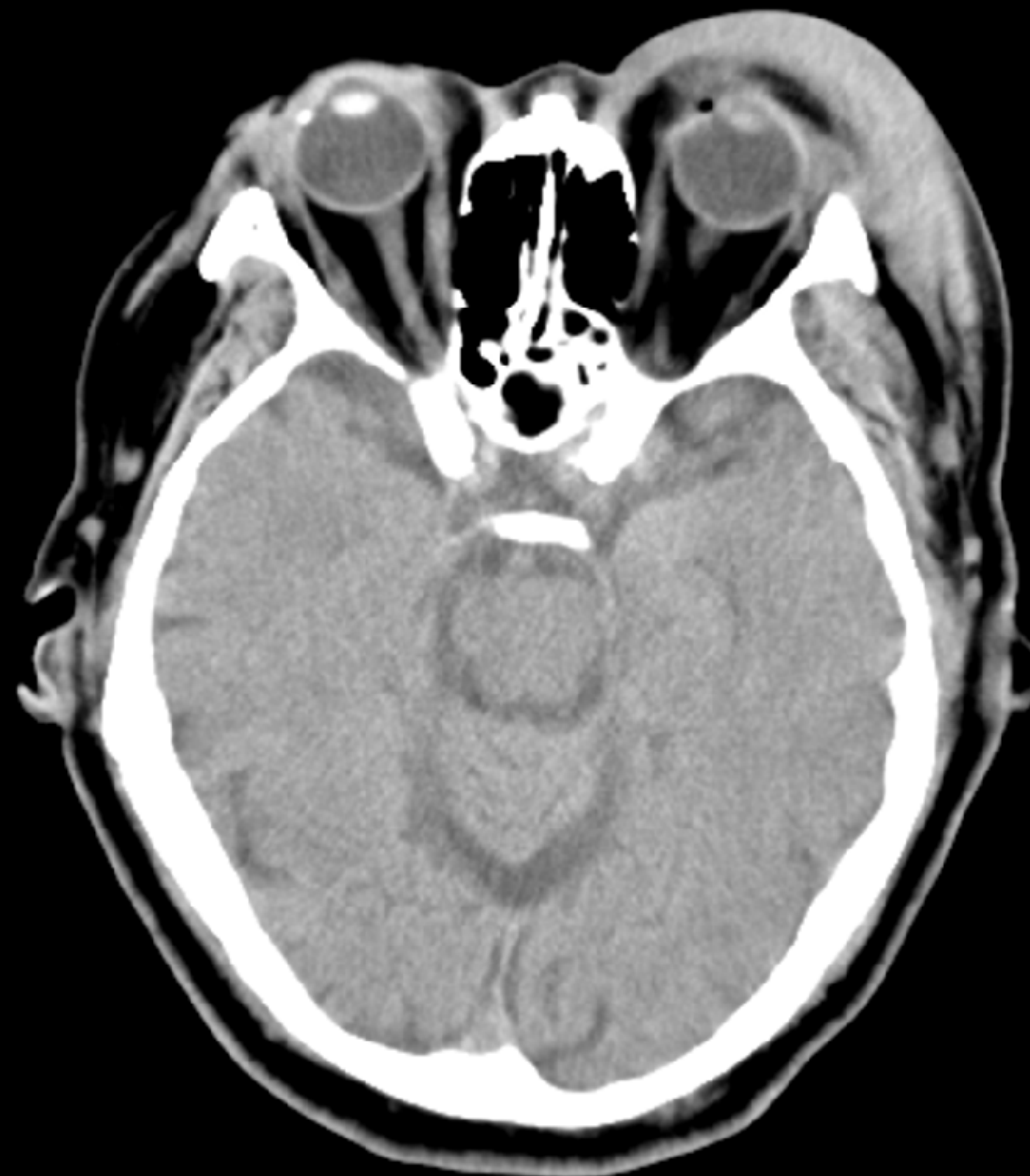
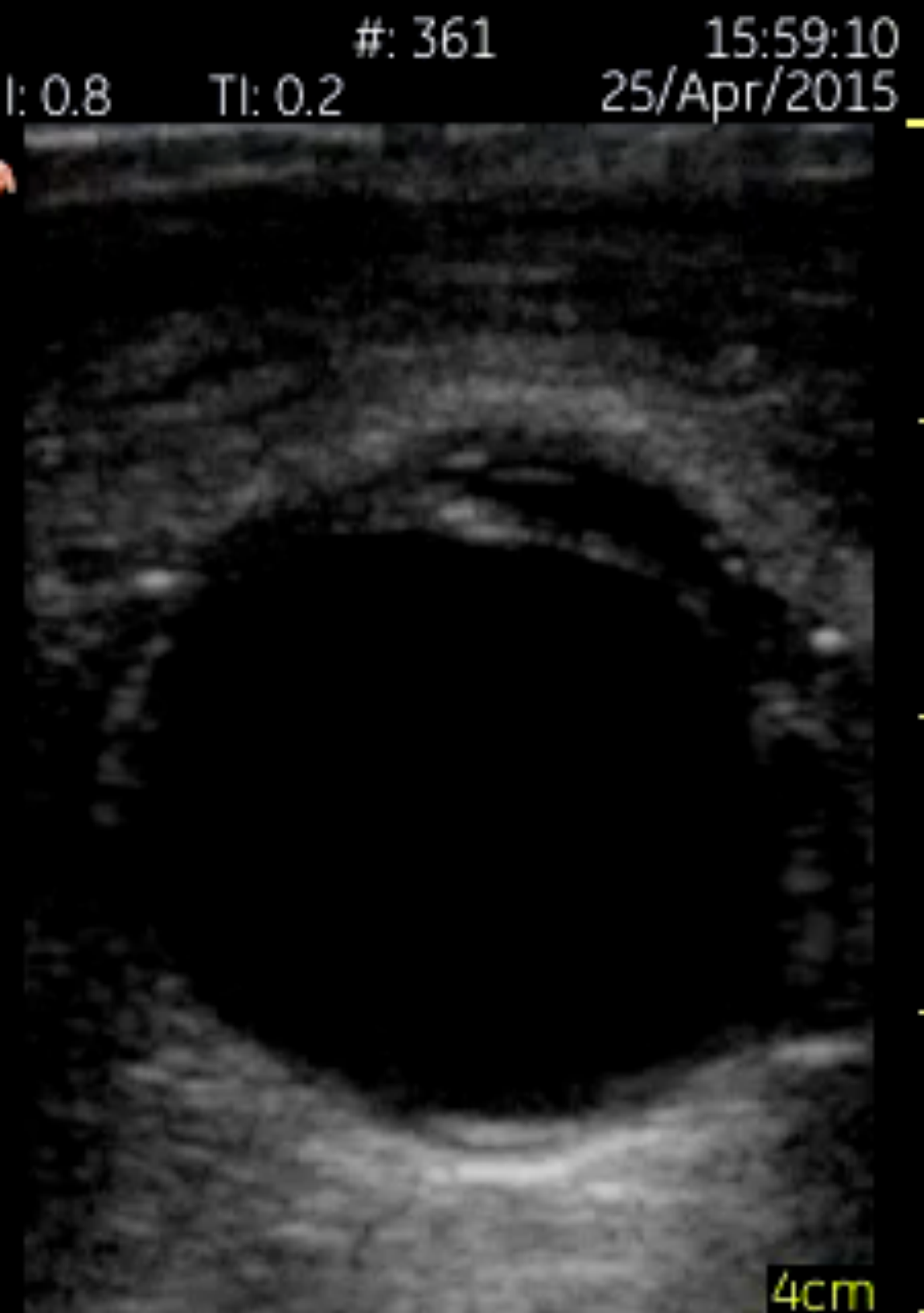
n

00

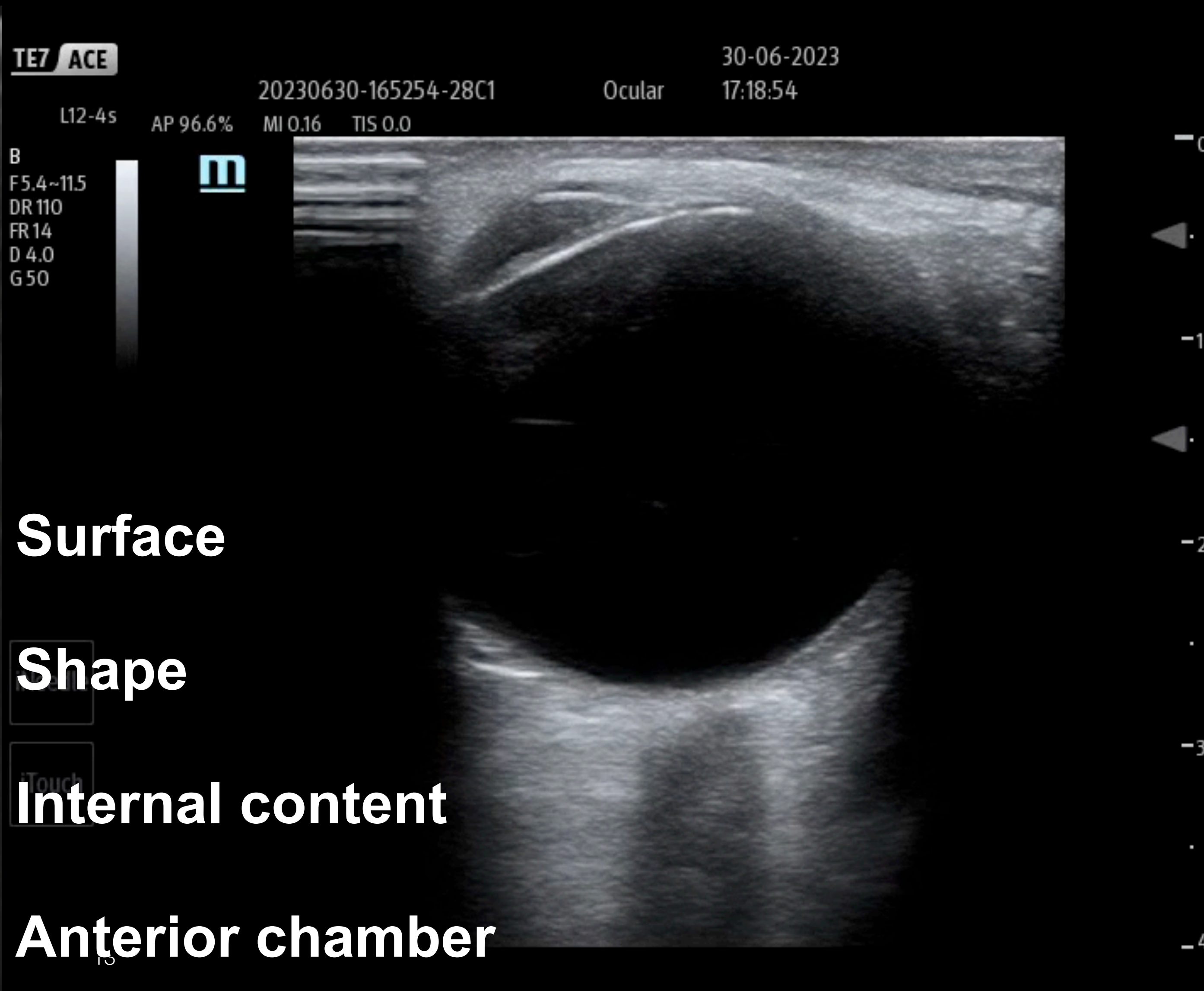
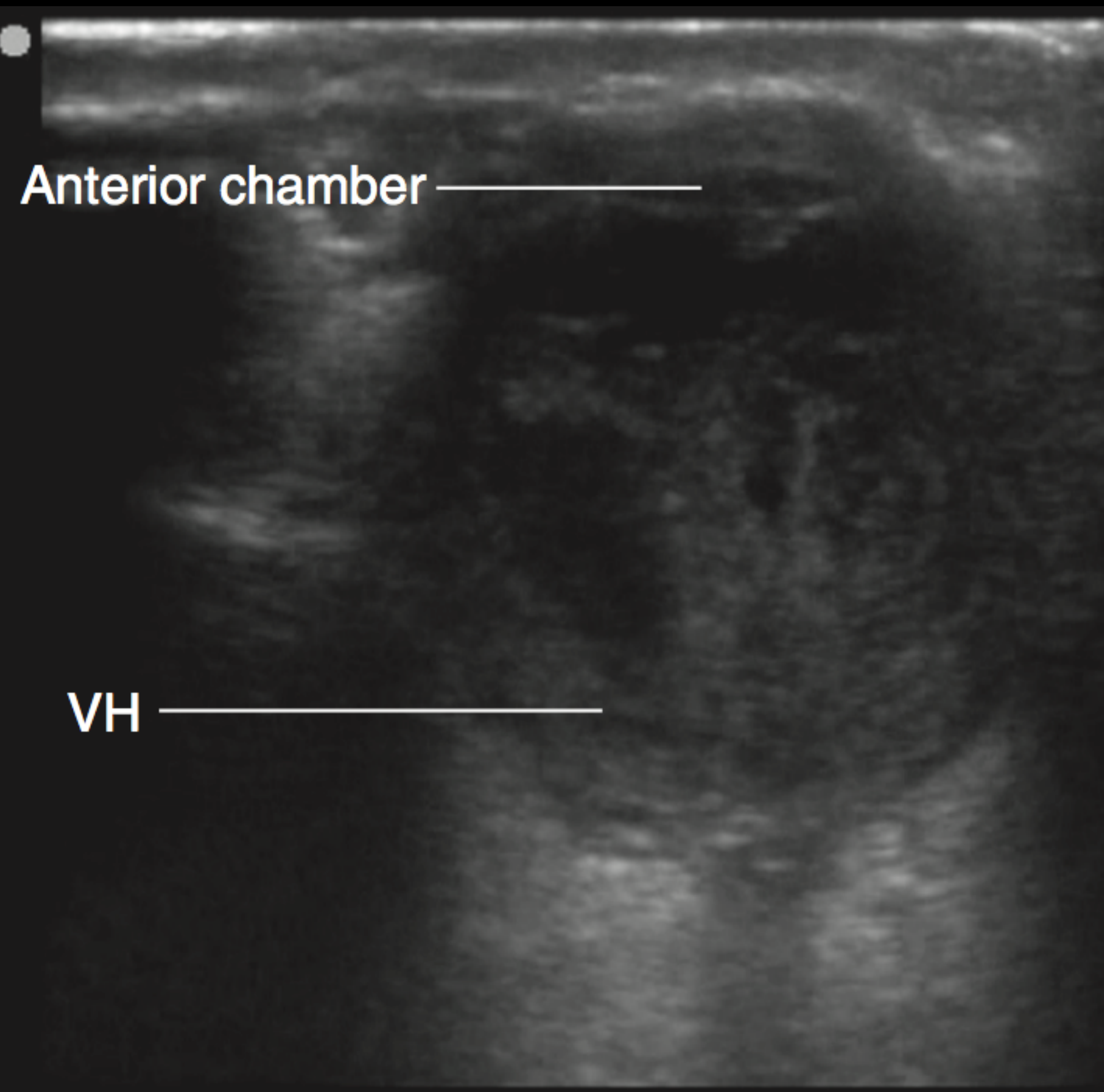
/1



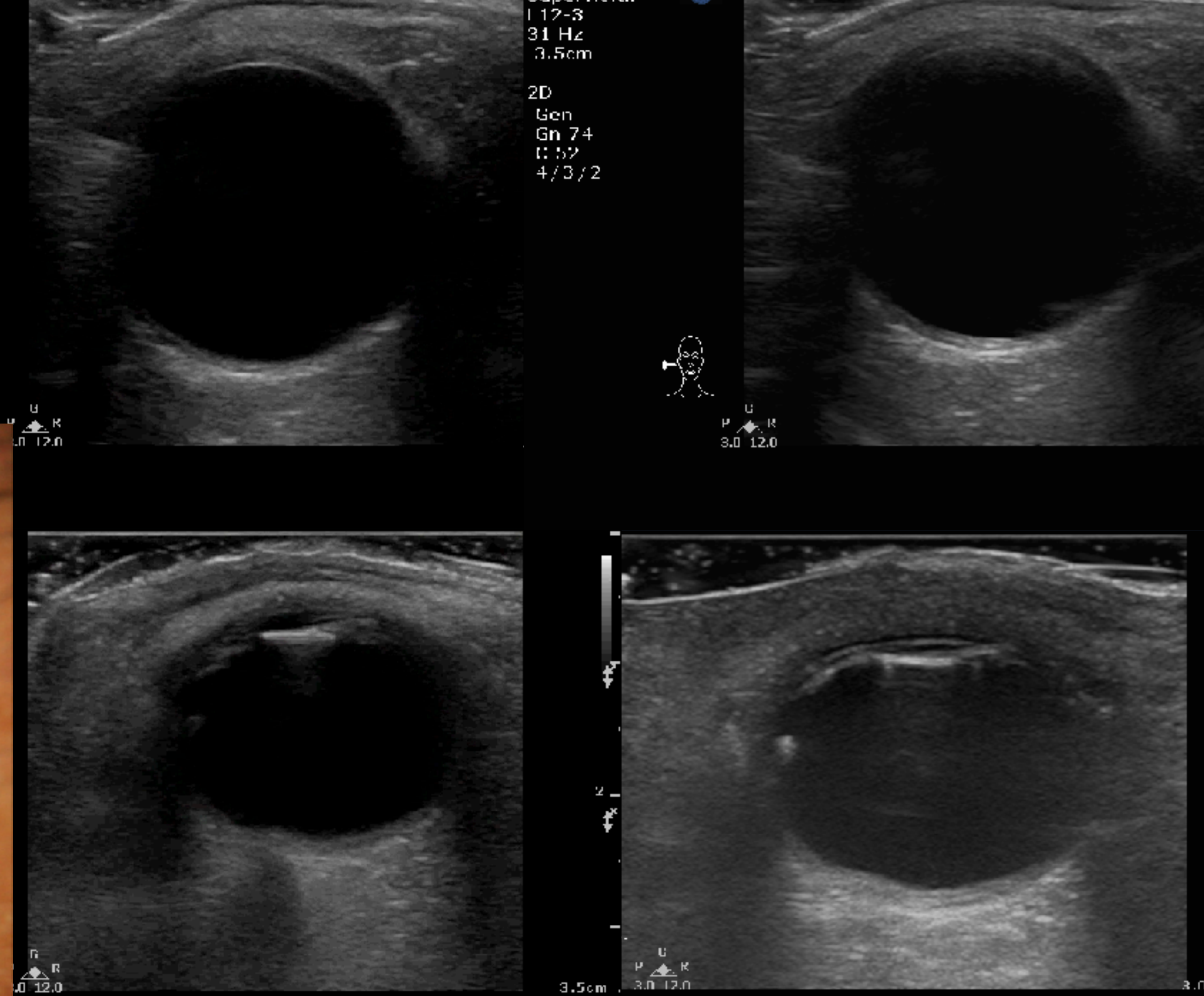
Blunt eye injury



Eyeball rupture

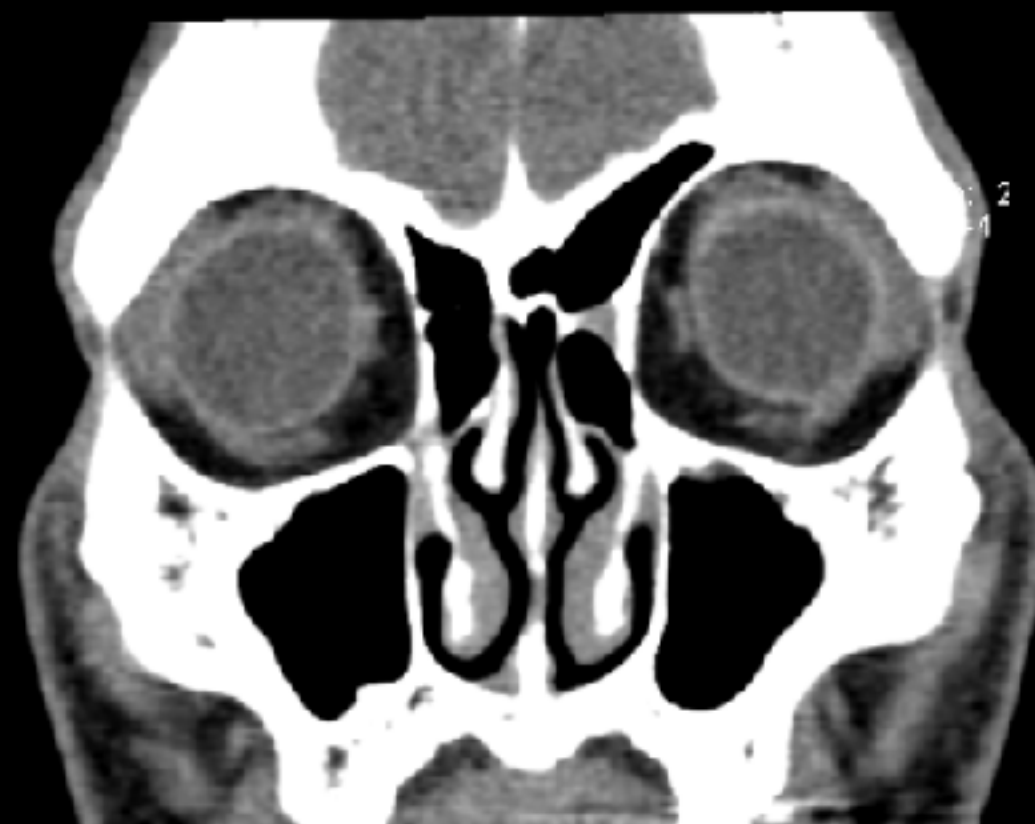


**77M, fell from bus
hit left eye (HM)**



Eyeball rupture

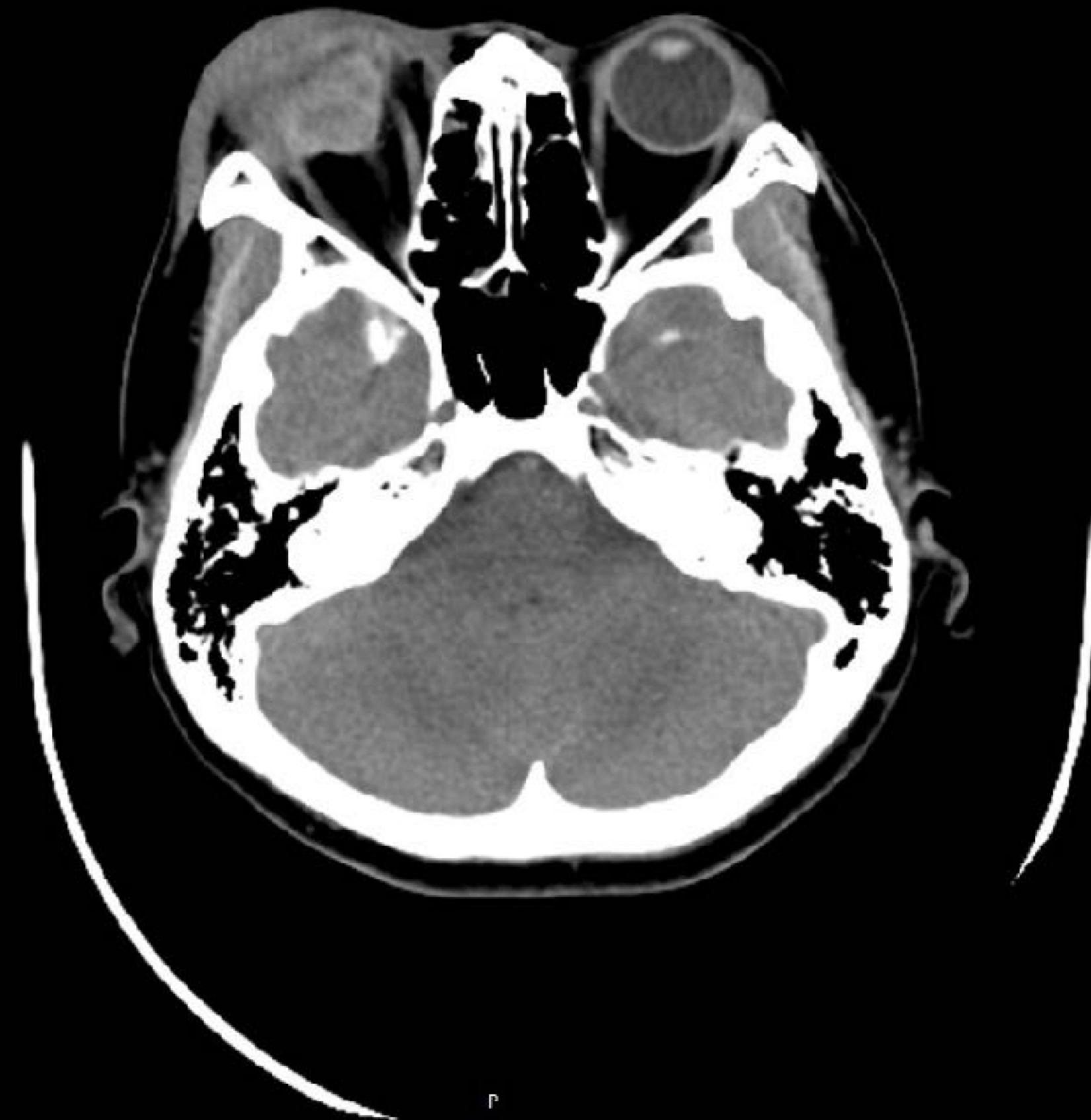
36M, 左眼鐵釘穿刺 (HM only)



Eyeball rupture
Traumatic cataract
RD
IOFB



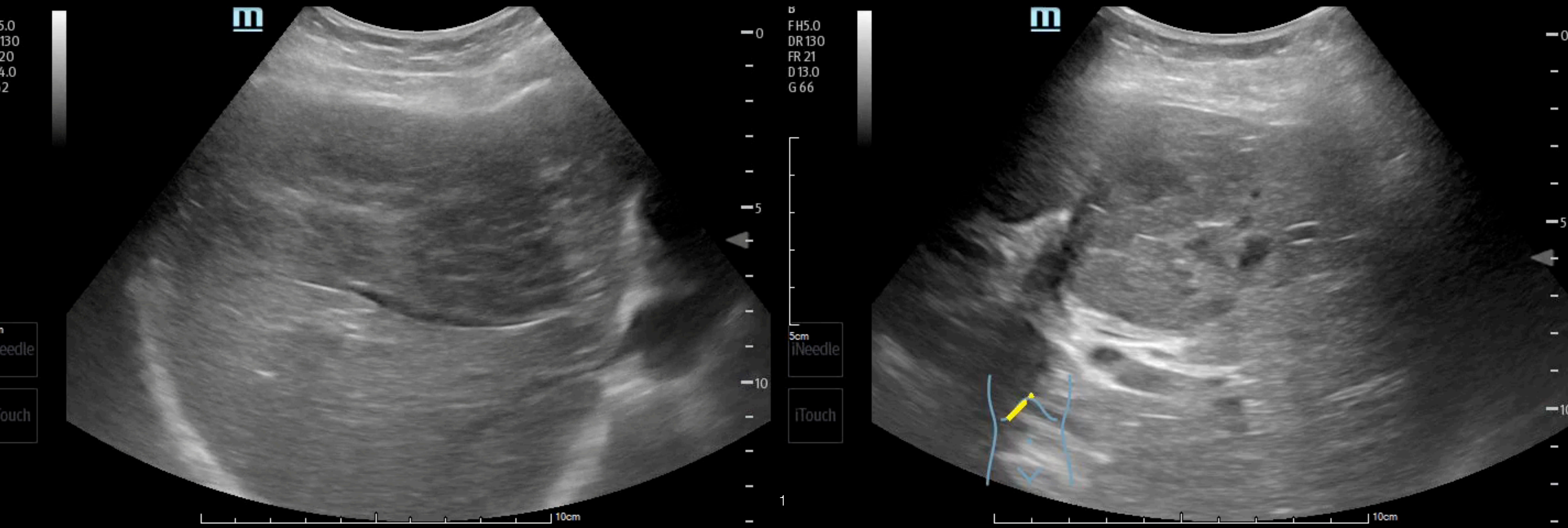
**19F, TA,
right eye swelling**



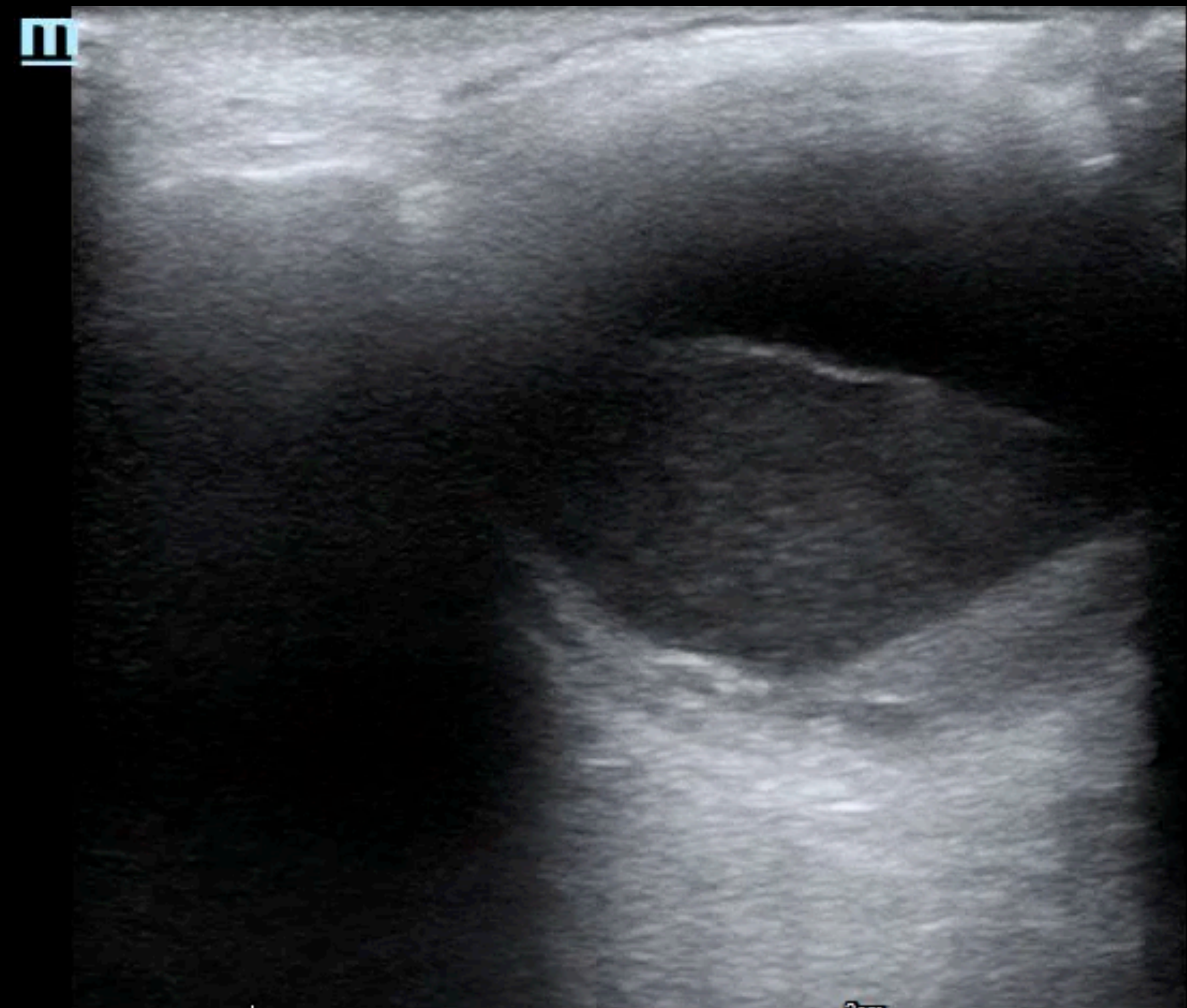
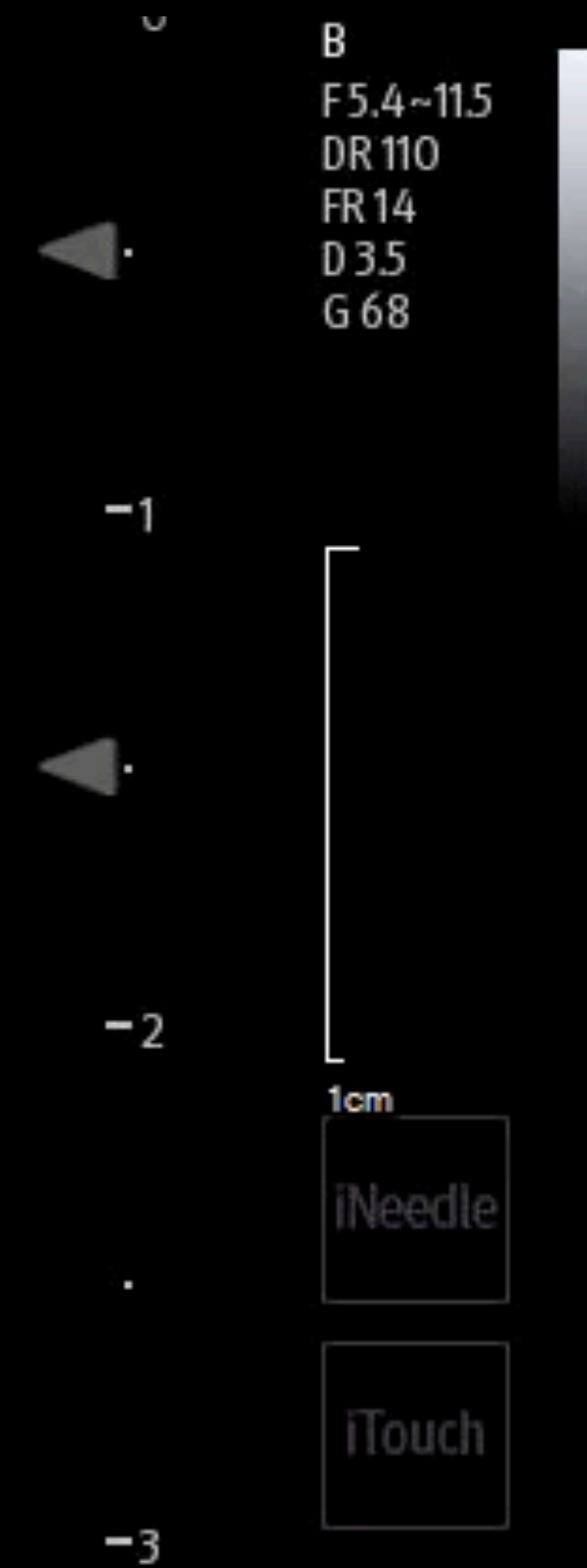
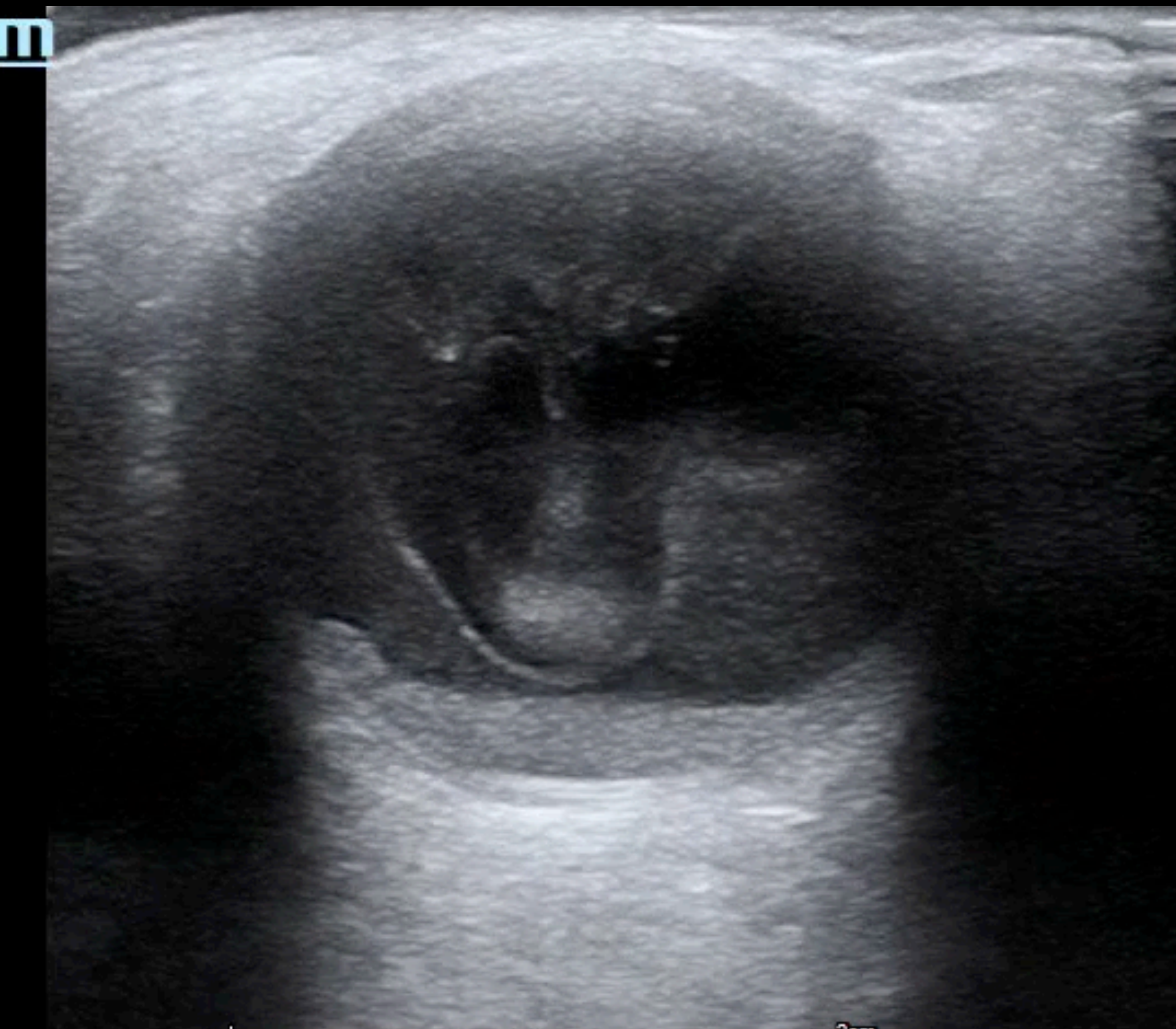
Eyeball rupture



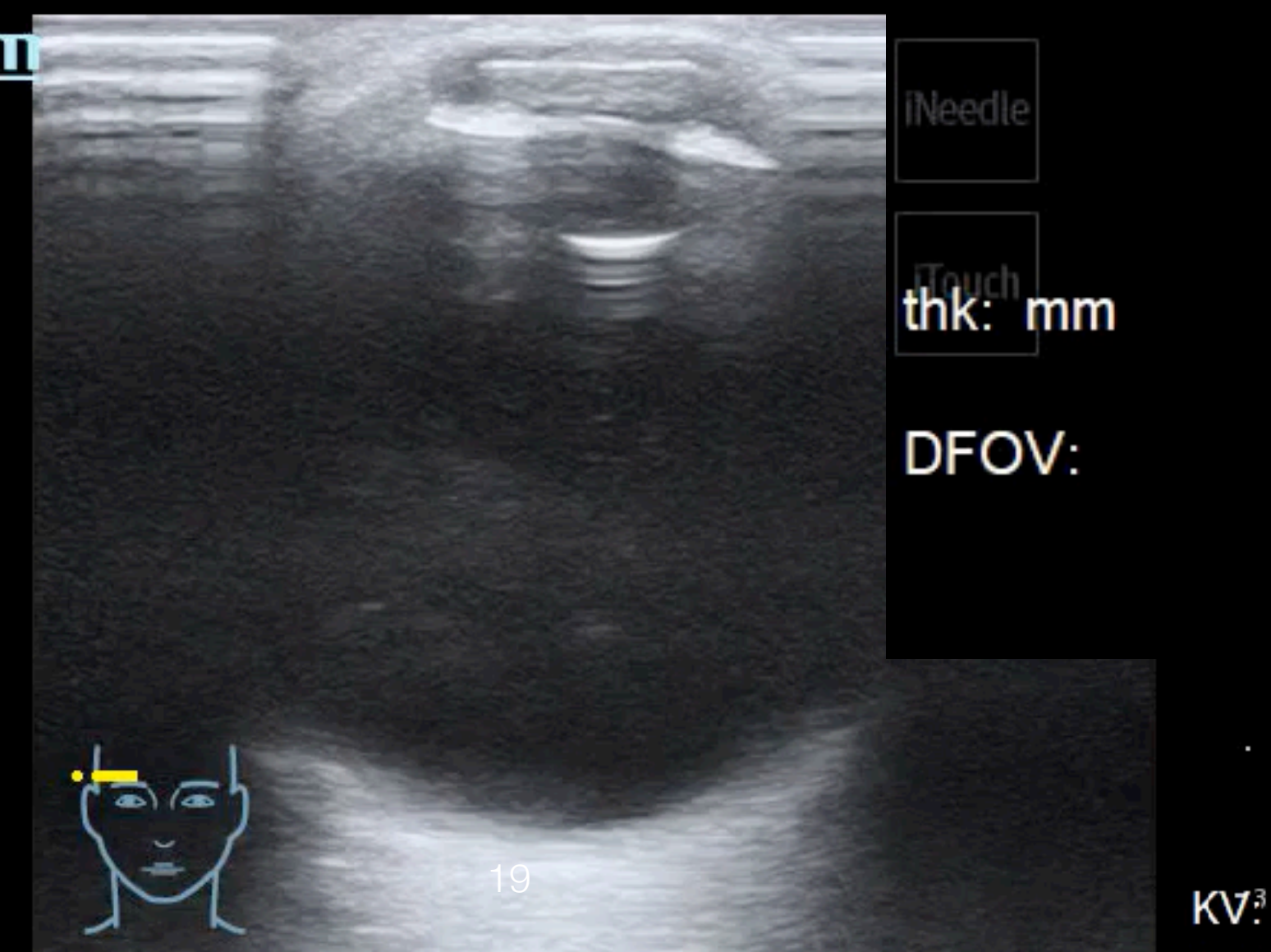
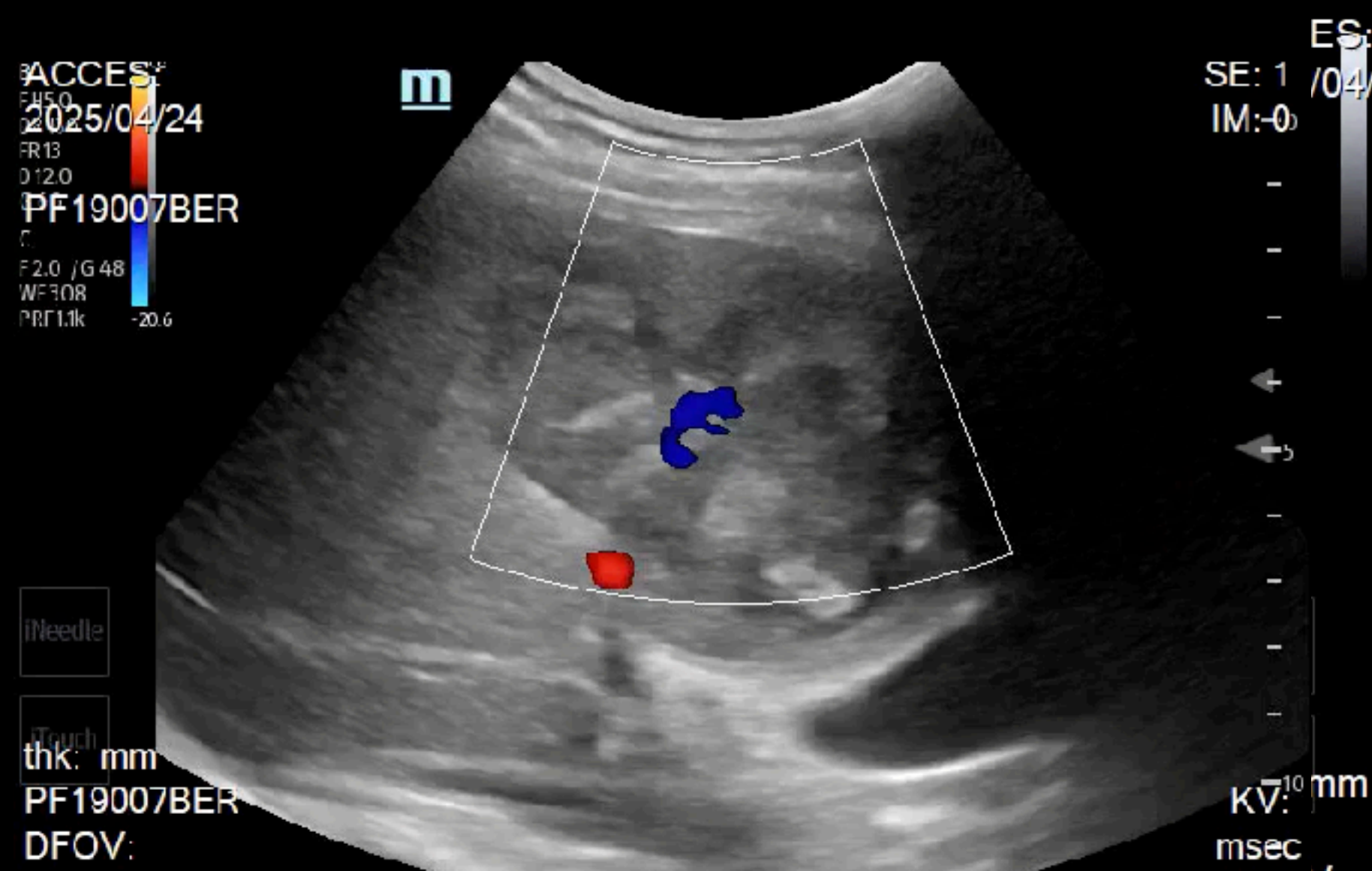
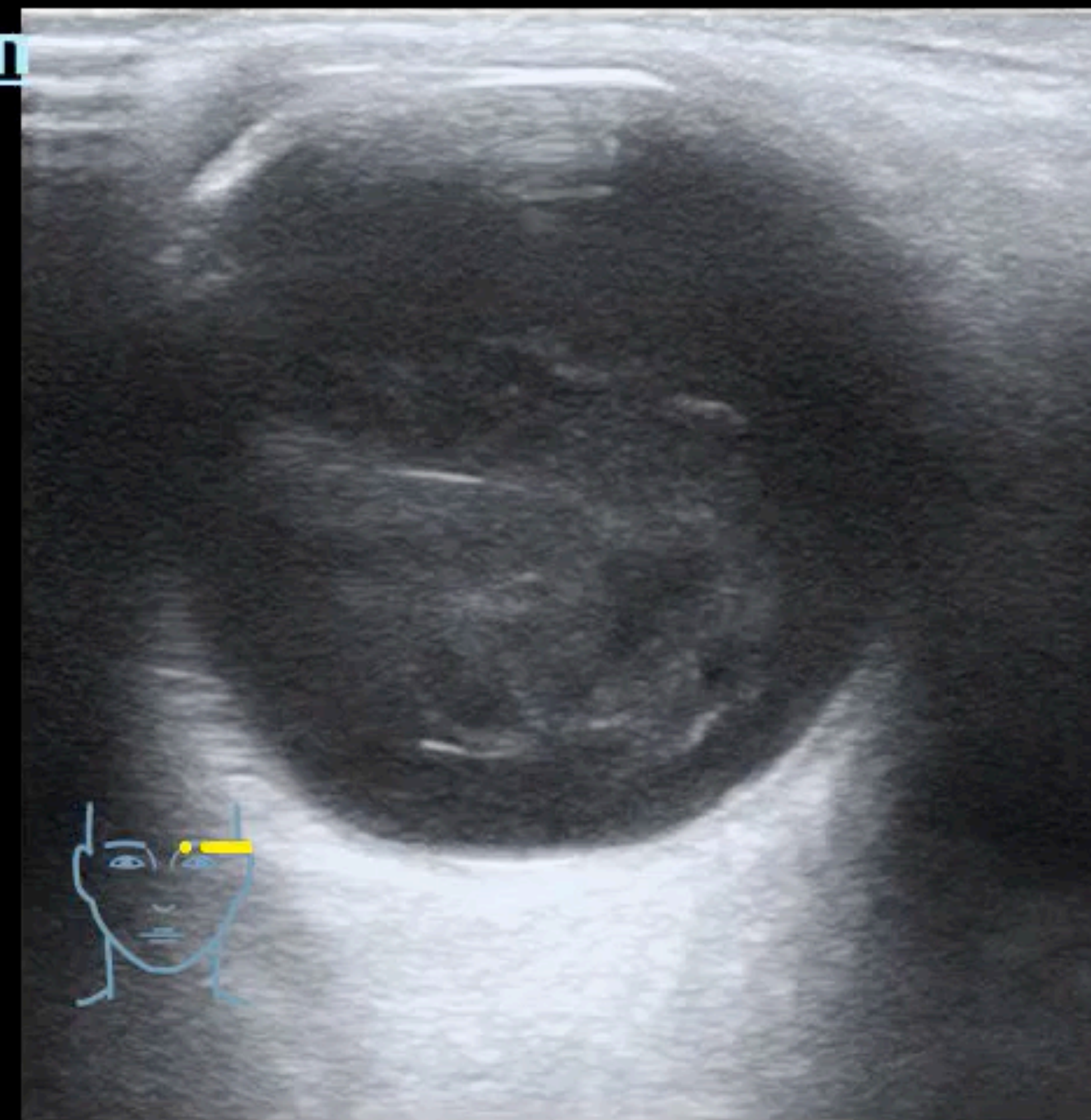
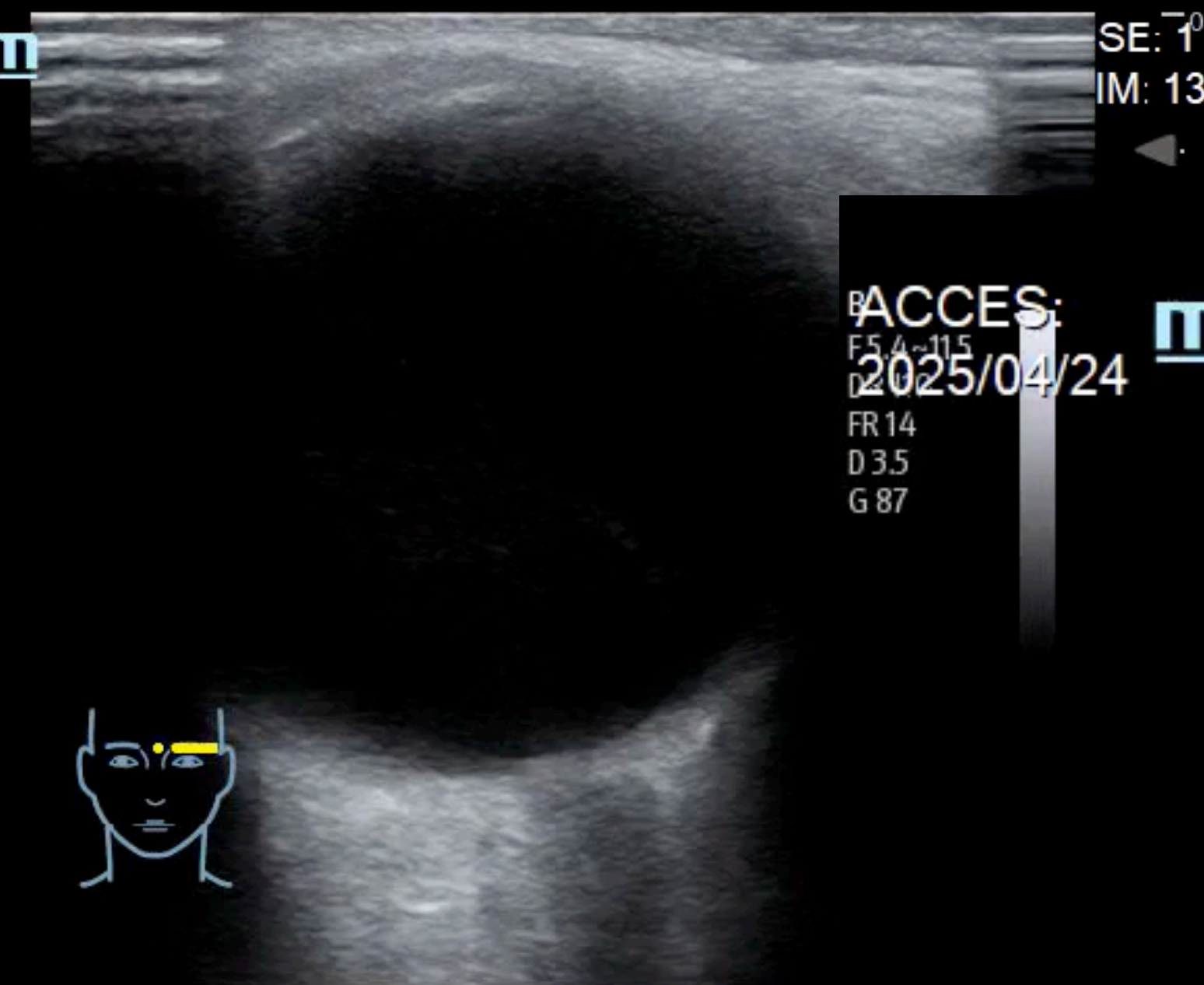
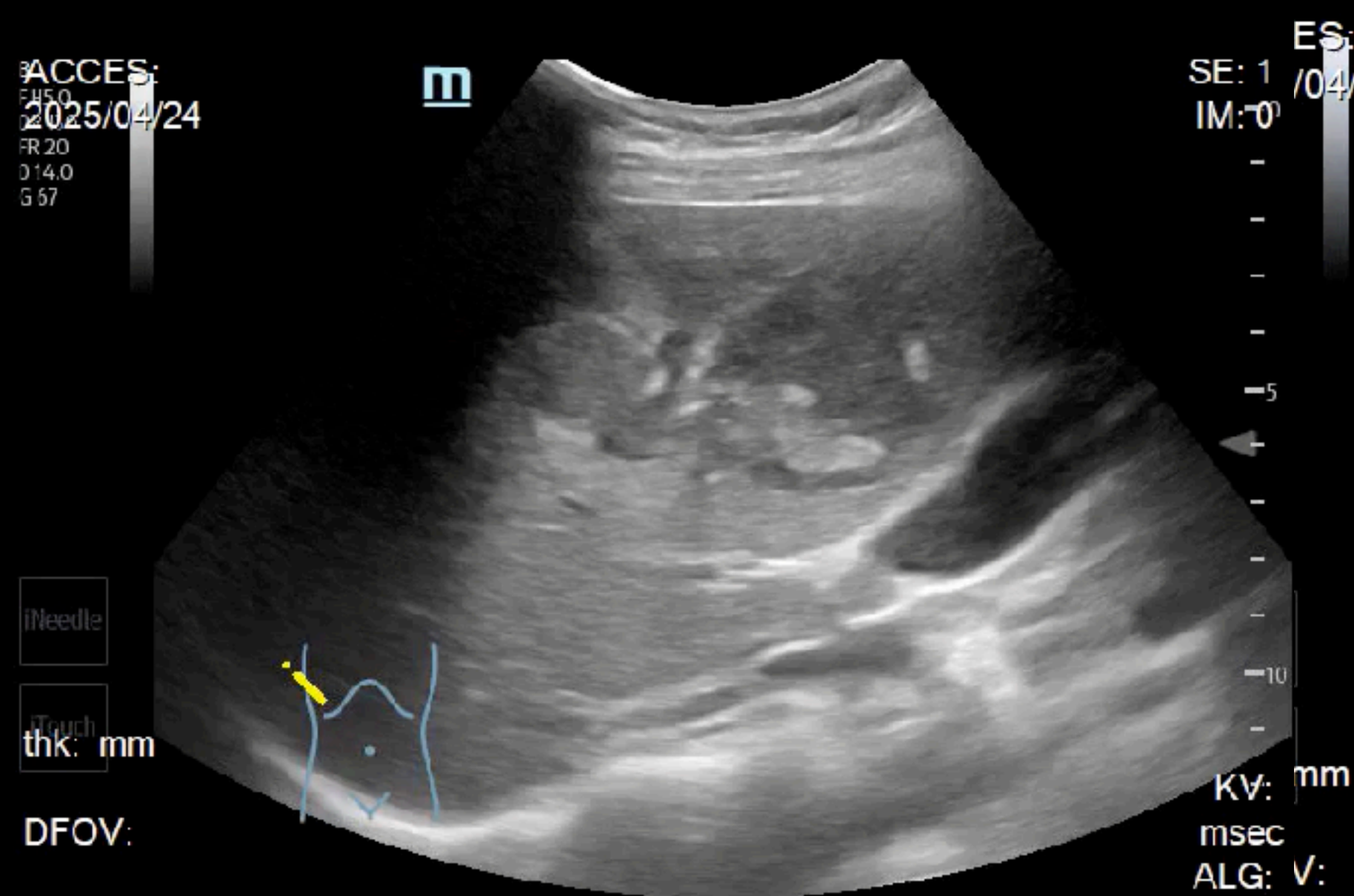
Endophthalmitis
Liver abscess
DM
KP



Endophthalmitis



42F, DM, fever & vomiting / blurred vision



Preseptal cellulitis

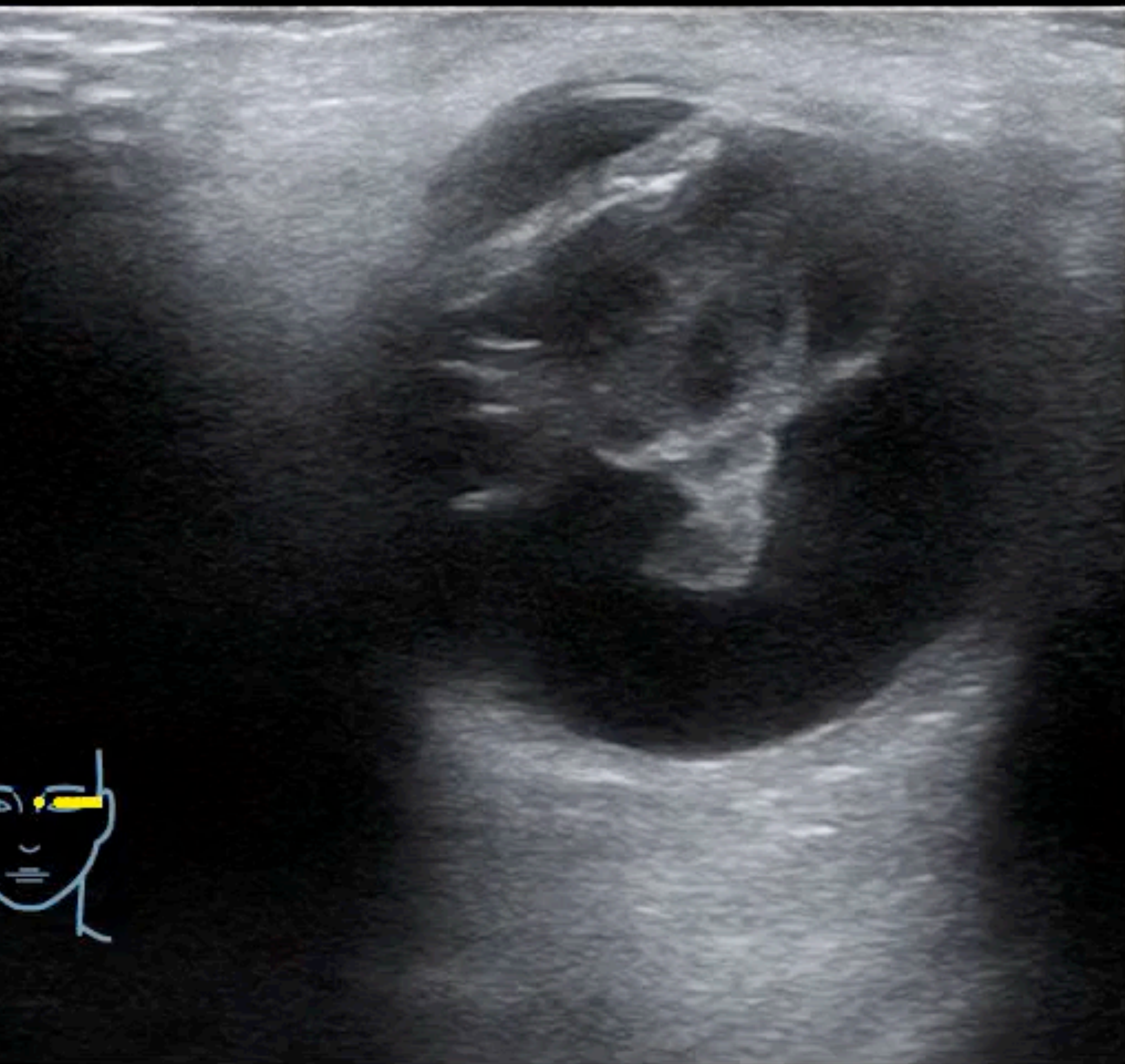


M7
B1
F7.5 /D4.6
G67 /FR43
IP5 /DR95

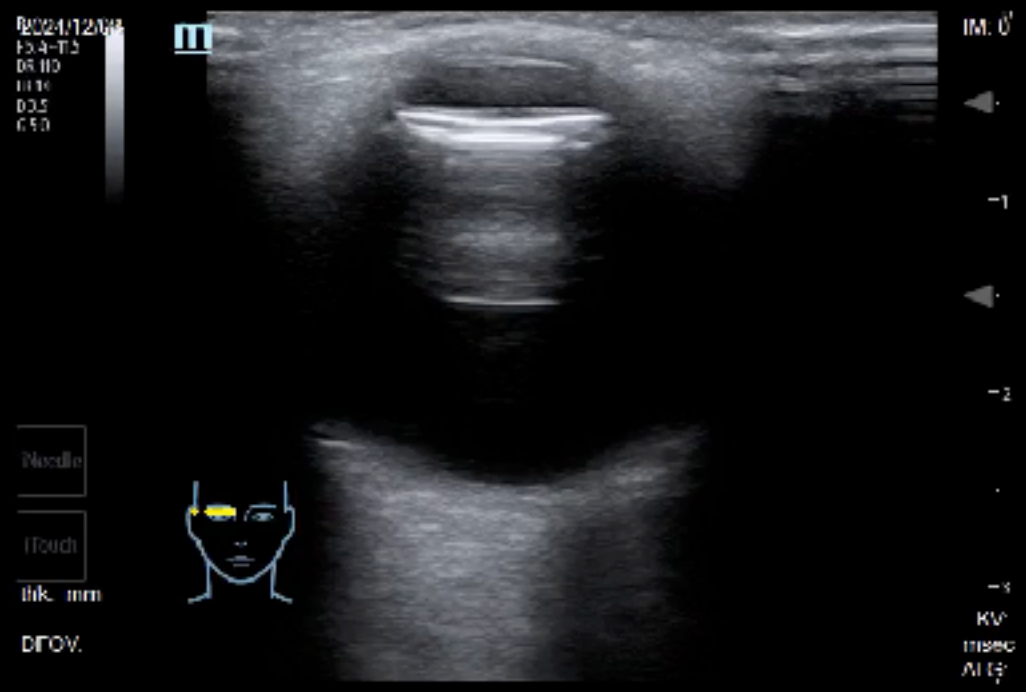
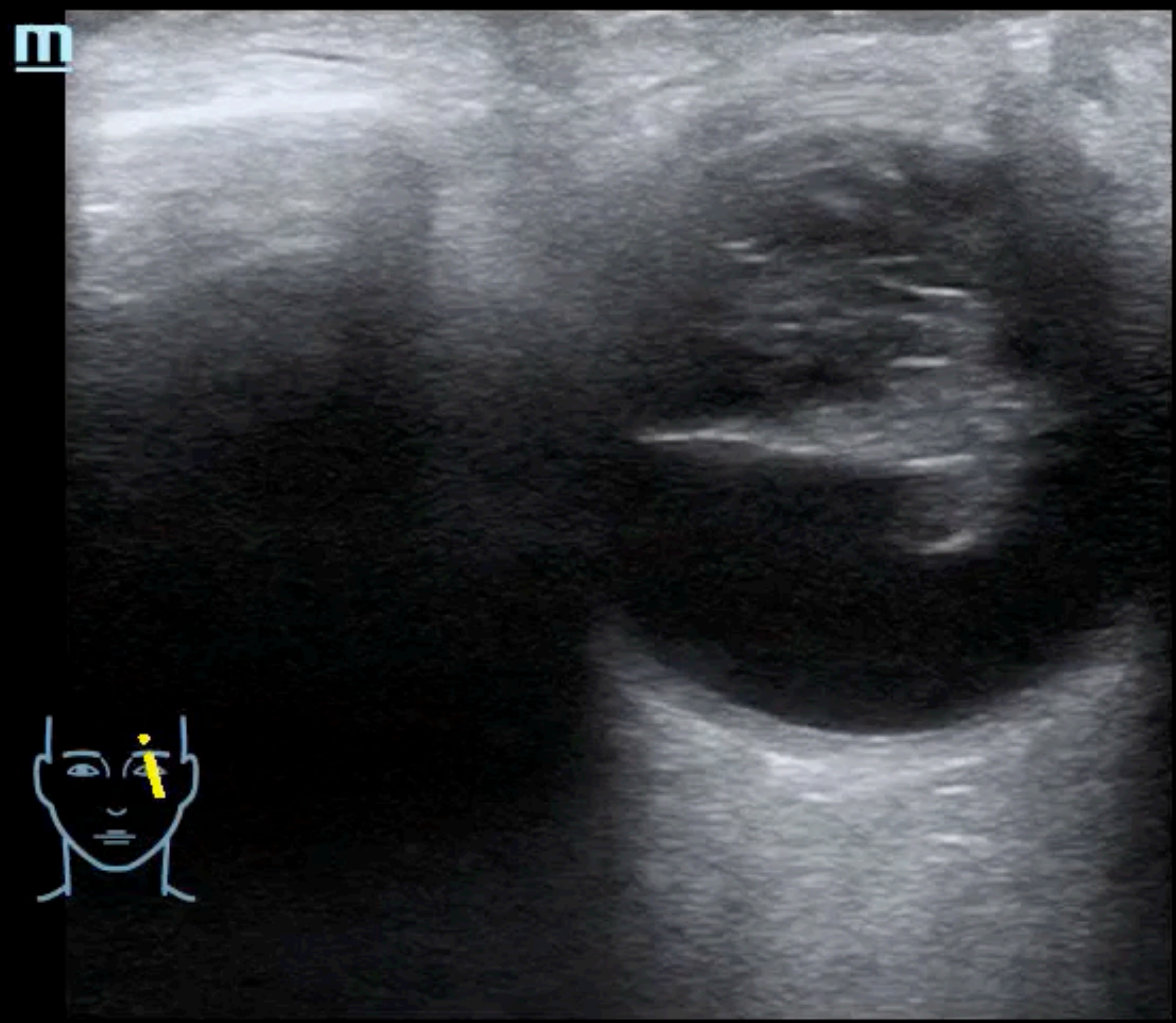


80F, left eye pain
BT 38 ; UTI

OPH: pseudohypopyon



IM: 2 2024/12/08
F5.4~11.5
DR 110
FR 14
D 3.5
G 70
-1
-2
iNeedle
iTouch
-3 thk: mm
KV:
msec DFOV:
ALG:



MI 0.1
TIS 0.0

P

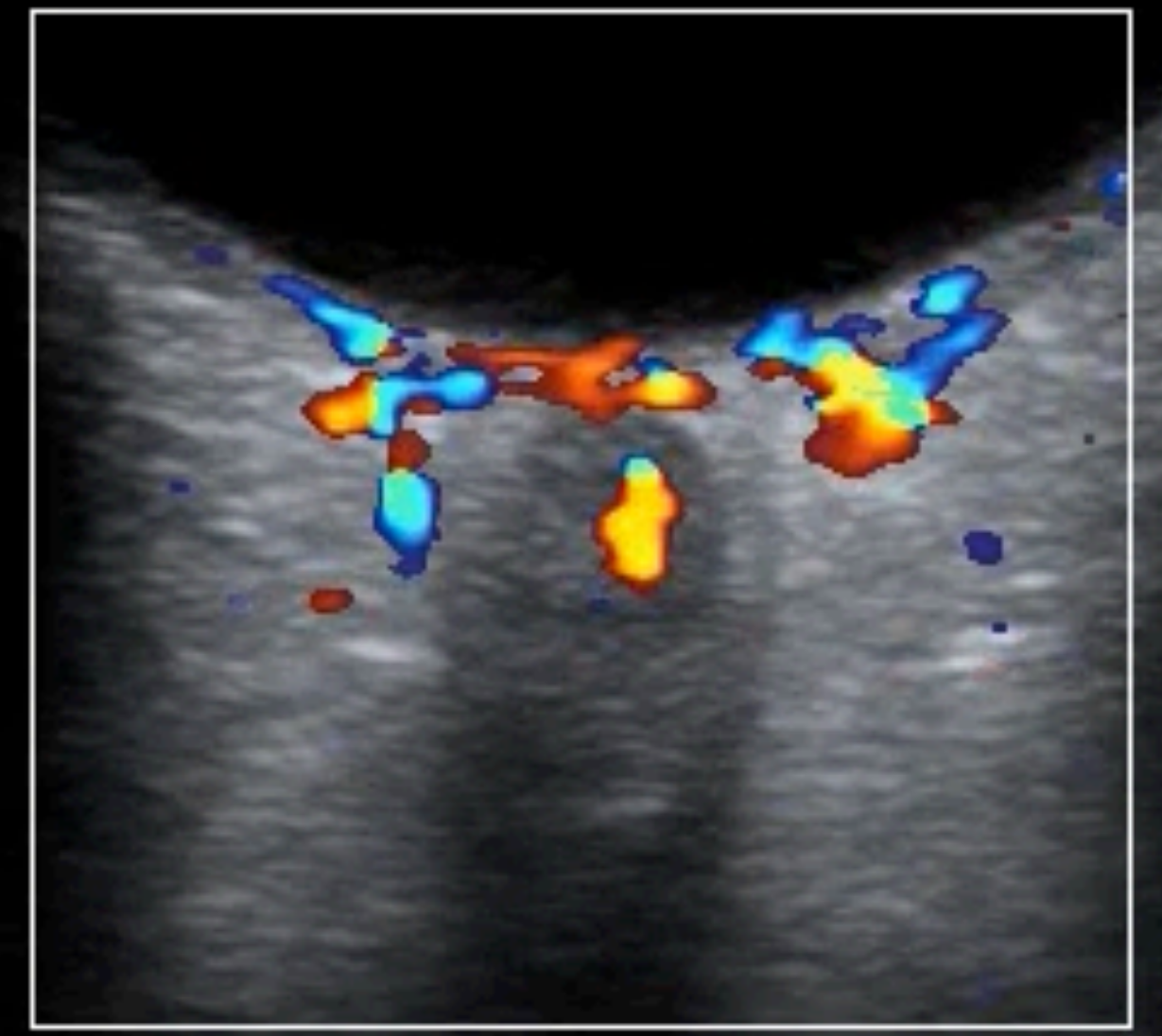
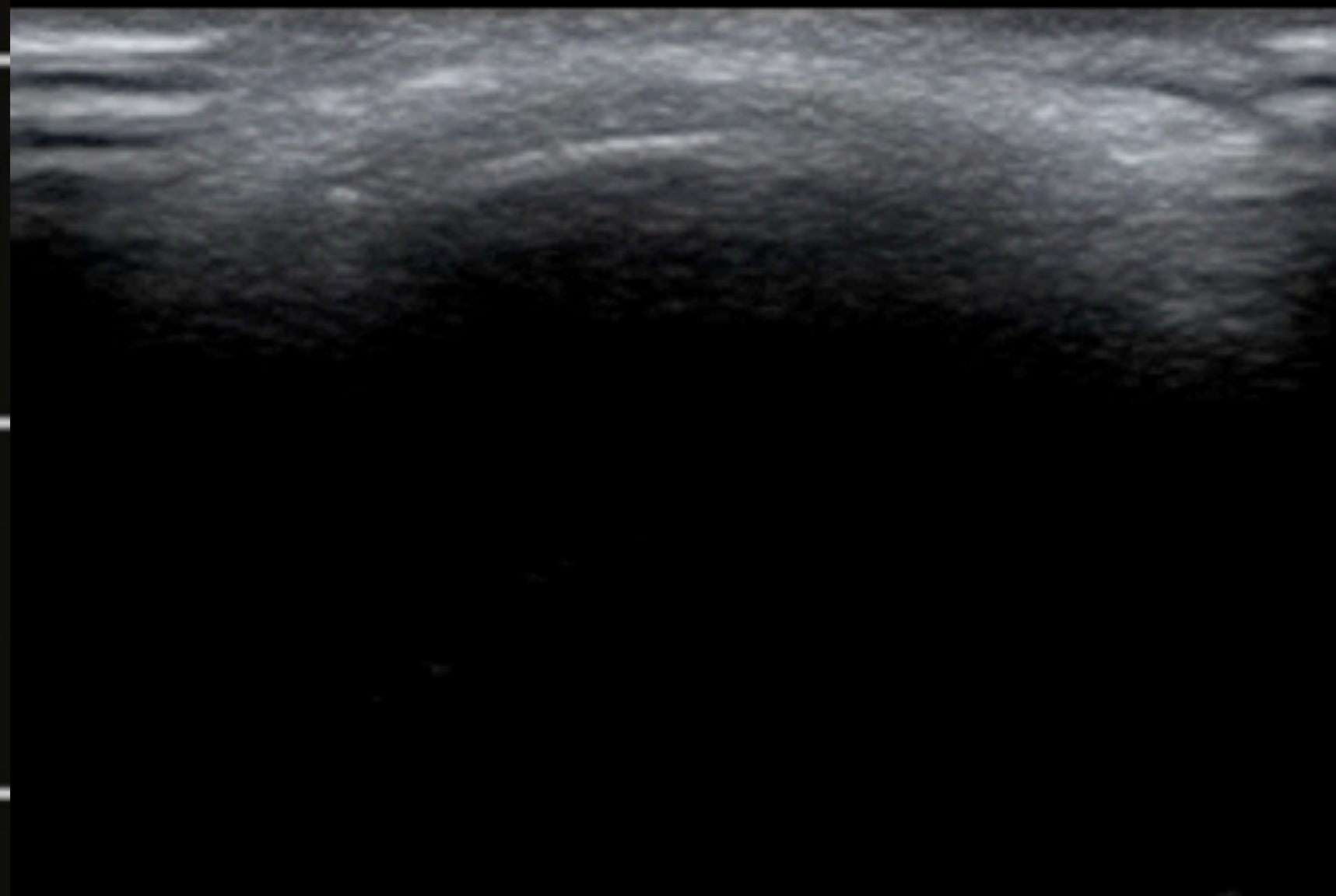
CRA + V

Optic nerve

G
P R
4.0 12.0

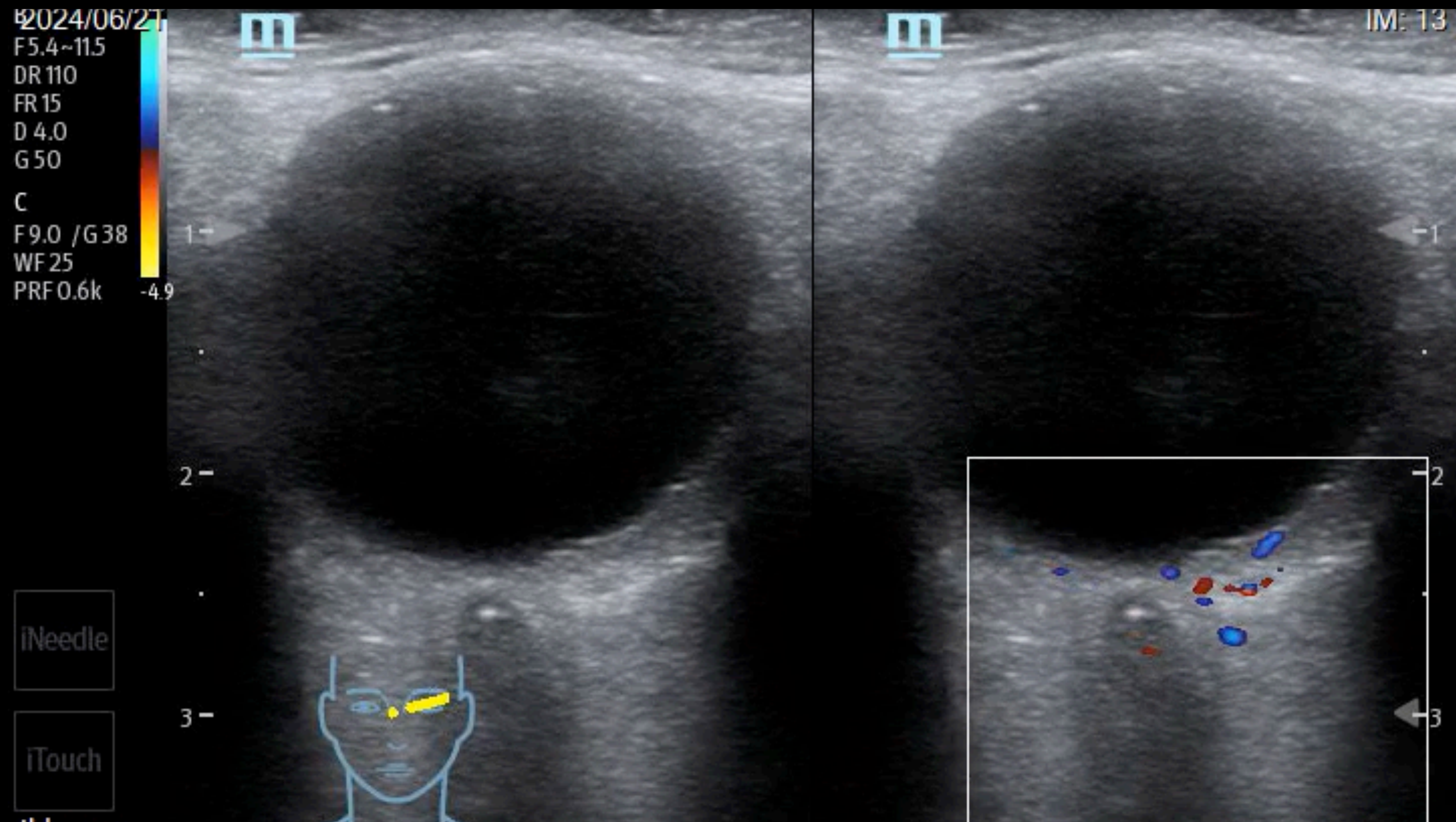
+6.0
cm/s
-6.0
2
<

3.5cm
- 40
- 20
- 0
- 20
- 40
cm/s
+



ChenKC@POCUSacademy

96M, left eye visual loss for 2 days



Central retinal artery occlusion

RBSS: retrobulbar spot sign

