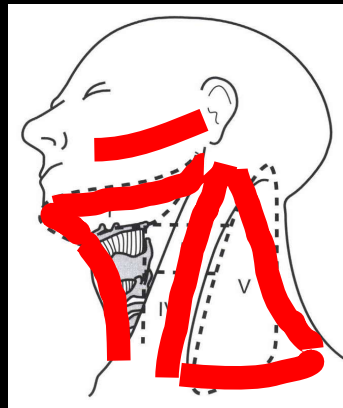
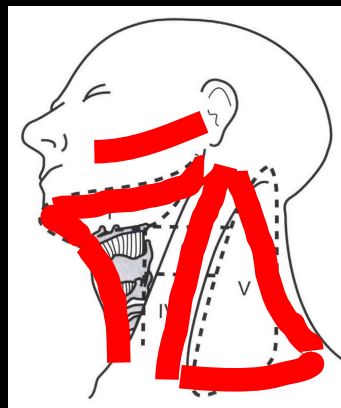


Fundamentals : Ultrasound of the neck in 7 sweeps



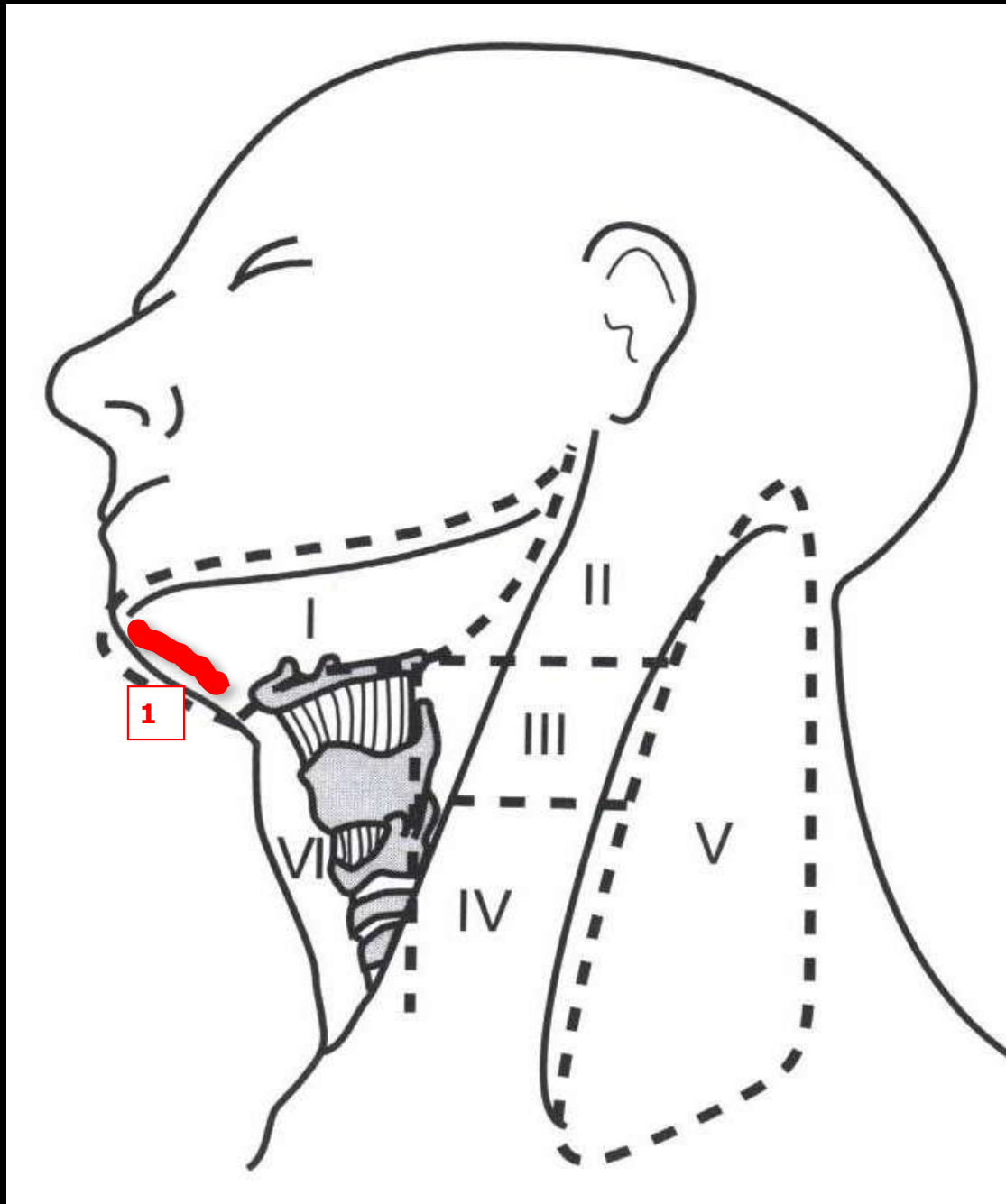
Rhian Rhys

Ultrasound of the neck in 7 sweeps



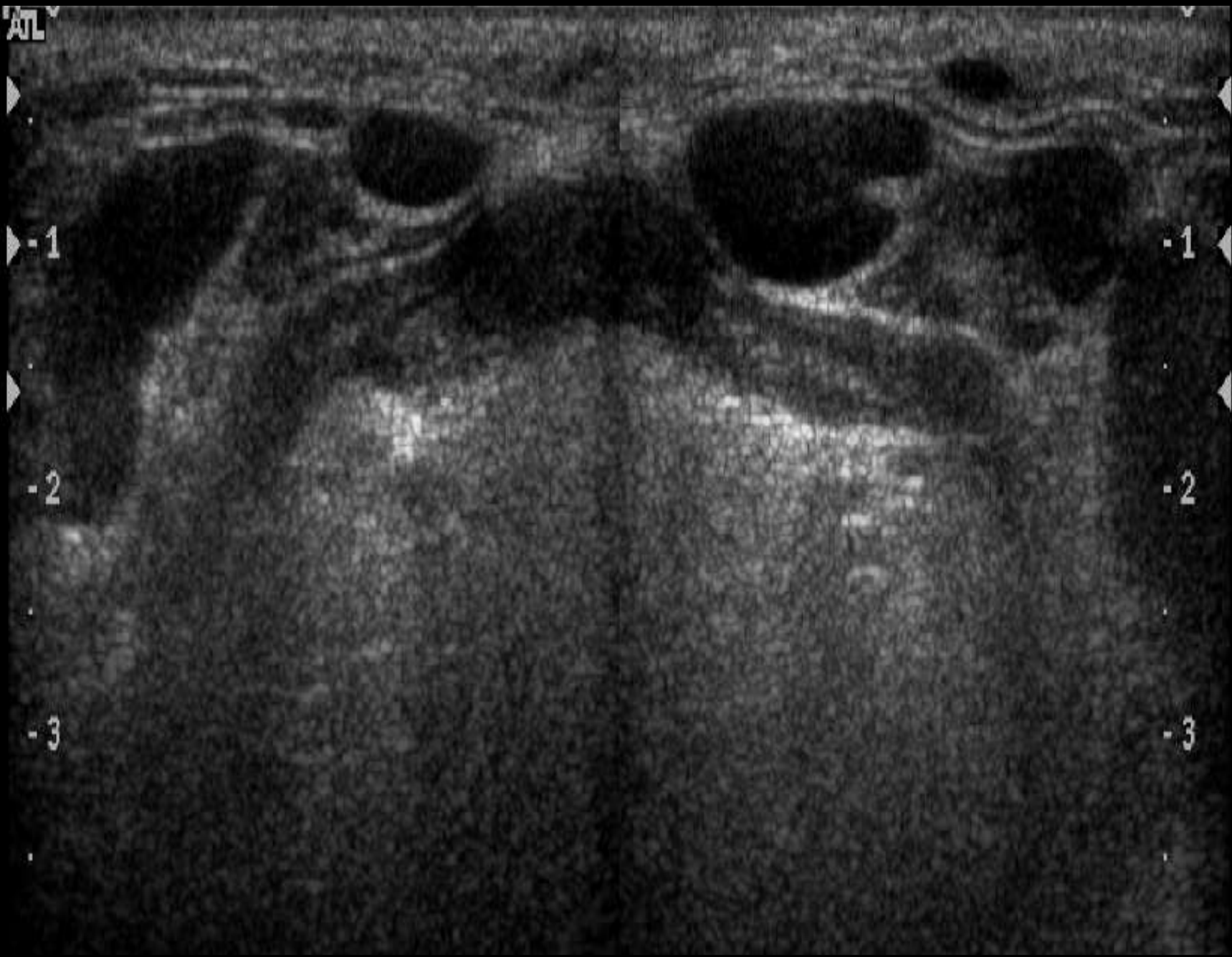
Rhian Rhys & Rhodri Evans

Sweep 1: submental

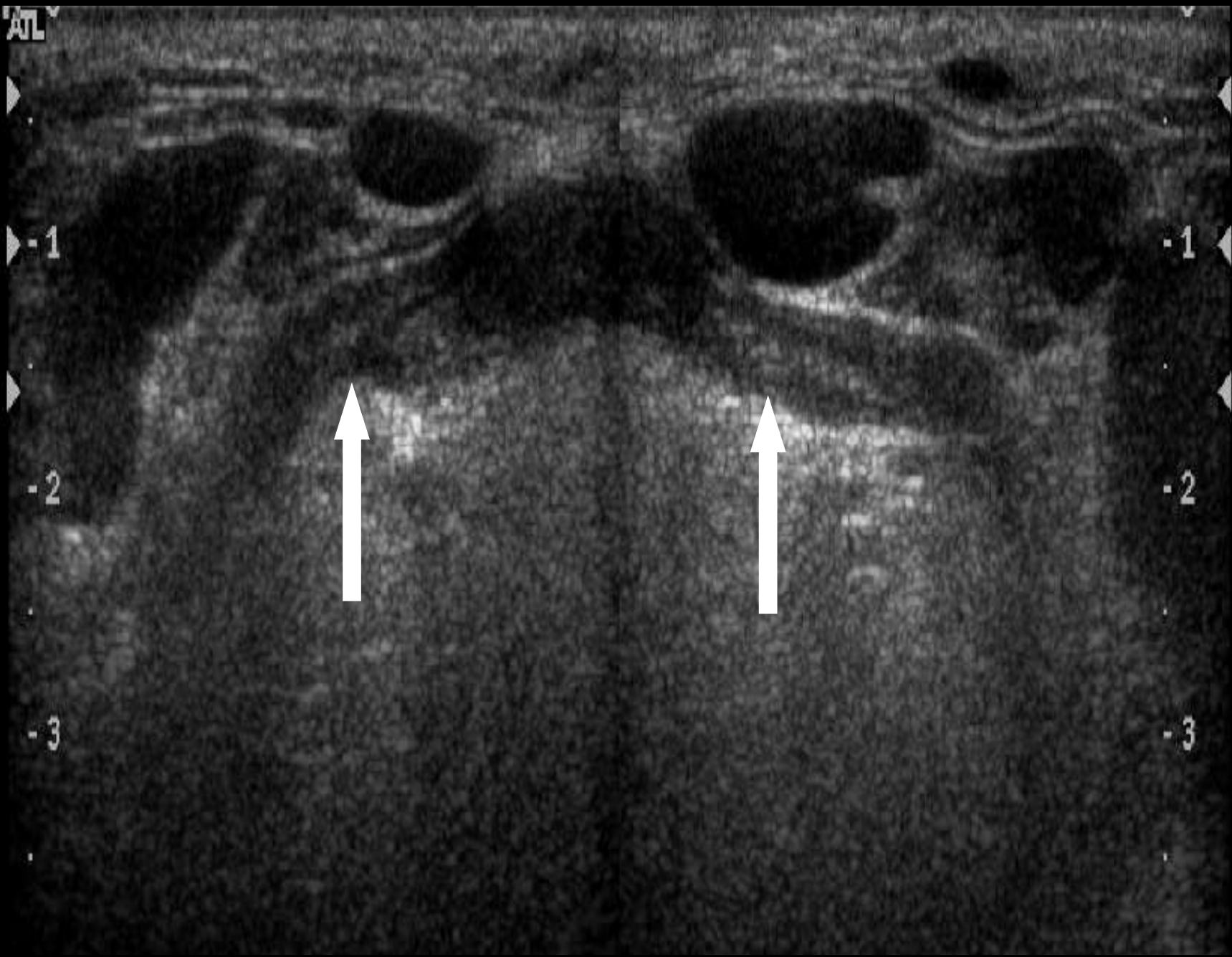


- chin to hyoid
- midline

AL



AL



-1

-1

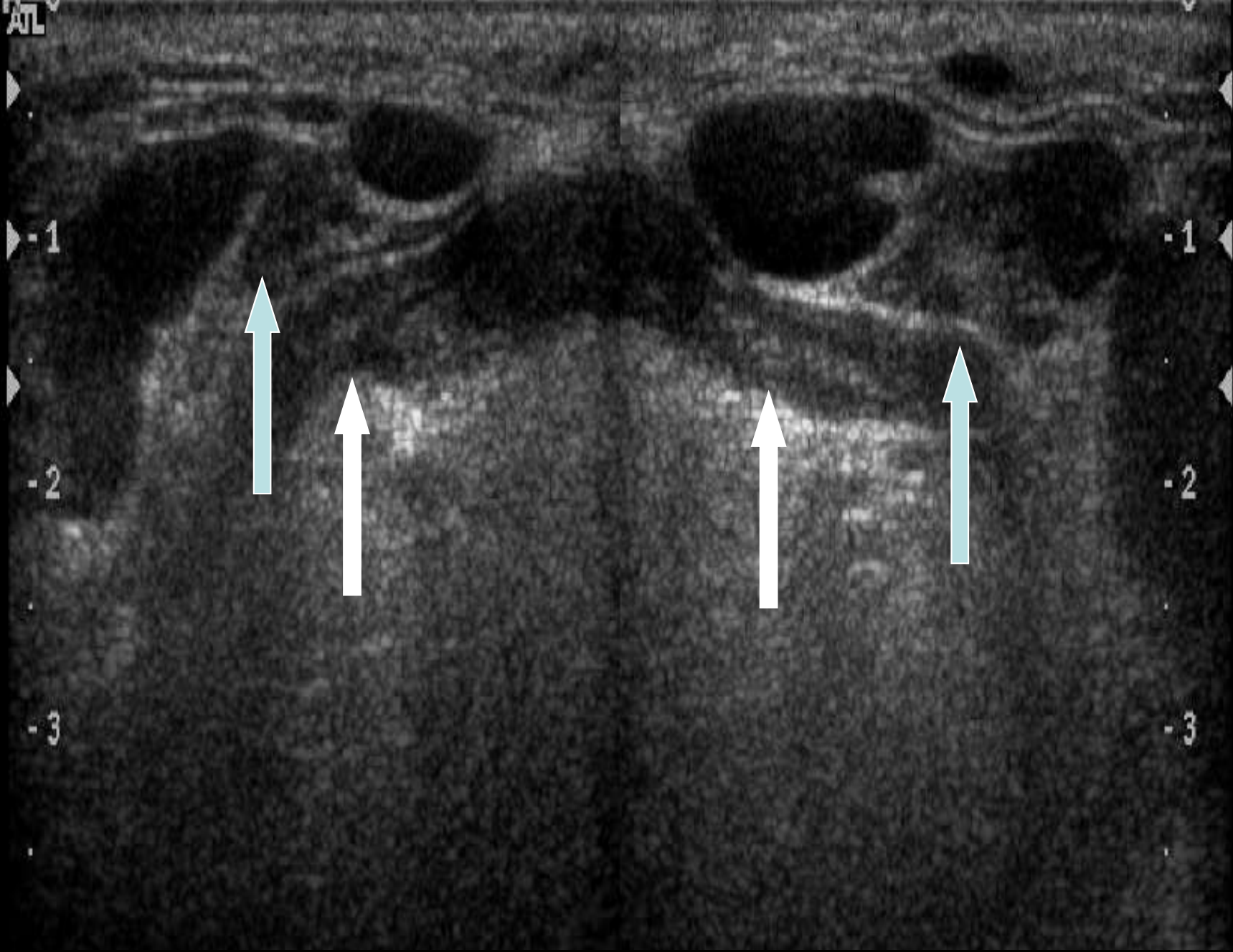
-2

-2

-3

-3

AL



-1

-1

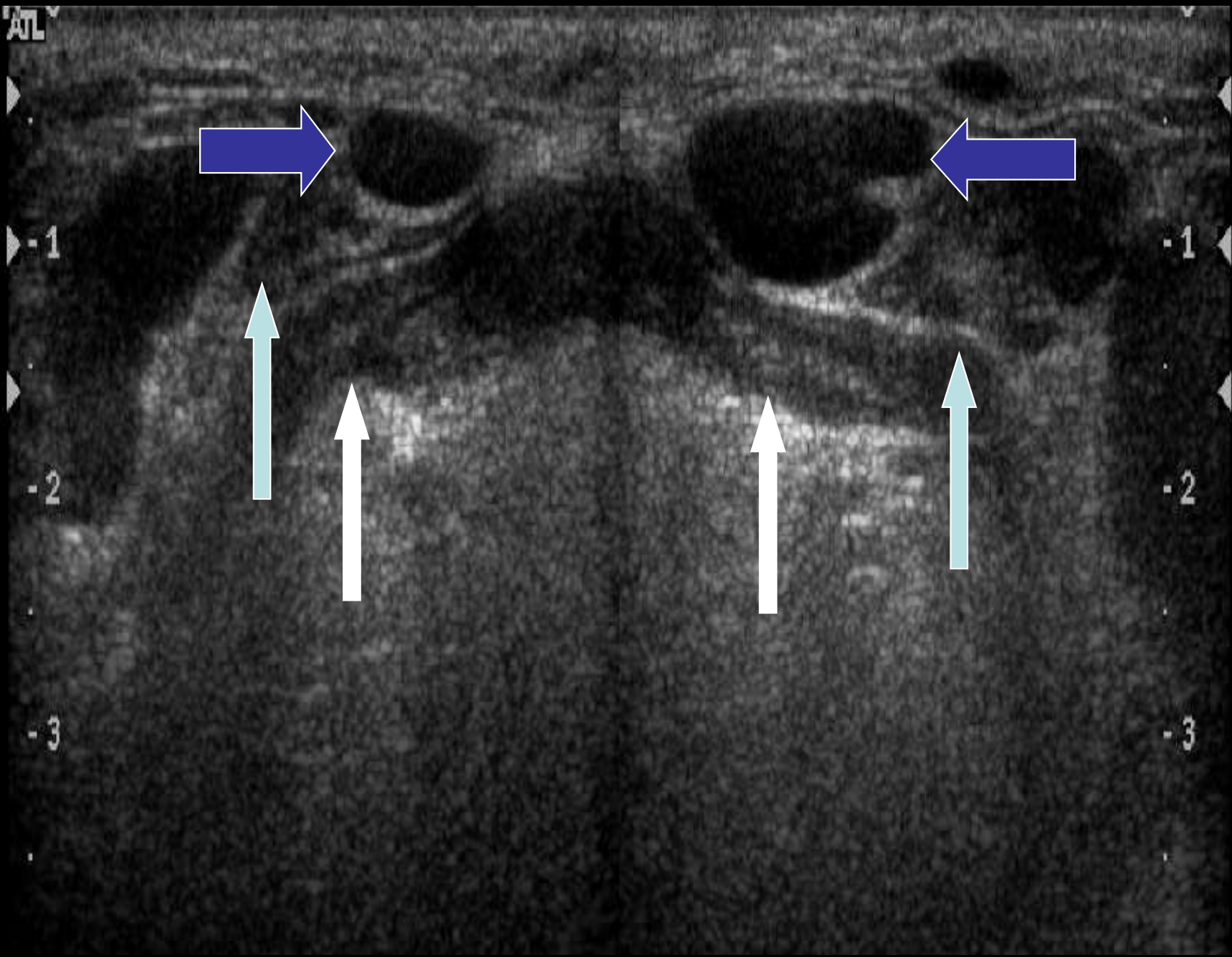
-2

-2

-3

-3

AL



-1

-1

-2

-2

-3

-3

ZD Opt:ren

ATL

ATL

▶

▶

▶ -1

▶ -1

▶

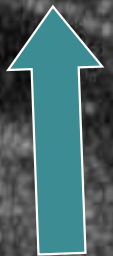
▶

-2

-2

-3

-3



SUBMENTAL NODES

ZD Opt:ren

ATL

ATL

▶

▶ -1

▶

-2

-3

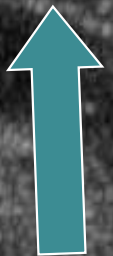
▶

▶ -1

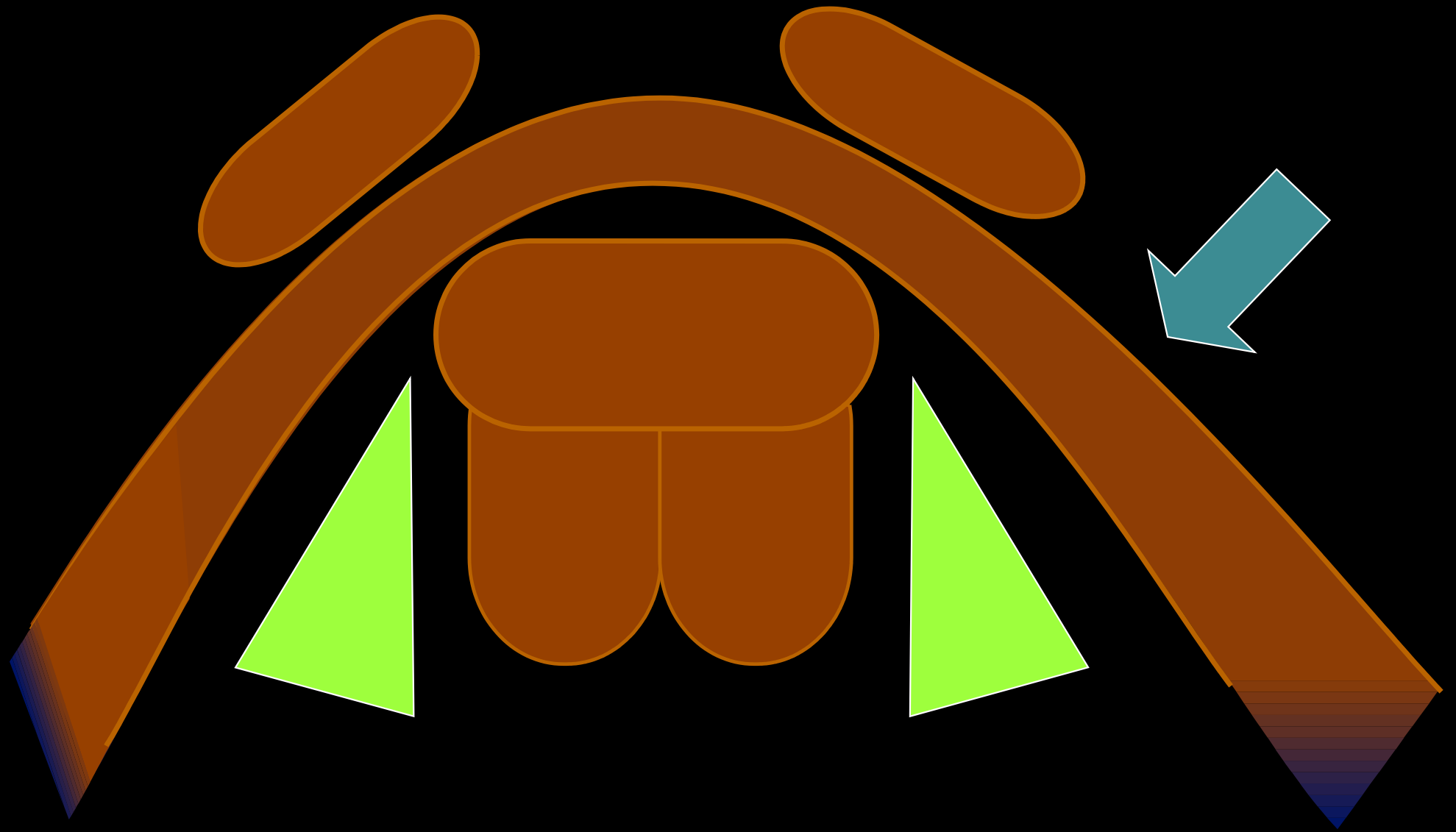
▶

-2

-3



SUBMENTAL NODES

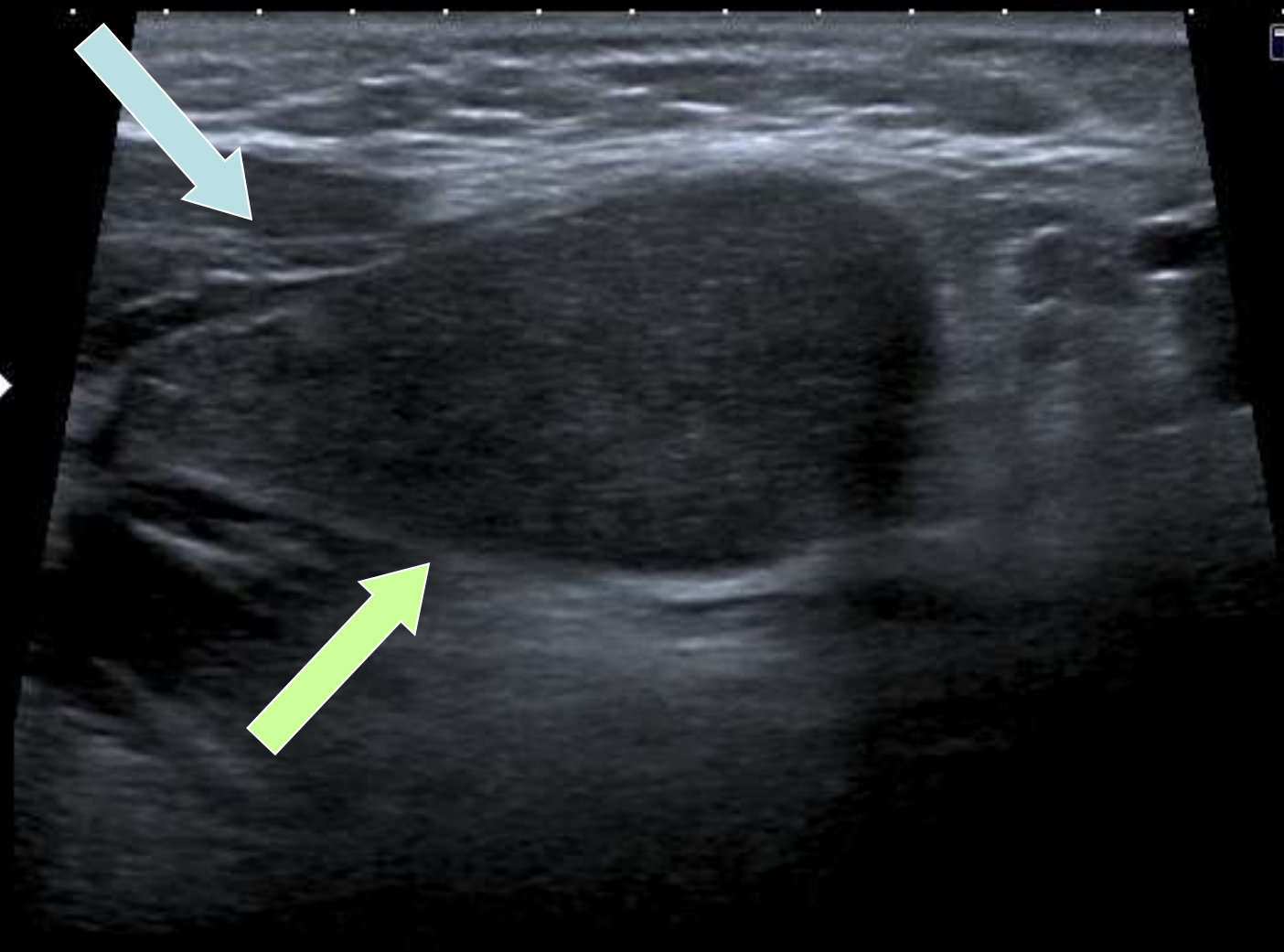




MI: (1.6)
2DG
80
DR
65

12L5
diffT8.0
34 fps

0
2
4



Precision A Pure+



0 ◆

2 ◆▶

4 ◆

12L5
diffT8.0

34 fps



T

MI:1.6

2DG

80

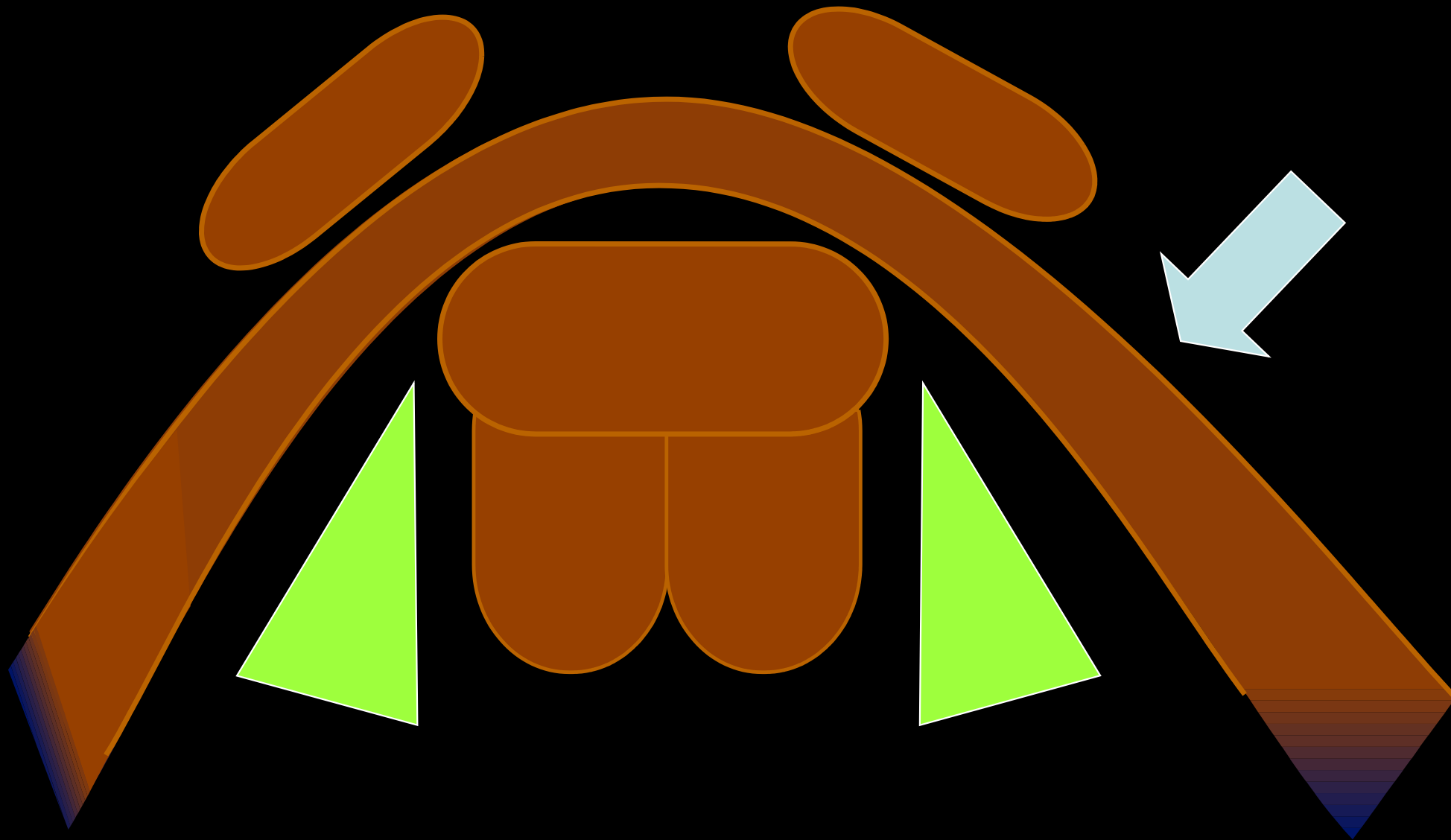
DR

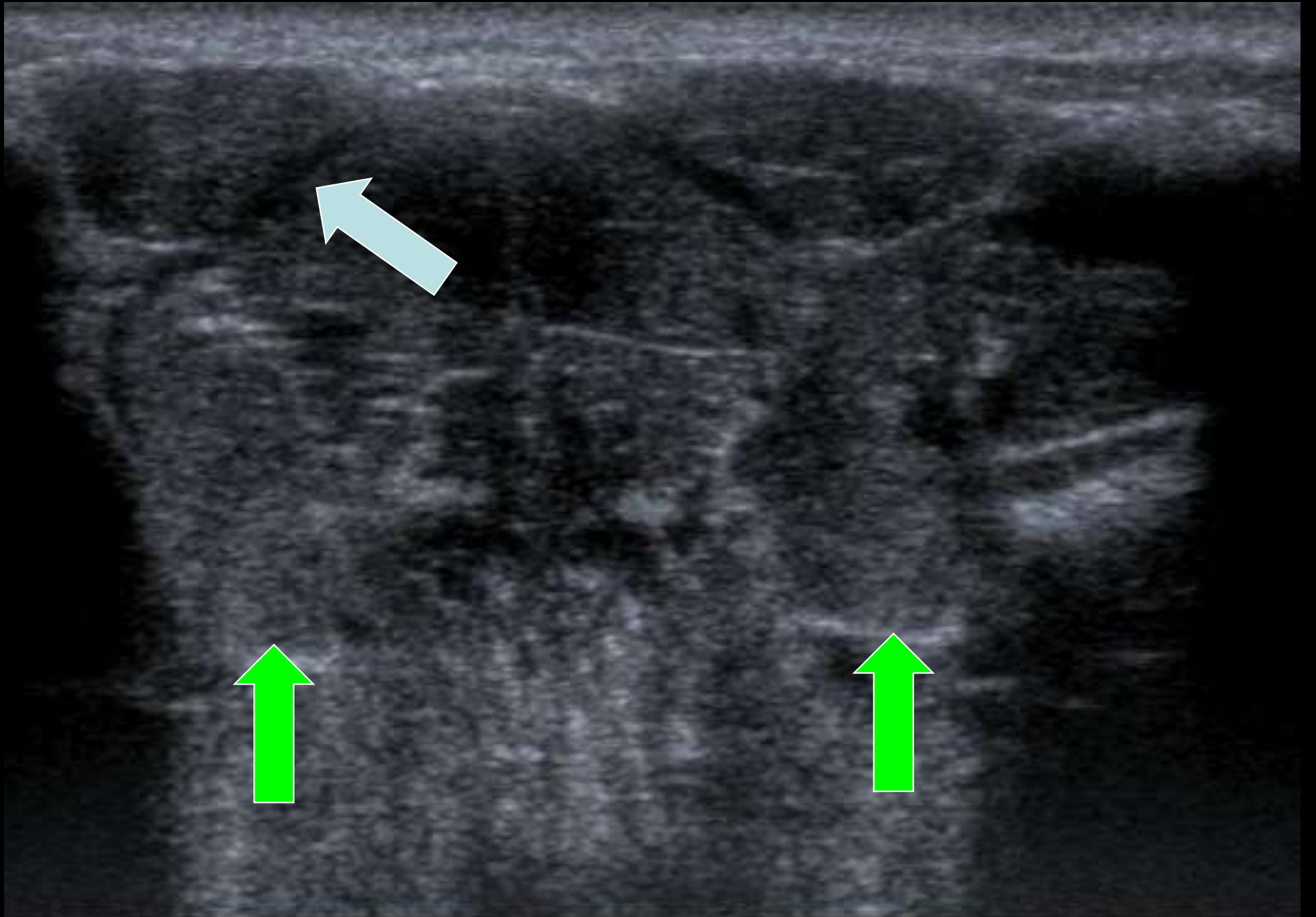
65

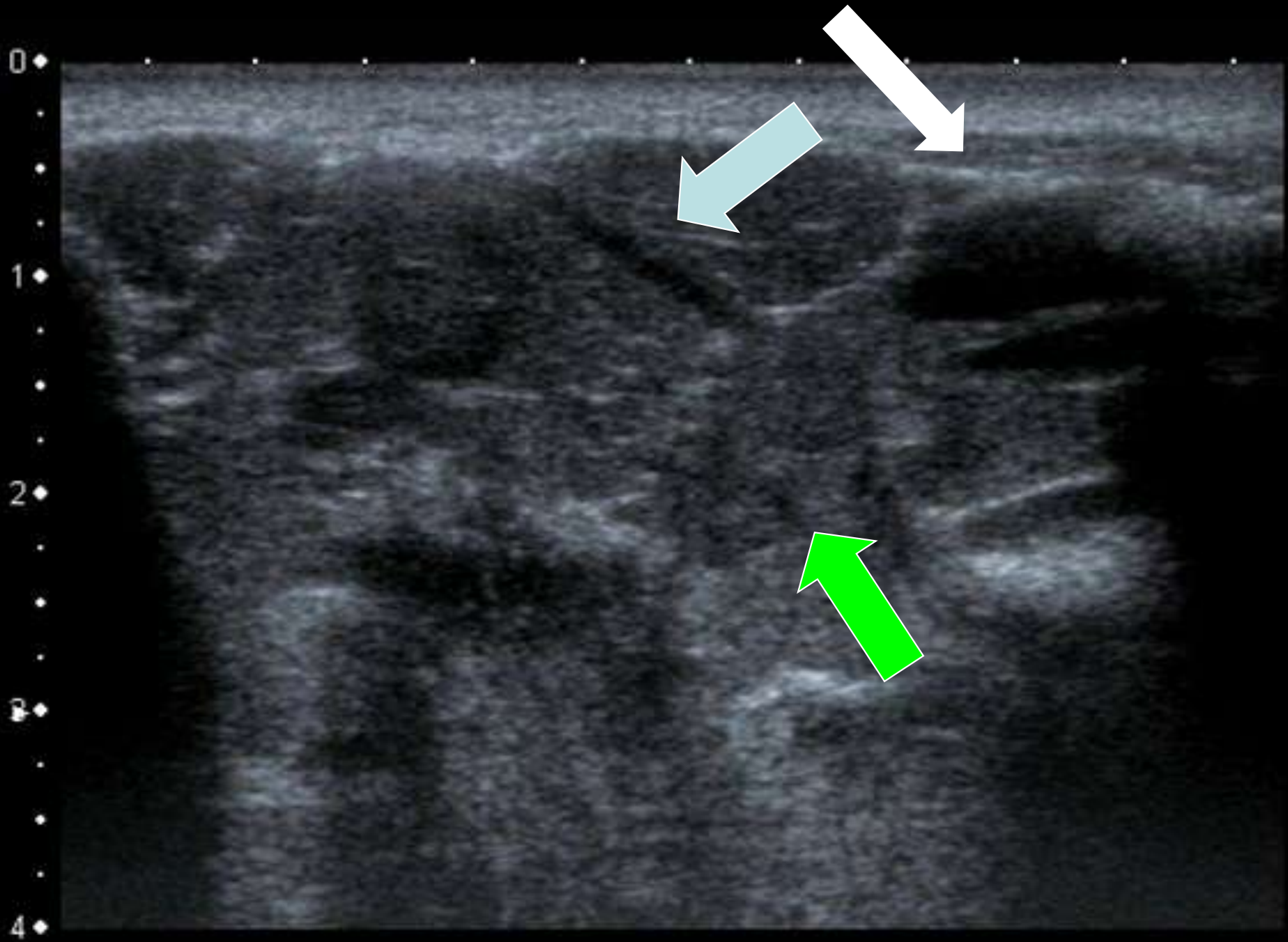
A 4 IP6

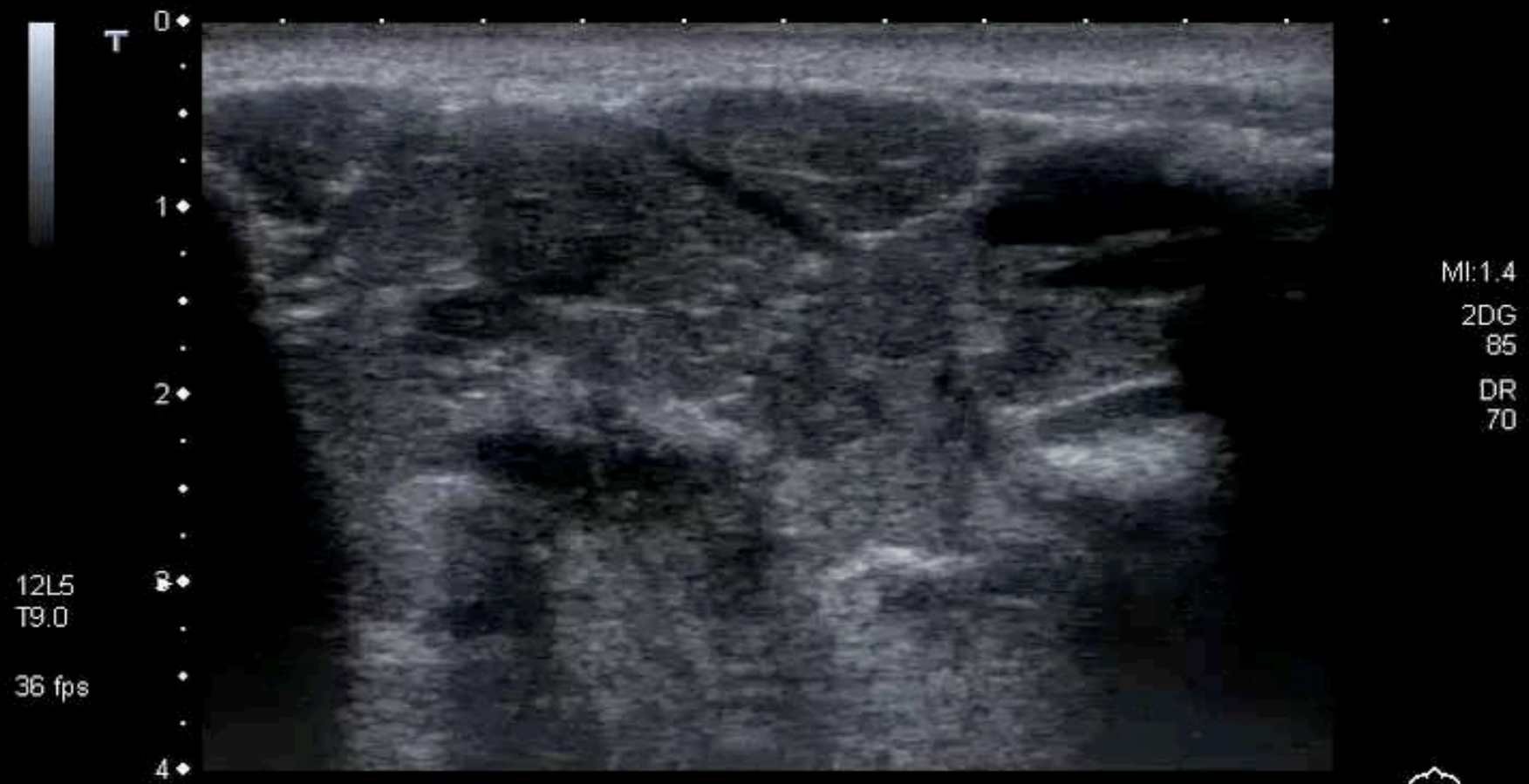
HDD: 49% Free



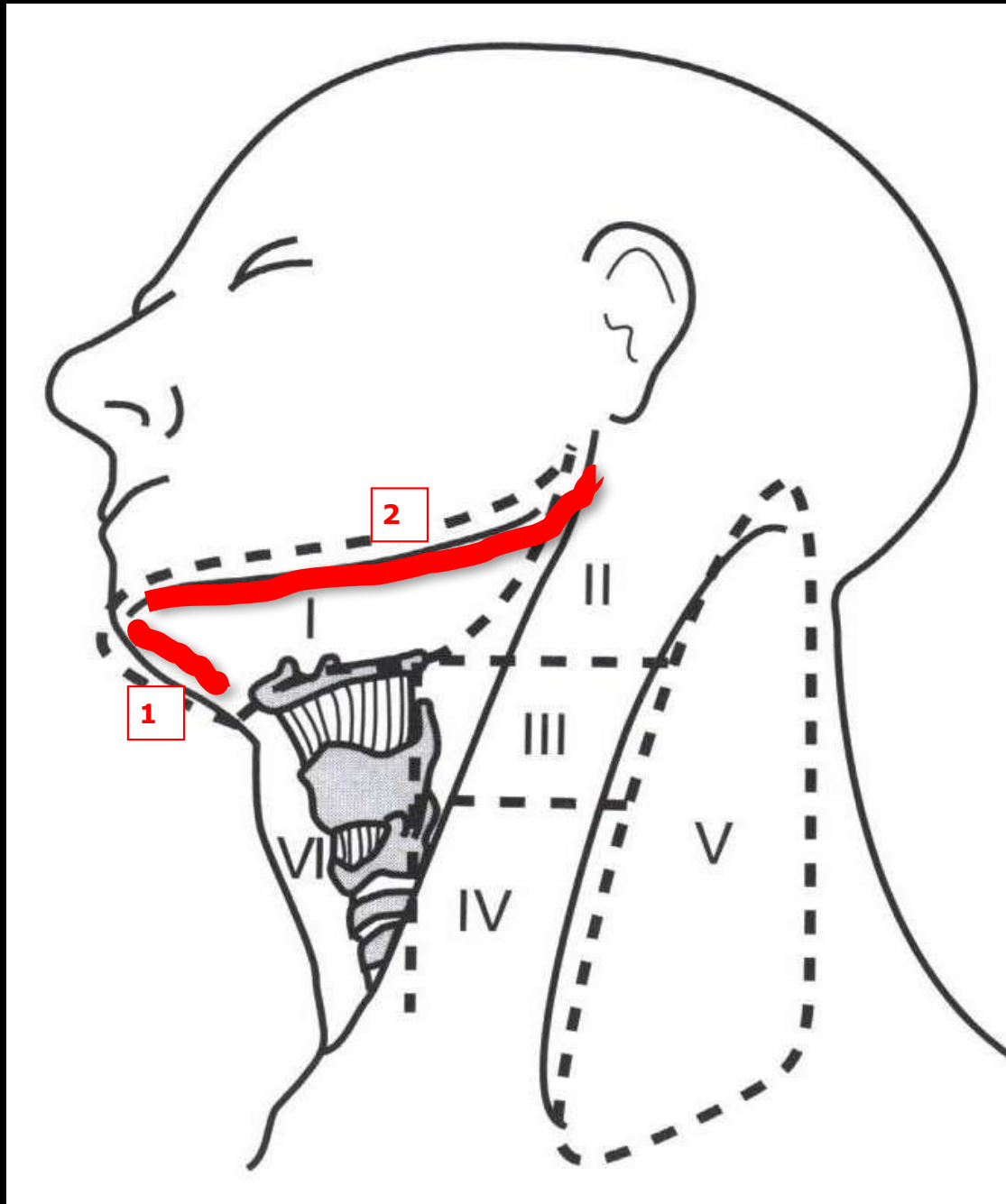








Sweep 2: submandibular



- Chin to angle of mandible
- Follow mylohyoid

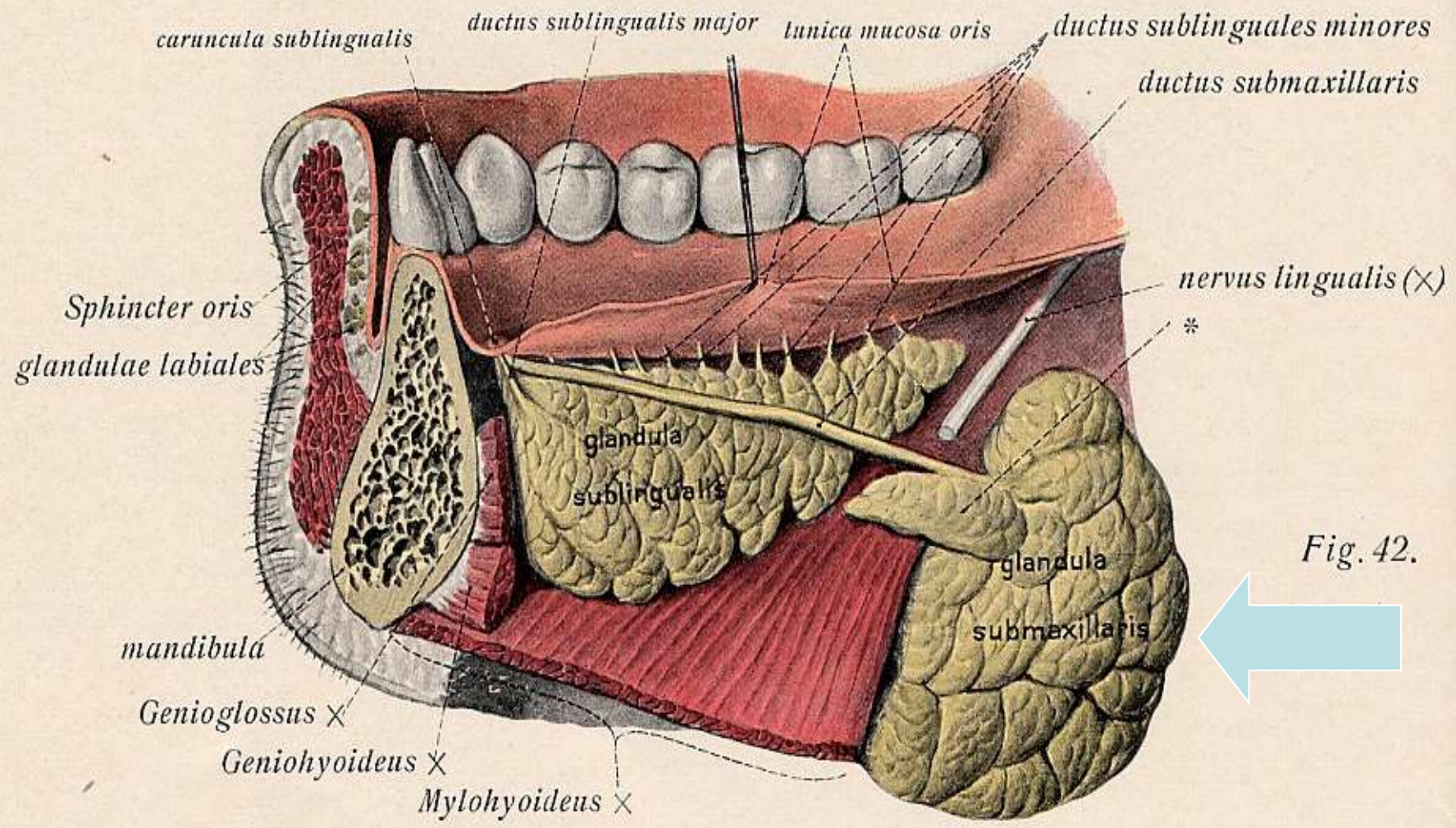
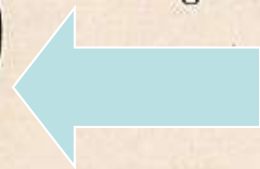


Fig. 42.



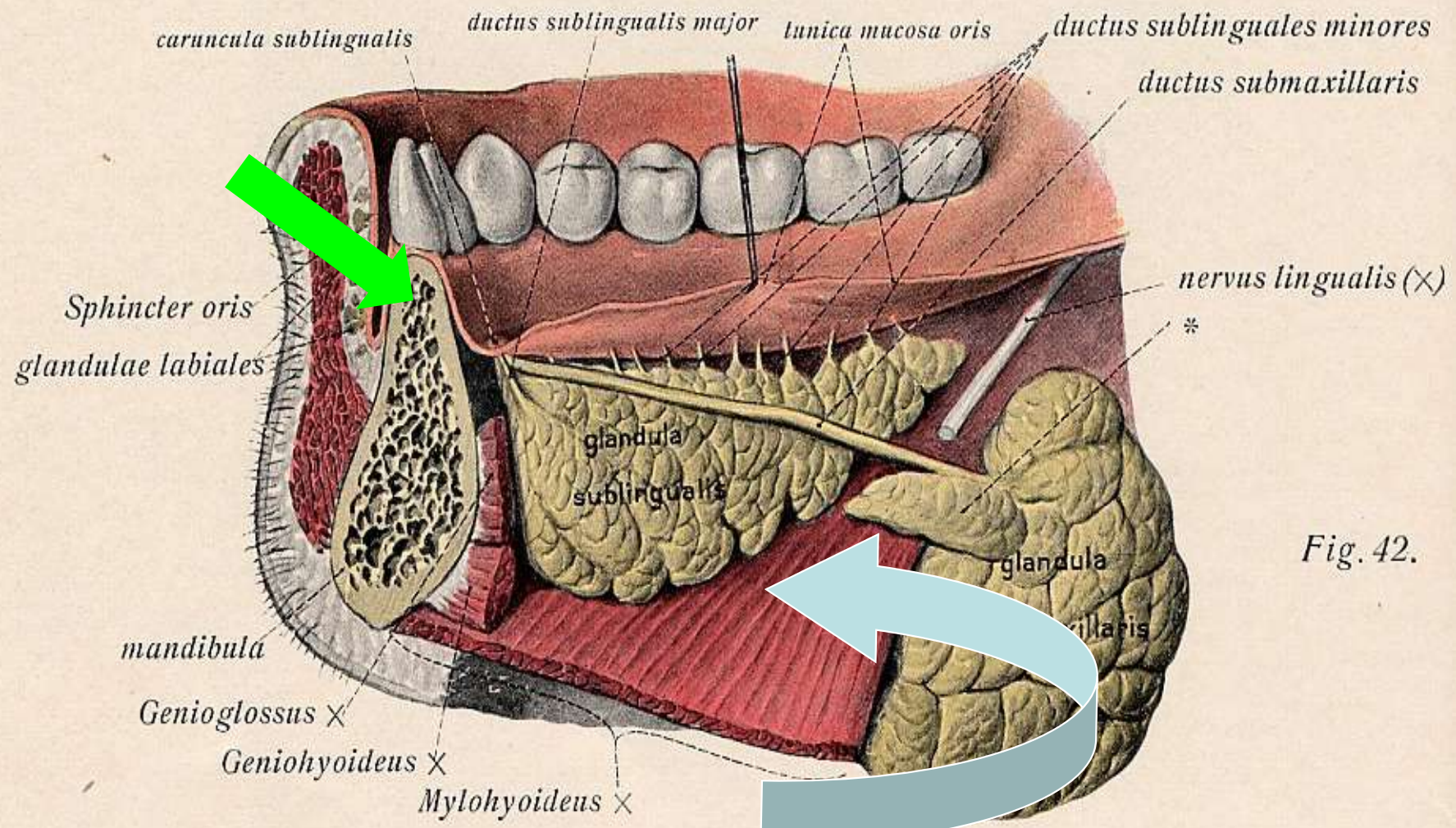
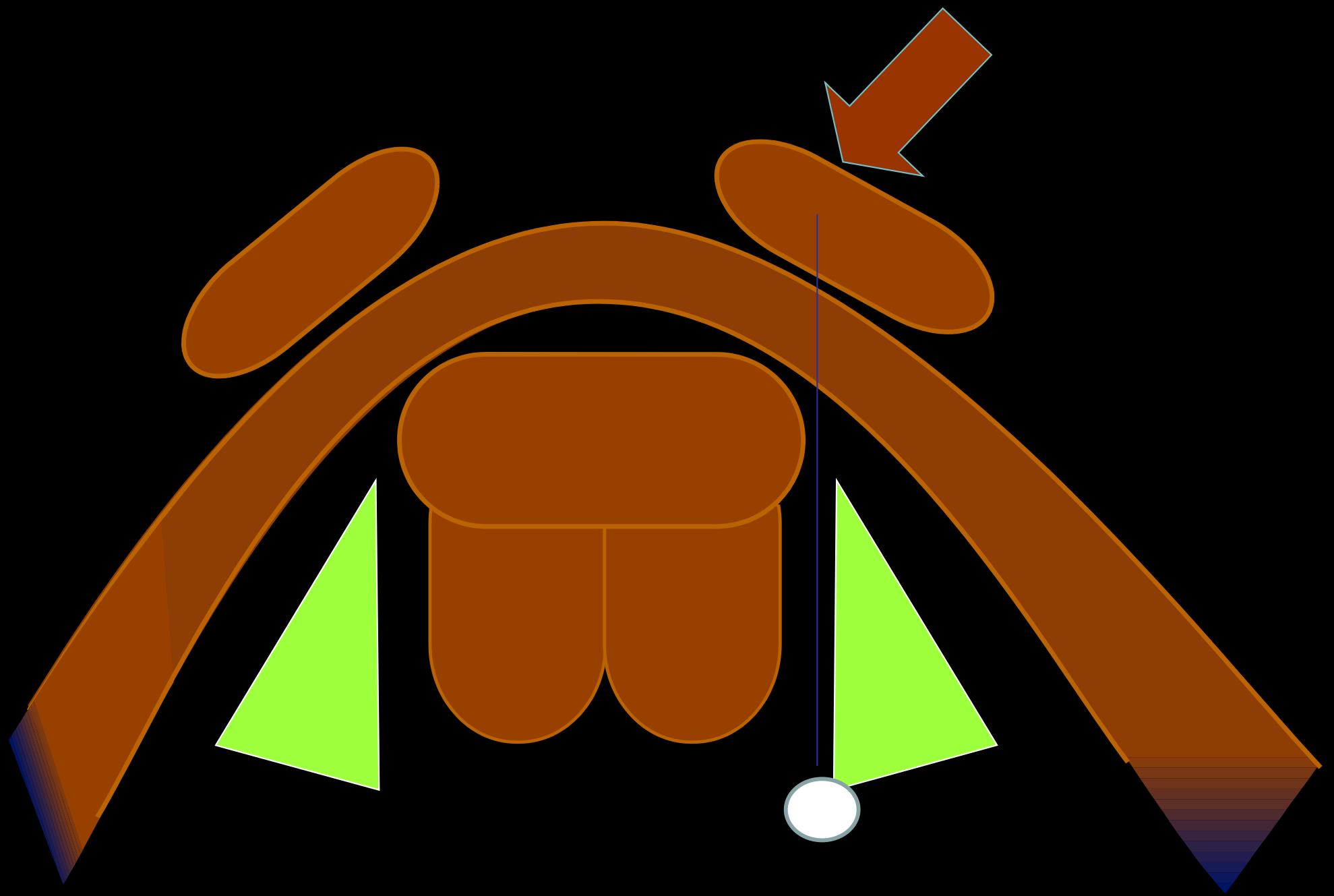


Fig. 42.



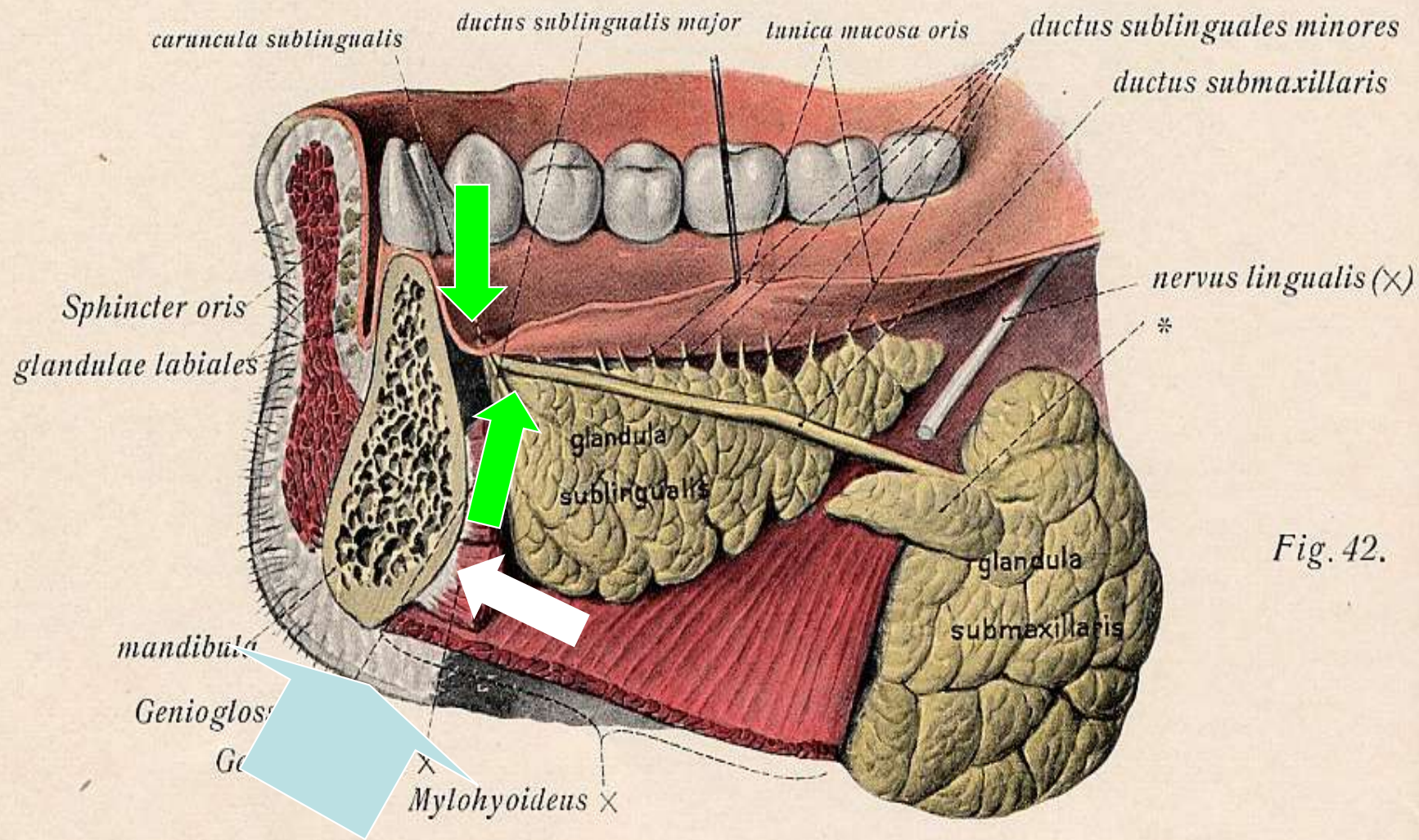
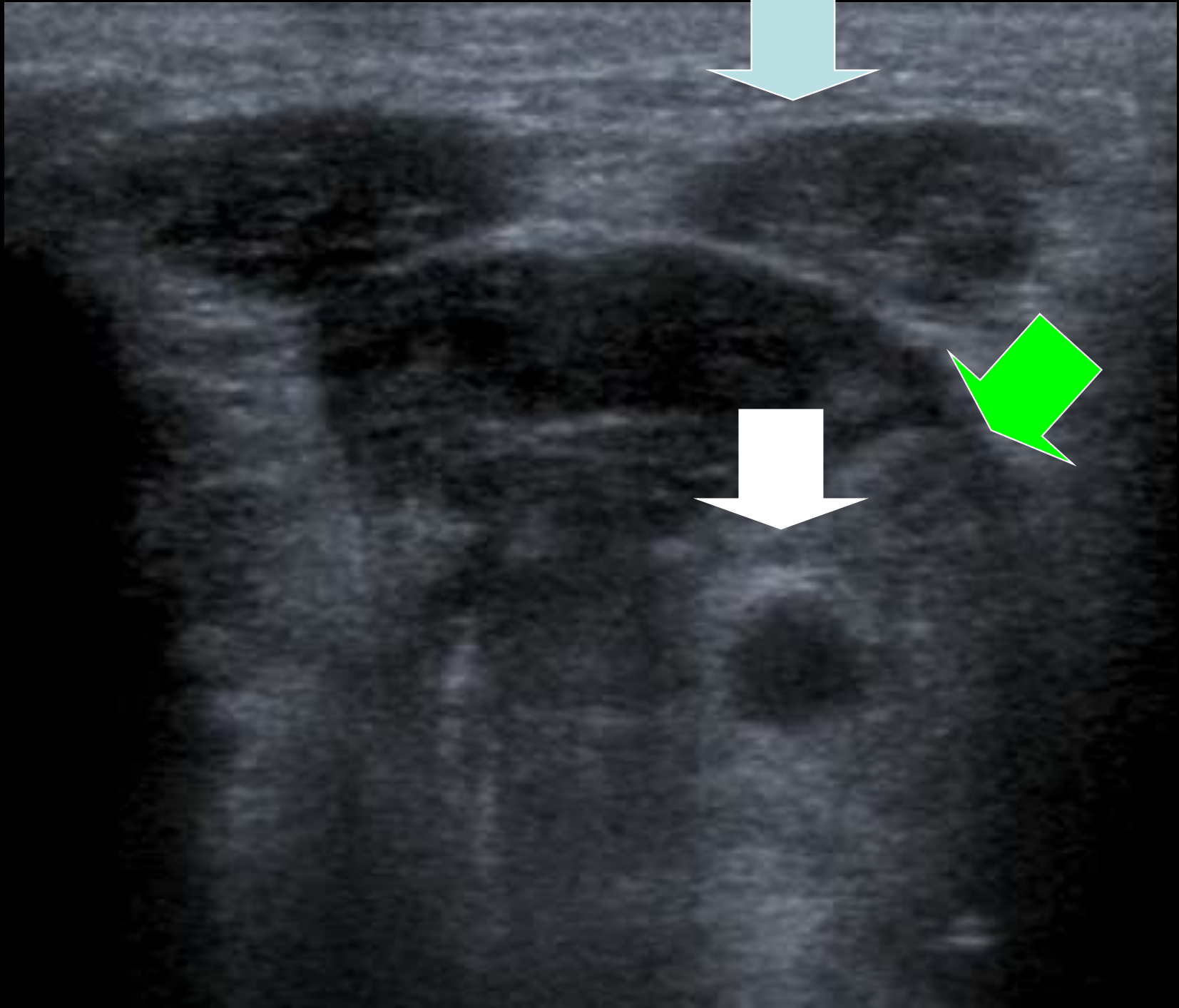


Fig. 42.



APure



0 ♦ T

2 ♦

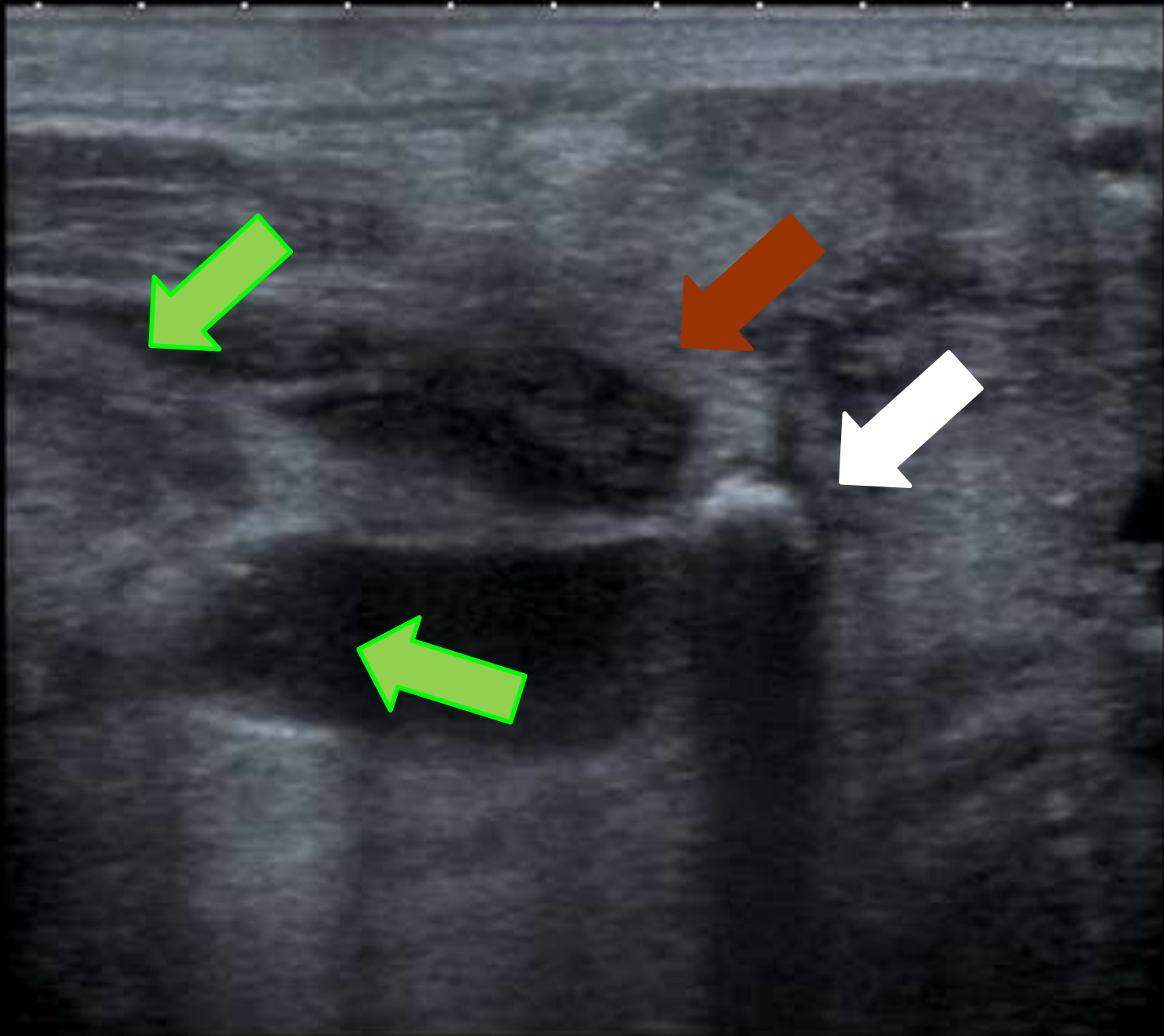
4 ♦



MI:1.6
2DG
97
DR
70

12L5
T9.0
18 fps





APure



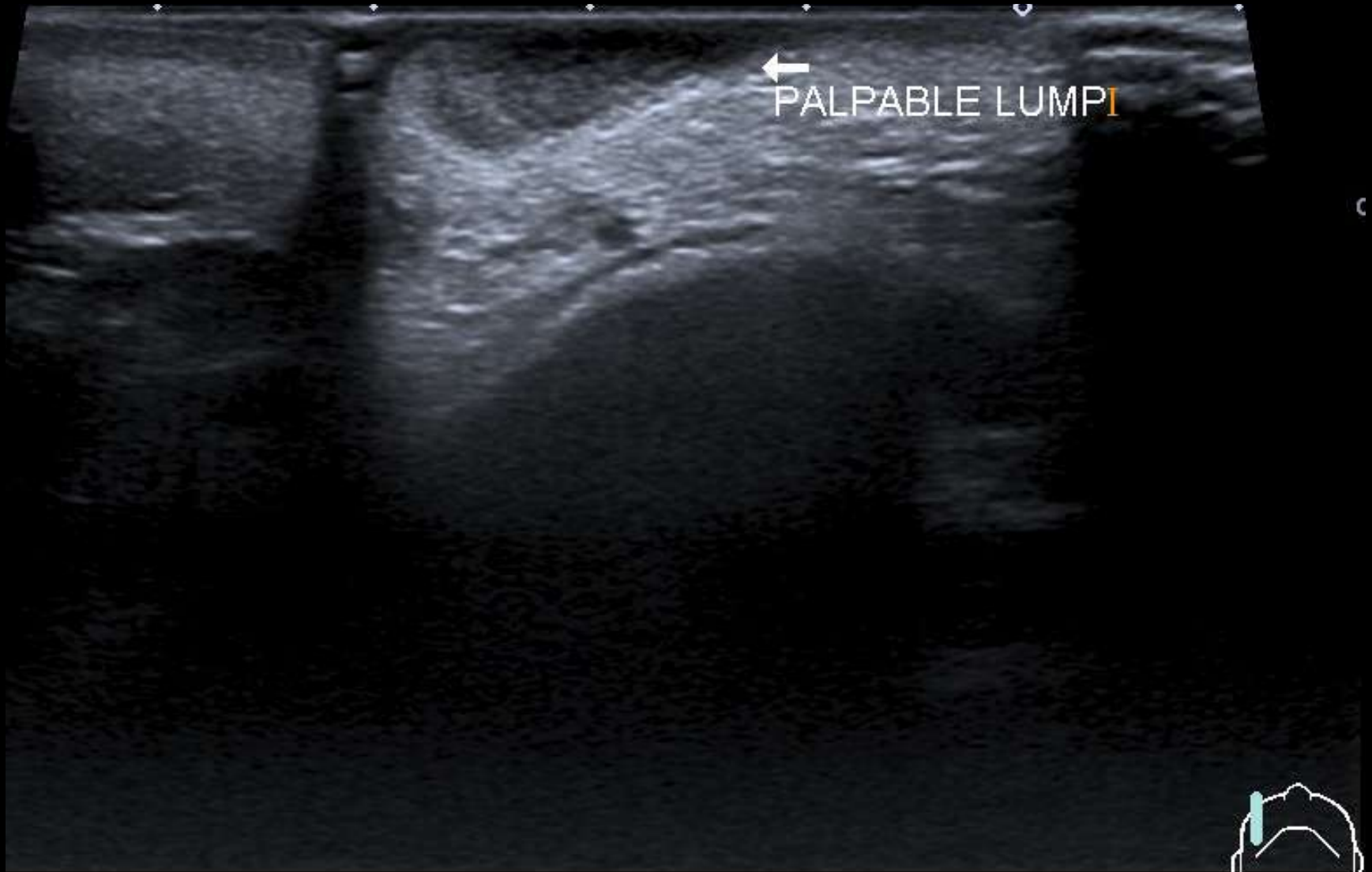
0 ♦ T
.
.
.
2 ♦
.
▶ ♦
.
4 ♦
.
.



MI:1.6
2DG
97
DR
70

12L5
T9.0
18 fps





← PALPABLE LUMP





T

d

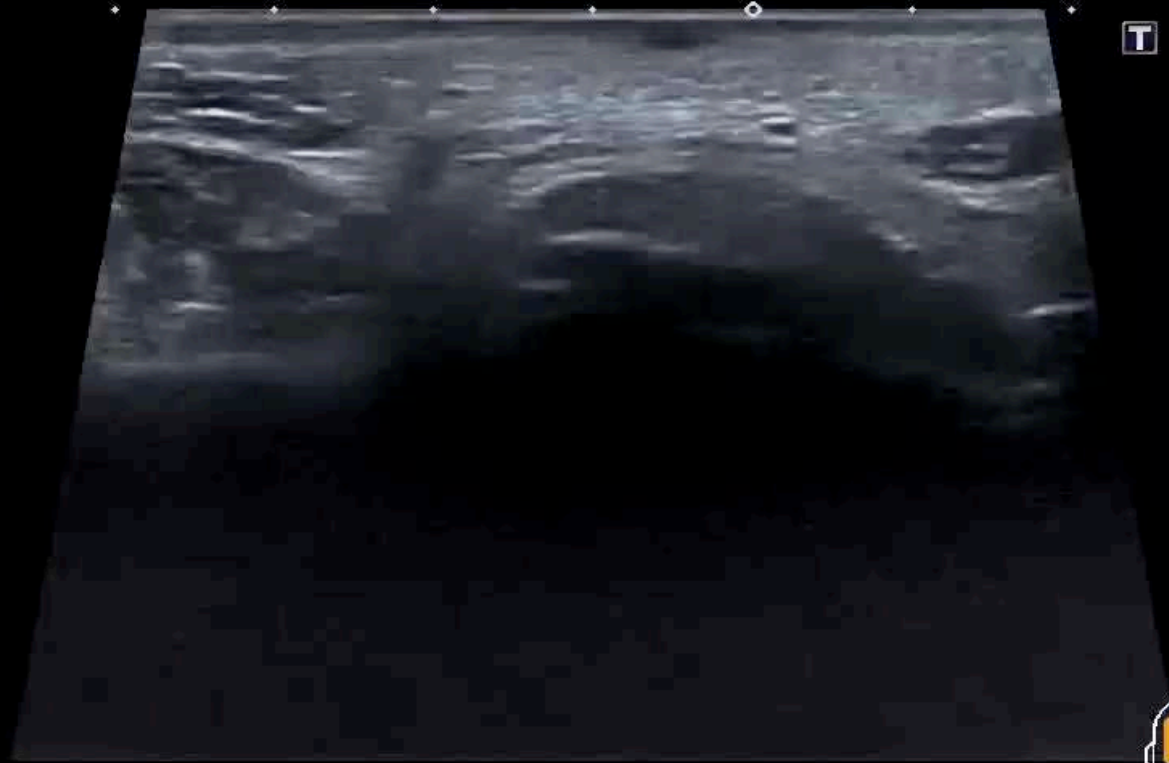


Thyroid 2

Precision APure+



- 0
- 1
- 2
- 3
- 4
- 5



12L5
diffT9.0
30 fps
Qscan
G:95
DR:75



TOSHIBA
Aplio 500

1667305:EVANS DEAN
SINGLETON HOSPITAL

M 22

3.12.2015

Thyroid 2

Precision A Pure+

T



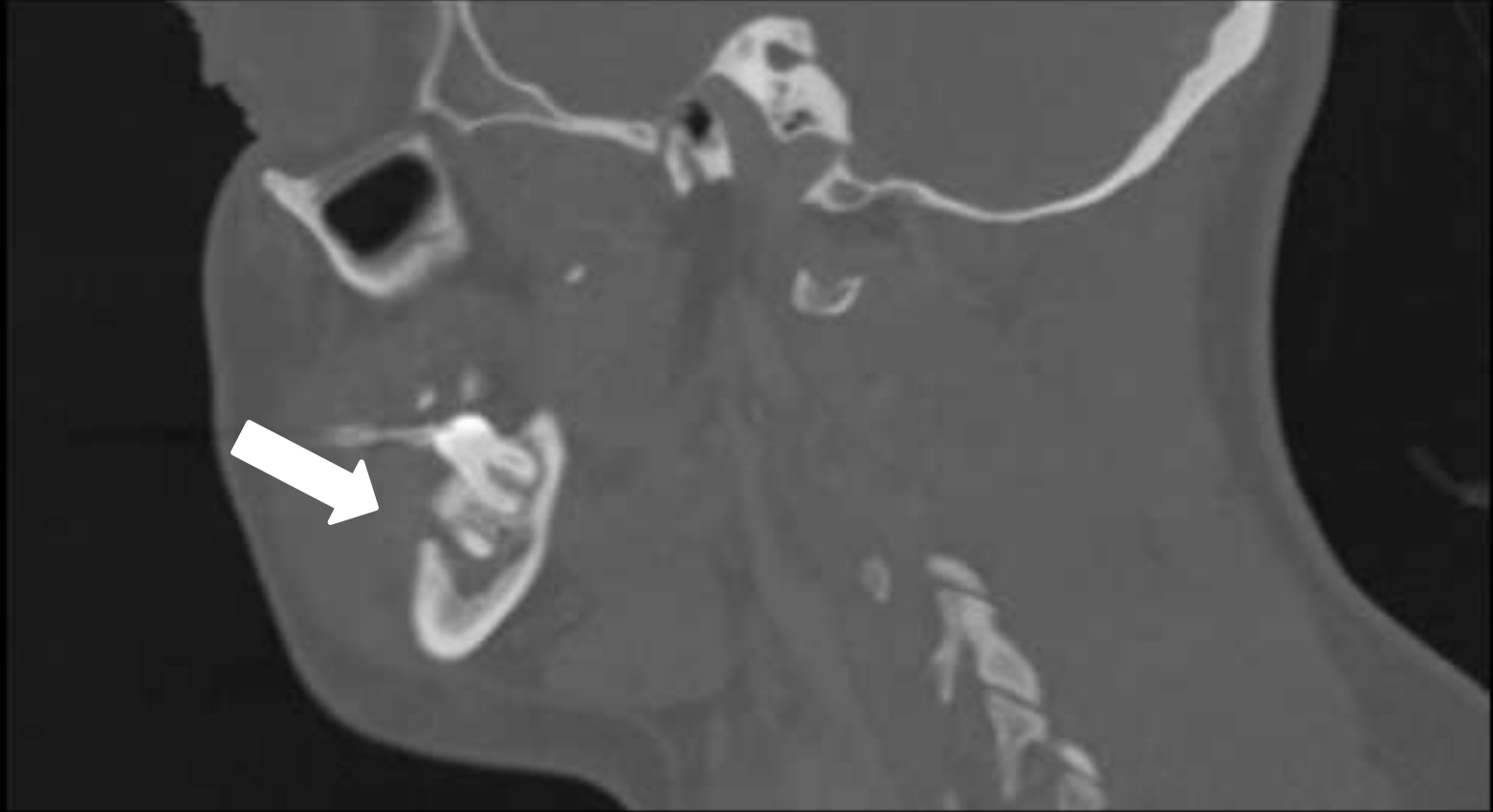
12L5
diffT9.0
30 fps
Qscan
G:95
DR:75



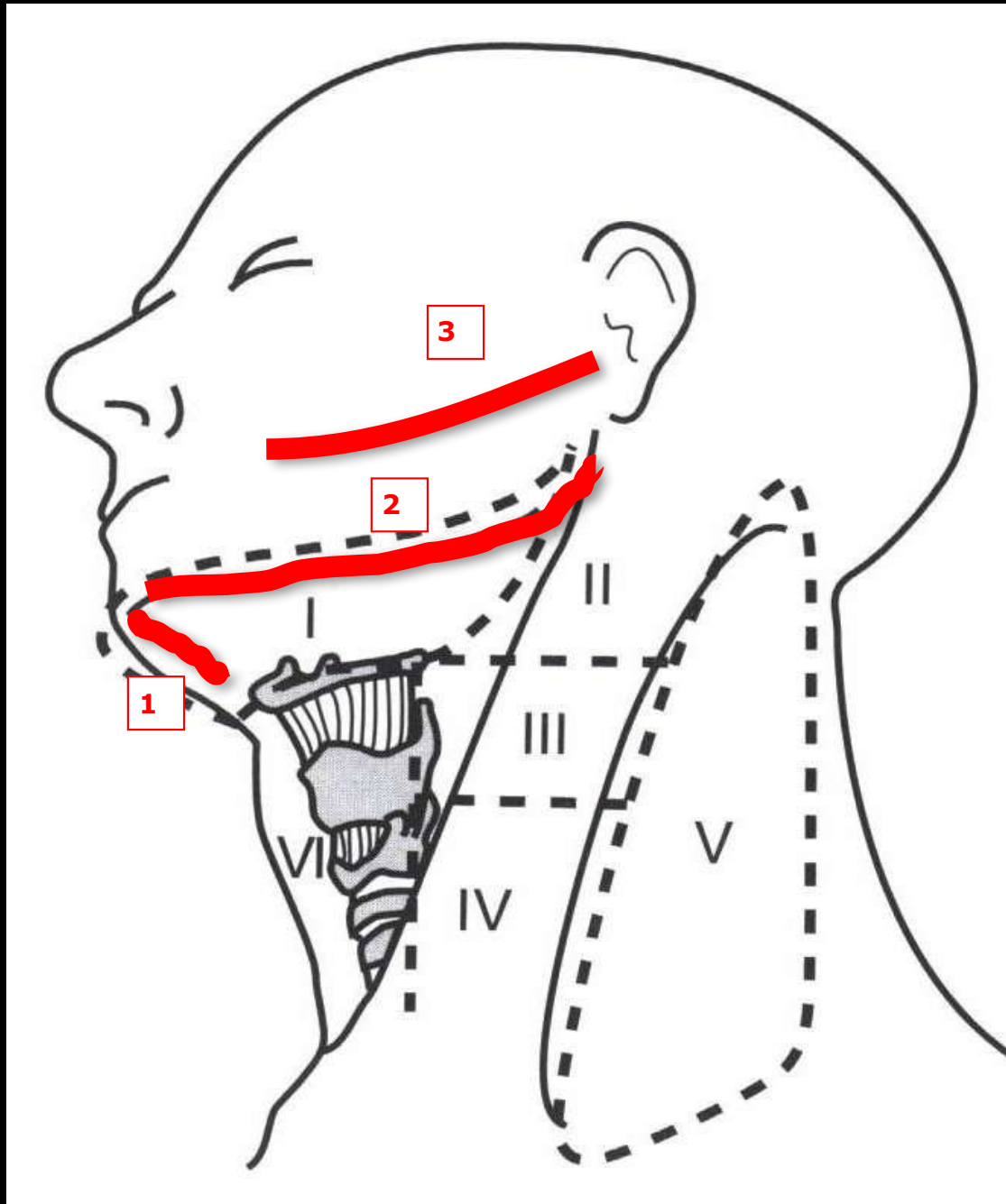
169







Sweep 3: parotid & buccal



- EAM to angle of mouth
- Follow parotid duct



d



TOSHIBA

135908:MOSS TINA B

F 57

3.12.2015

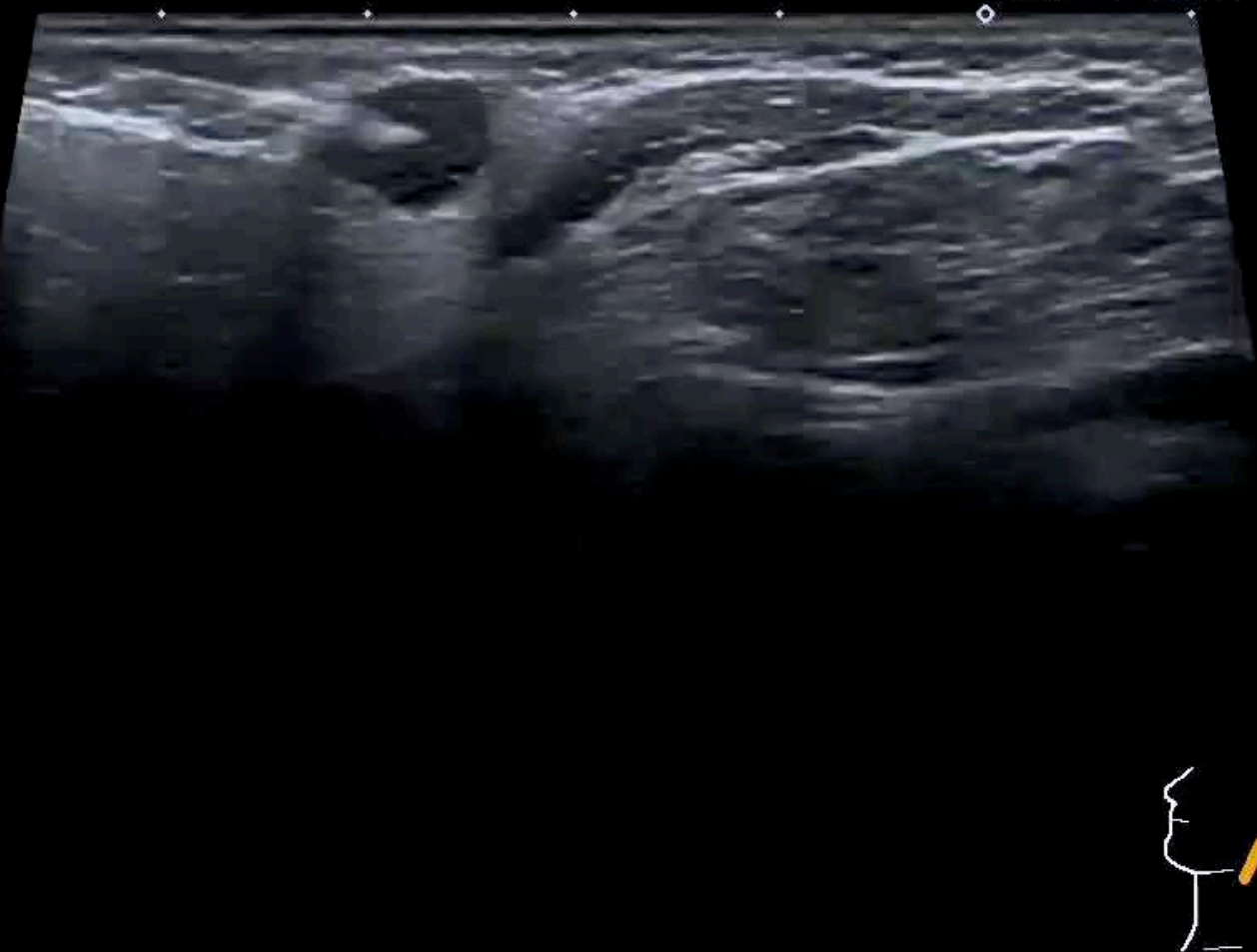
Aplio 500

SINGLETON HOSPITAL

Thyroid 2

Precision APure+ T

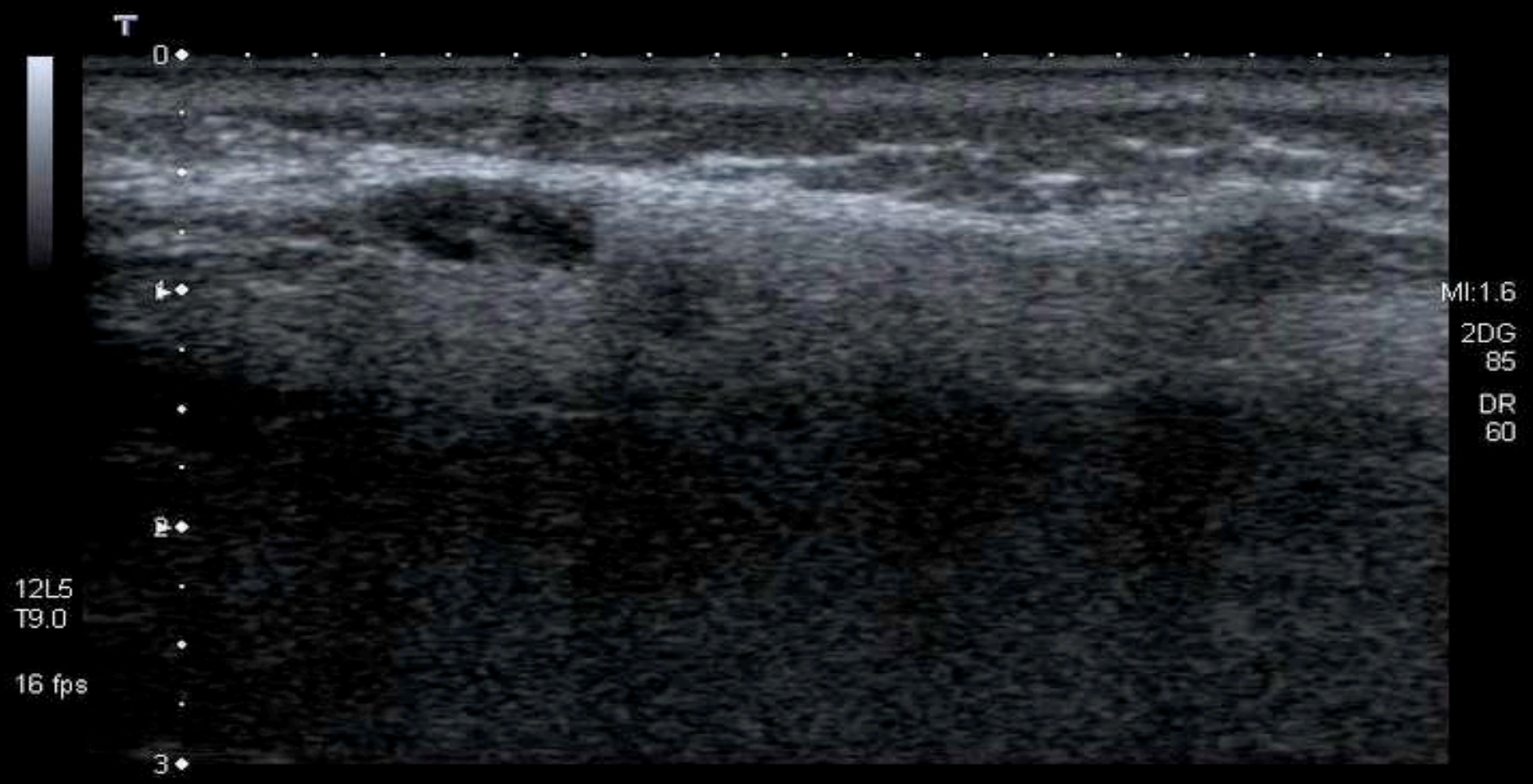
- ◊ 0
- +
- ◊ 1
- +
- ◊ 2
- +
- ◊ 3
- +
- ◊ 4

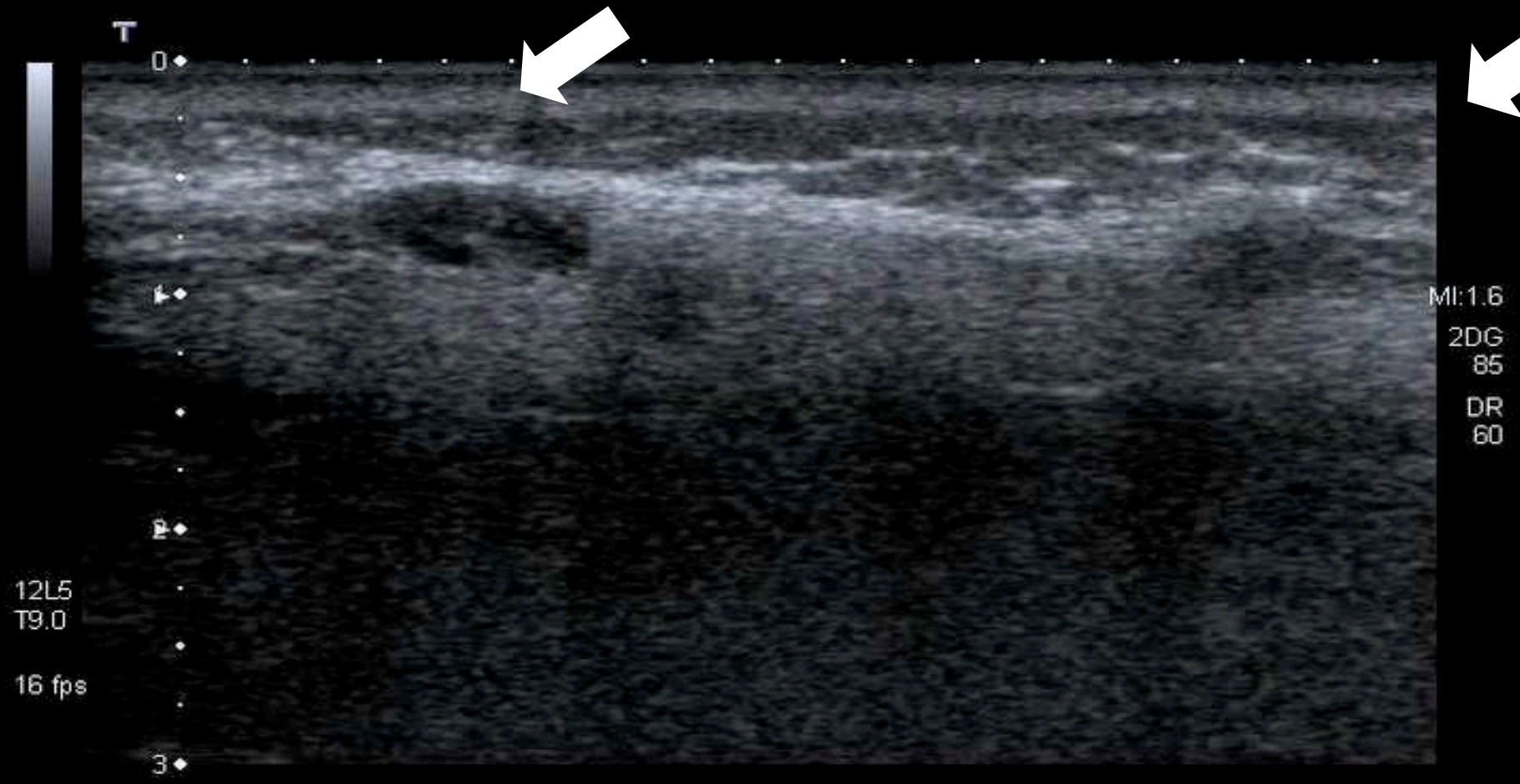


12L5
diffT9.0
35 fps
G:75
DR:75



482



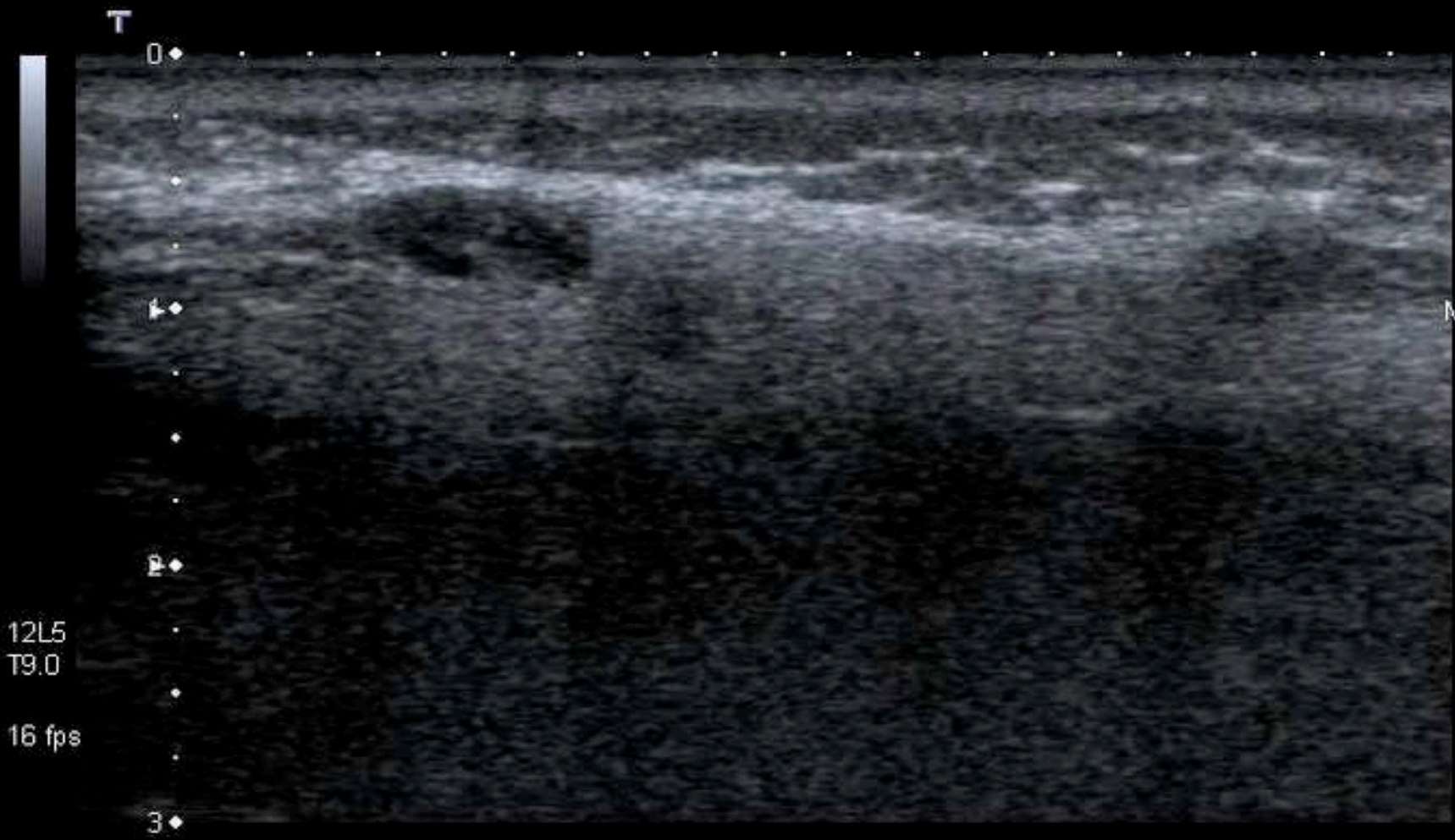


TOSHIBA

T876529:LINDA OBRIEN RME O
SINGLETON HOSPITAL - ... -

Thyroid

26/08/2005
10:23:21 AM



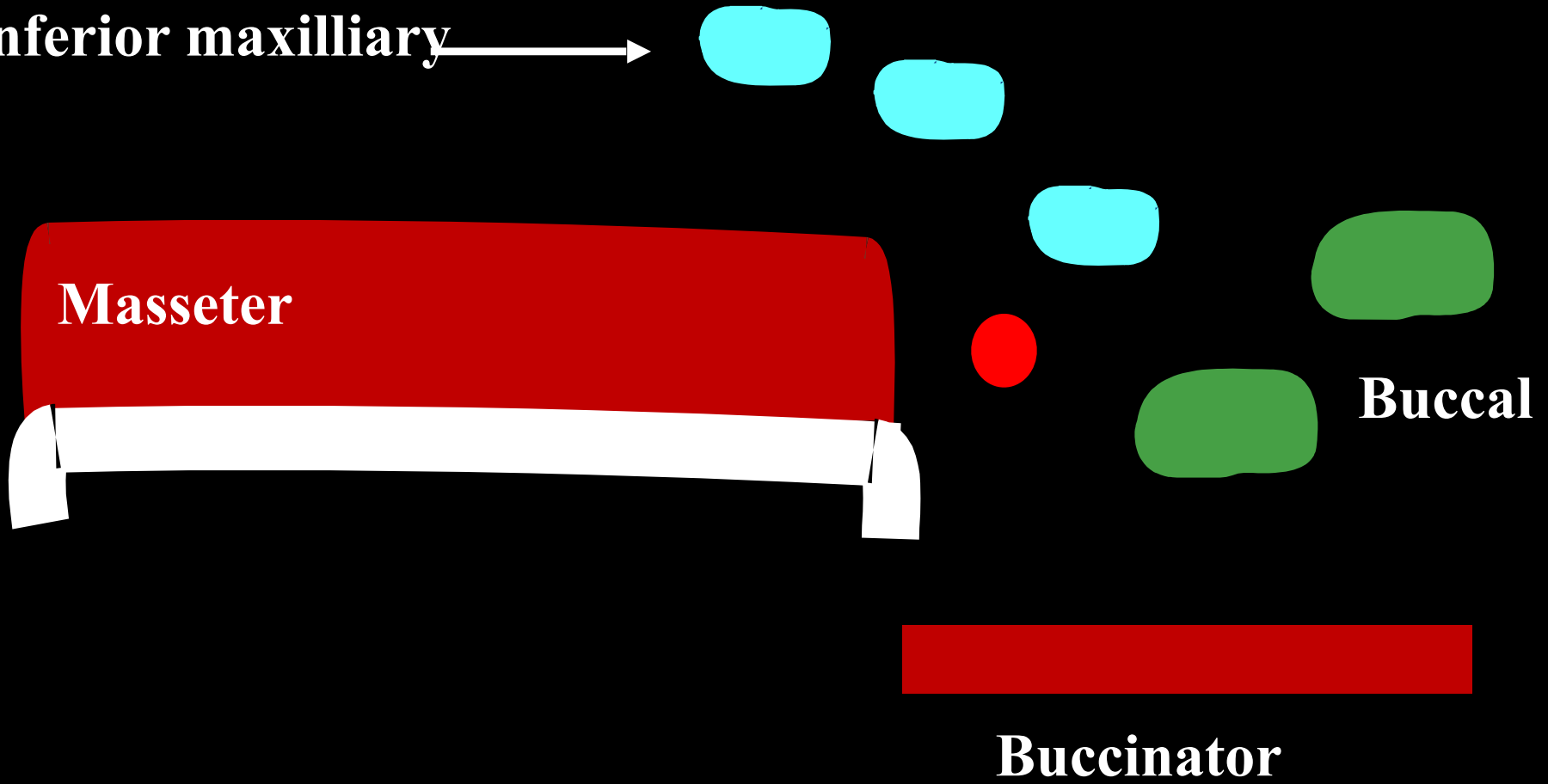
MI: 1.6
2DG
85
DR
60

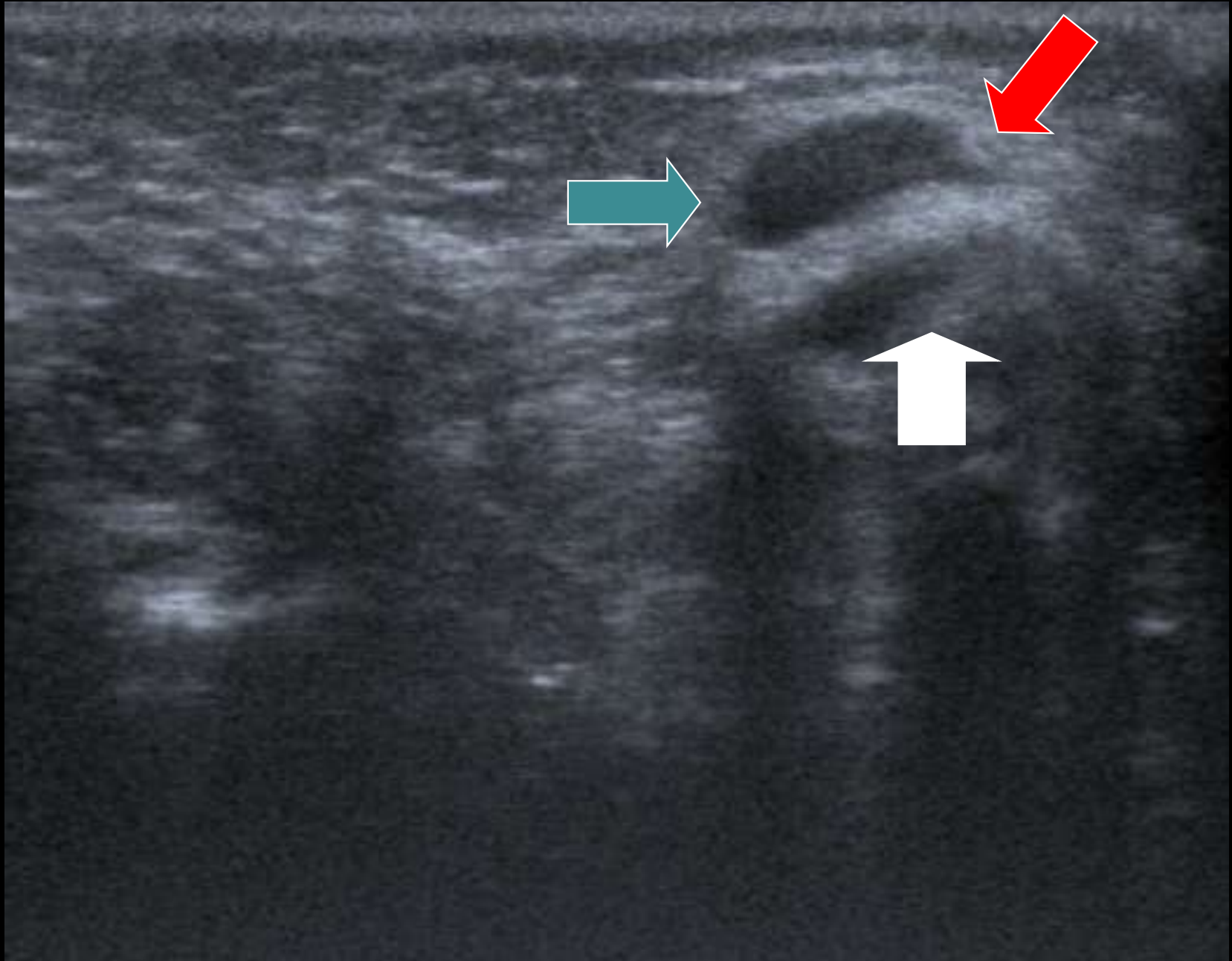
12L5
T9.0
16 fps

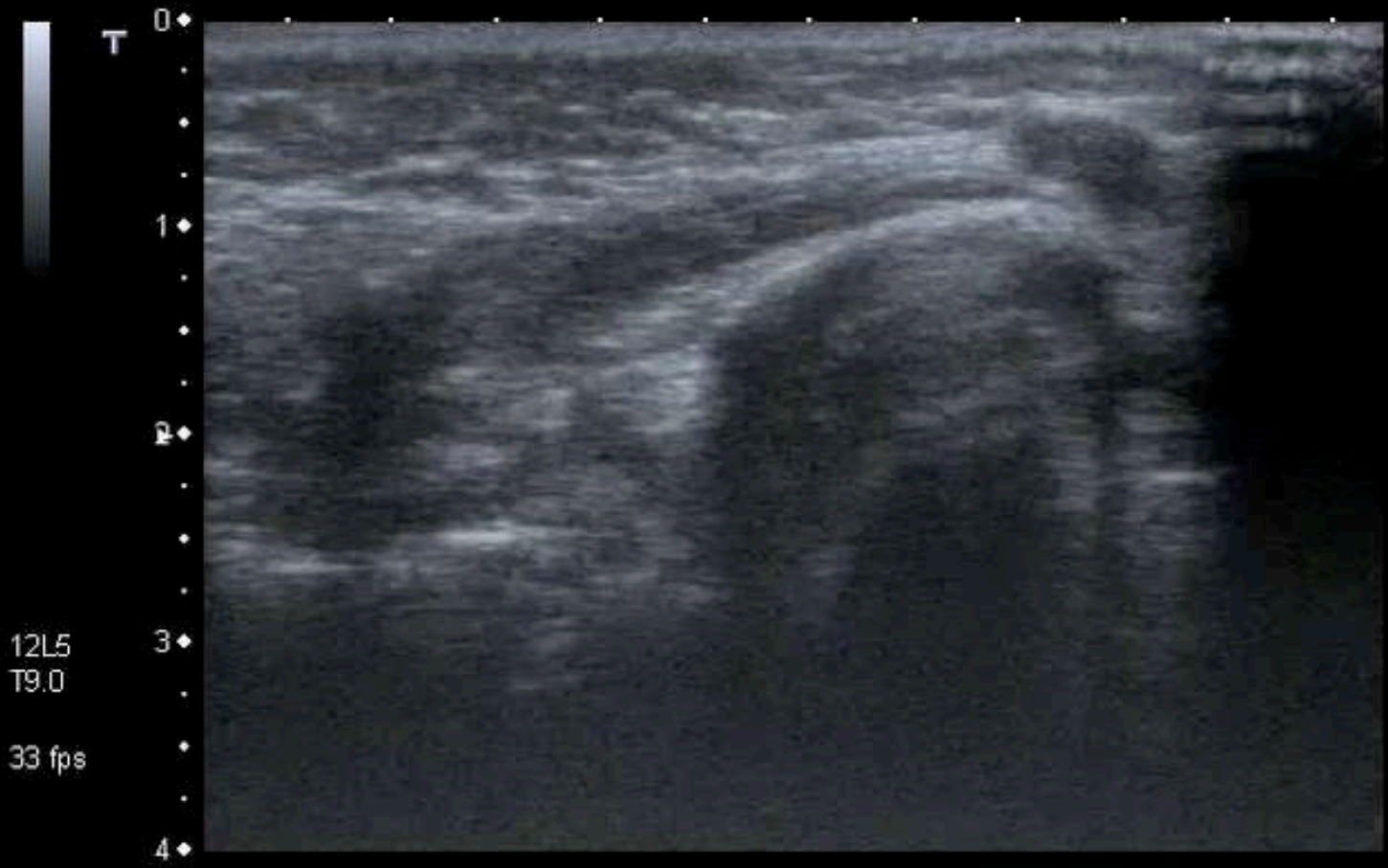


Facial/Buccal

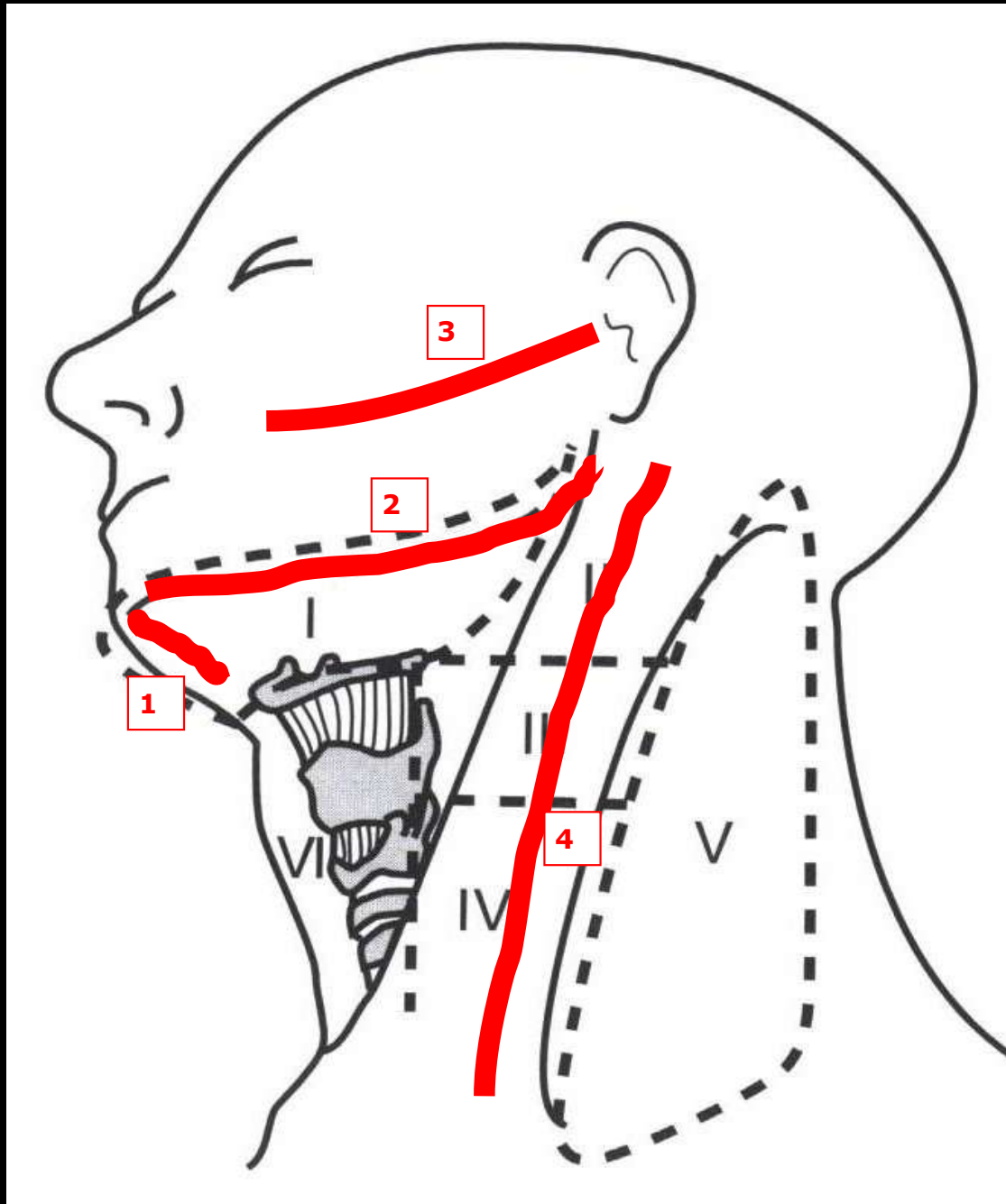
Inferior maxillary →







Sweep 4: deep cervical chain



- Angle of jaw to scj
- Follow IJV

T
0 ◆
.
.
.
4 ◆
.
.
2 ◆
.
.
3 ◆
.
.
33 fps
.
.
4 ◆



MI:0.5
2DG
81
DR
60



12L5
T9.0
16 fps

MI:1.6
2DG
81
DR
60

T
0 ◆
1 ◆
2 ◆
3 ◆
4 ◆

12L5
12.0

33 fps



MI:0.5
2DG
81
DR
60



Rules .

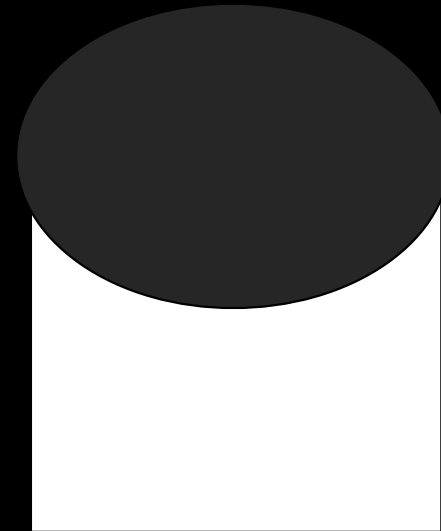
- Solids can look cystic.
- Cysts look solid.

Rules .

- Cysts don't usually look like cysts.
- Cysts will invariably look solid.
- If a mass looks cystic, it probably won't be a cyst.
- Solids can look cystic

Pseudo-cystic?

- Lymphoma.
- Pleomorphic adenoma.
- Nerve sheath tumour.
- Parathyroid adenoma.



Deep cervical chain : omohyoid



TOSHIBA

00946633:CHRISTOPHER BLUE RME 51 M

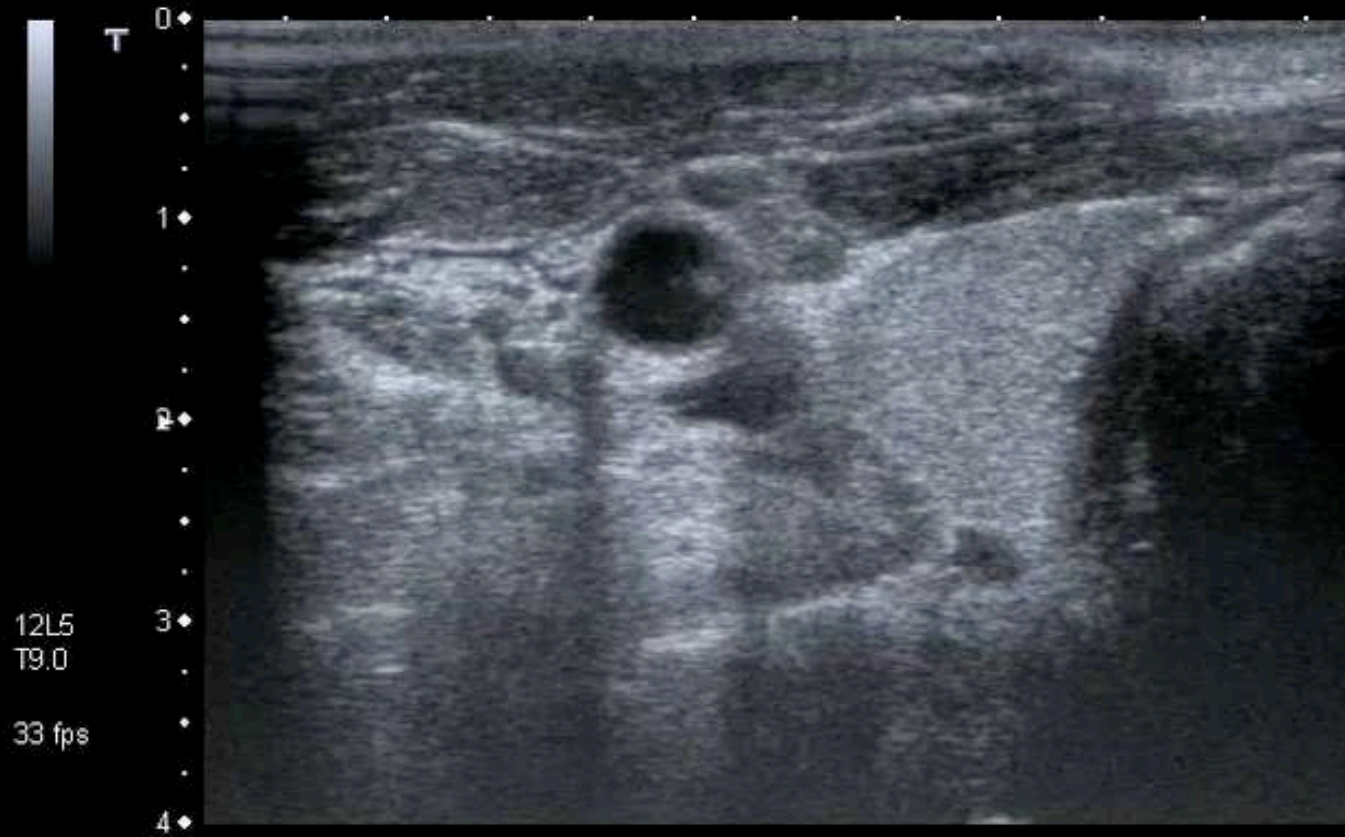
21.10.2010

TOSHIBA

- -

THYROID 1

4:17:17 PM



12L5
T9.0

33 fps

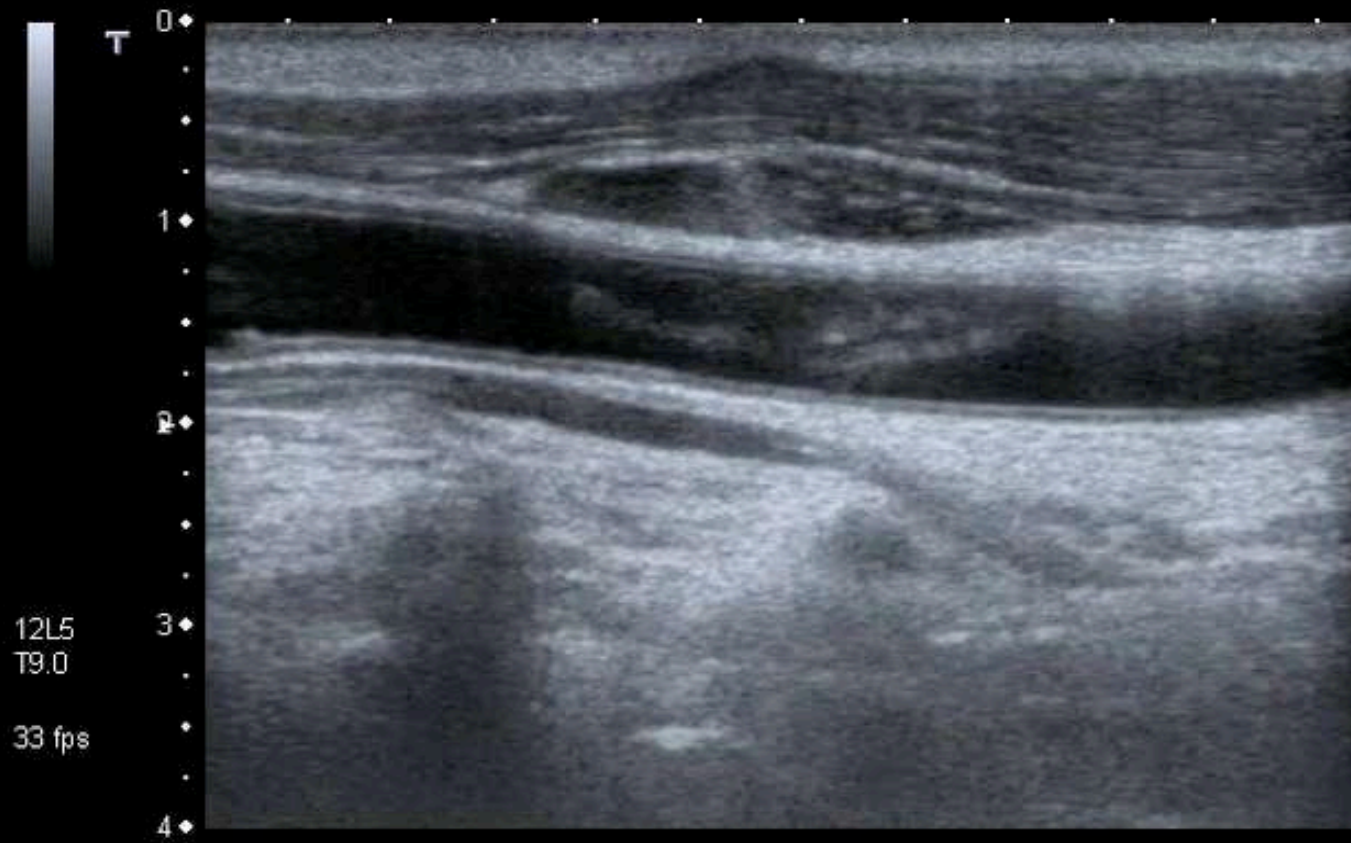
MI:1.6

2DG
85

DR
70

HDD:3% Free





12L5
T9.0
33 fps

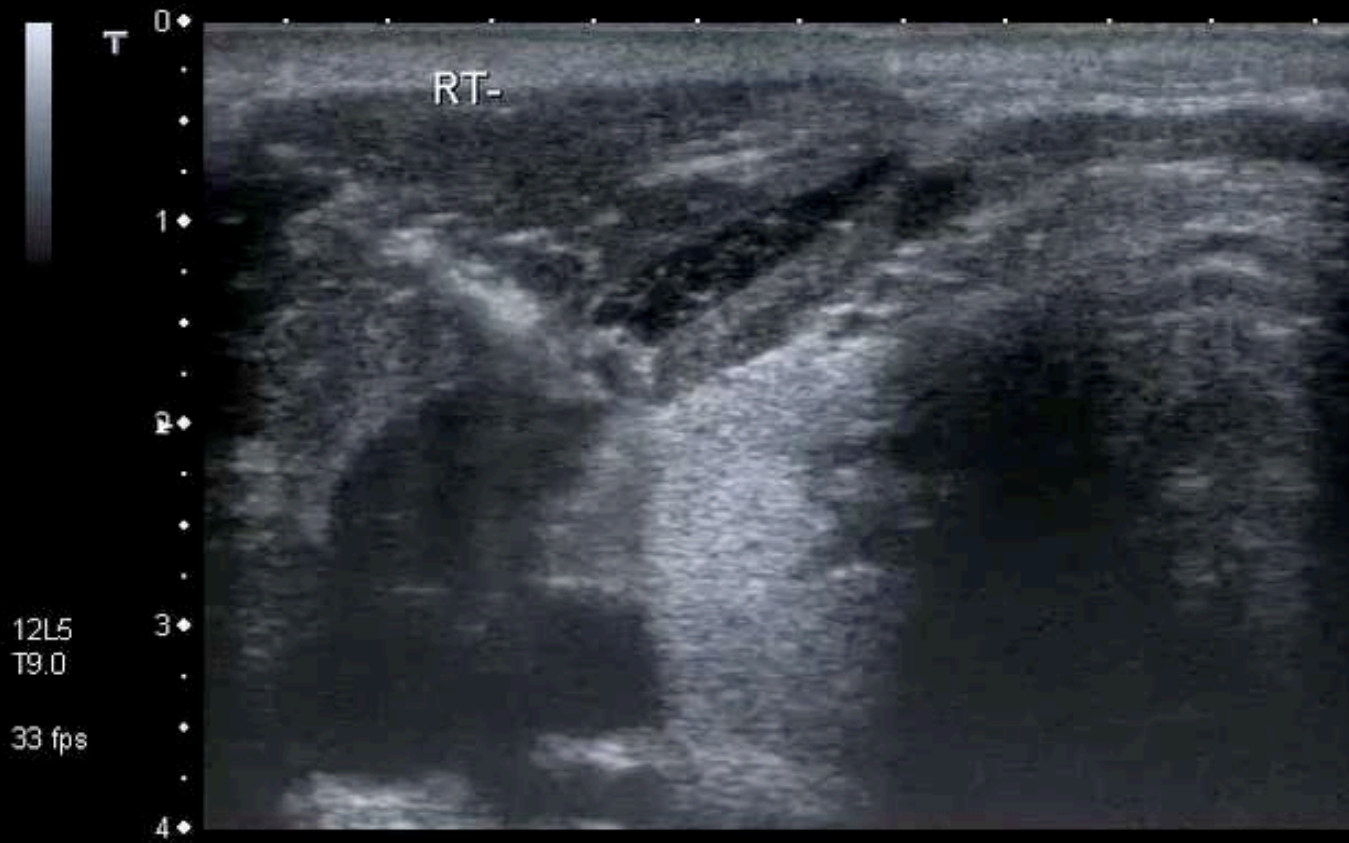
MI:1.6
2DG
85
DR
70



TOSHIBA

00946633:CHRISTOPHER BLUE RME 51 M
TOSHIBA - - THYROID 1

21.10.2010
4:29:57 PM

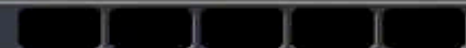


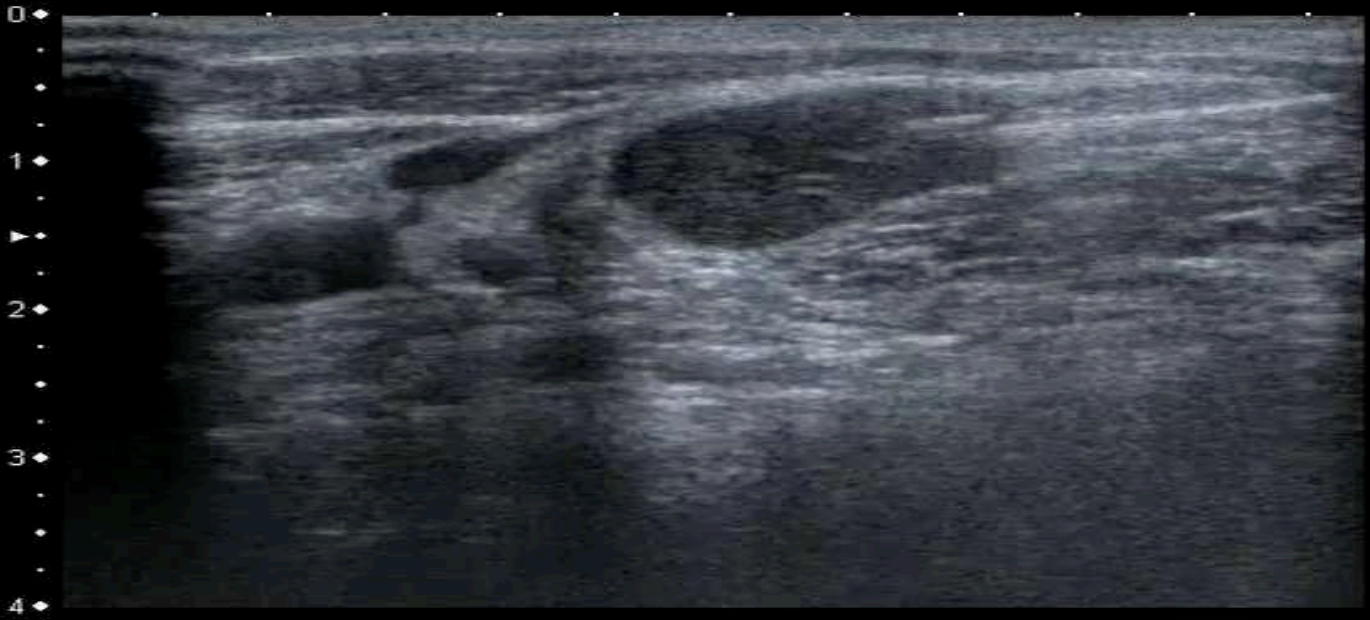
12L5
T9.0

33 fps

MI: 1.6
2DG
85
DR
70

HDD: 2% Free





0 ◆
1 ◆
2 ◆
3 ◆
4 ◆

12L5
T9.0
33 fps

MI:1.6
2DG
80
DR
70



TOSHIBA

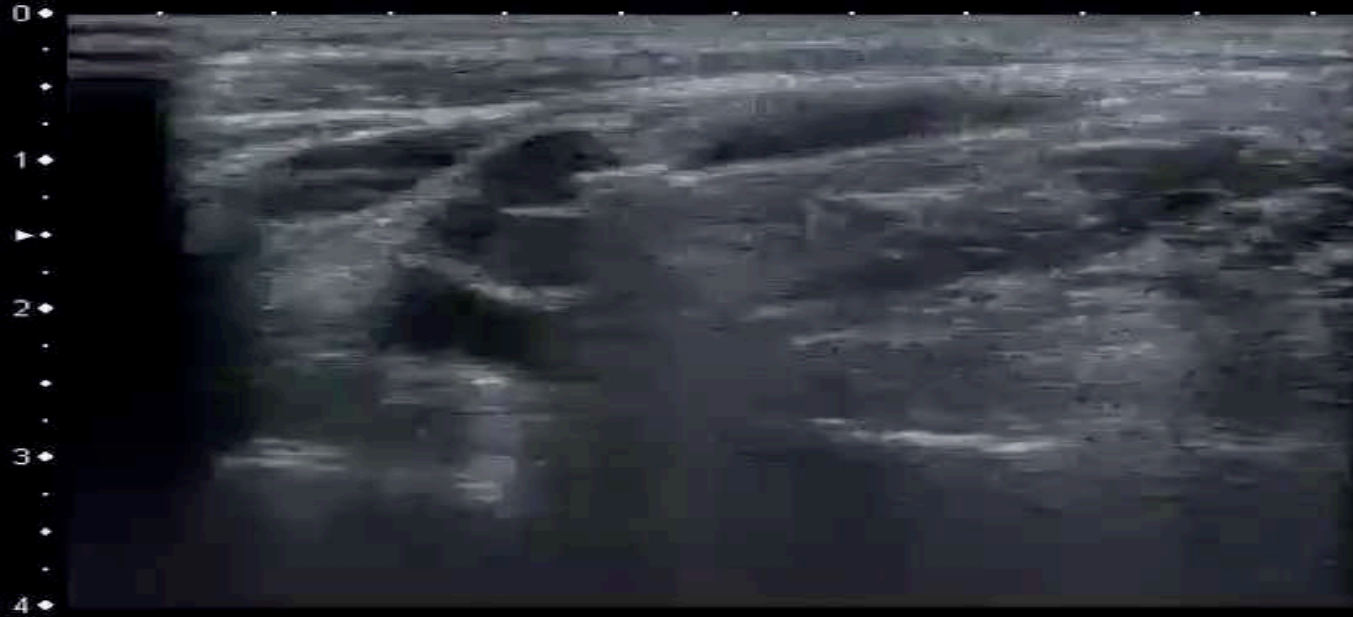
200908:MORGAN SUSAN 21 F
SINGLETON HOSPITAL - -

THYROID 1

06/09/2007
03:57:14 PM



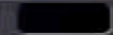
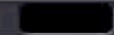
T



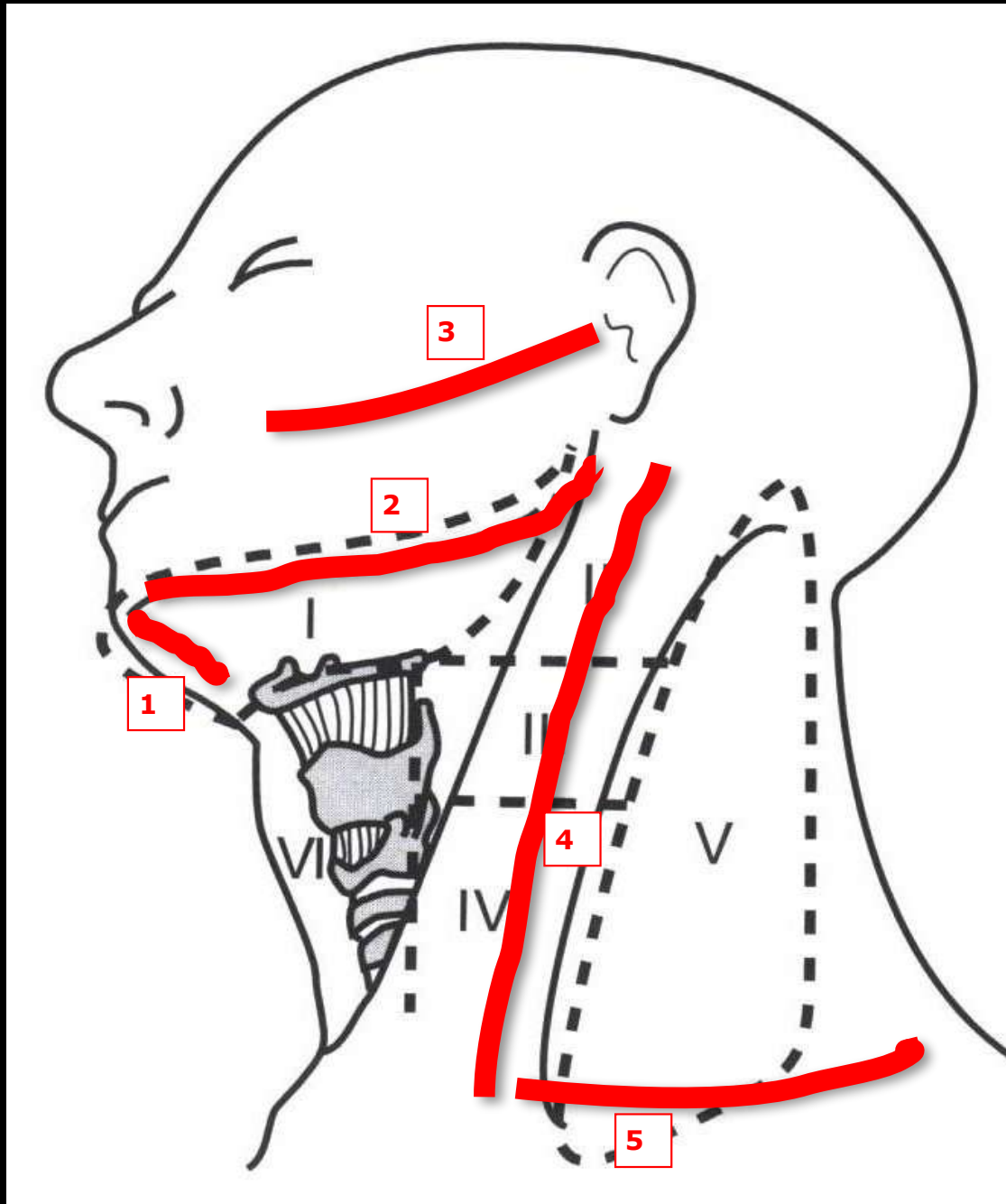
12L5
T9.0
33 fps

MI:1.6
2DG
80
DR
70

HDD:30% Free

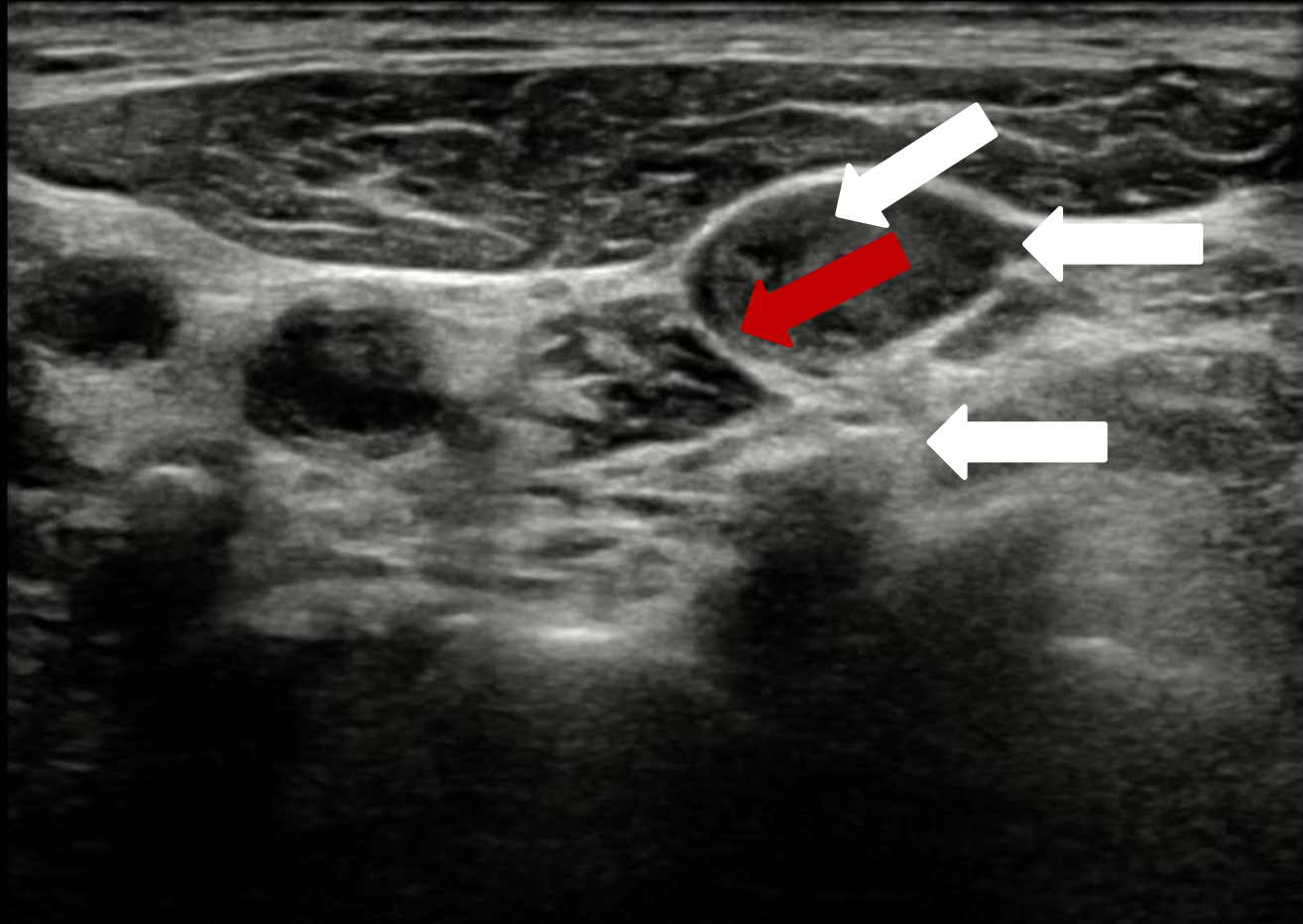


Sweep 5: supra-clavicular



- Scj to acj
- Follow clavicle
- Sternomastoid to trapezius

RS80A



RS80A

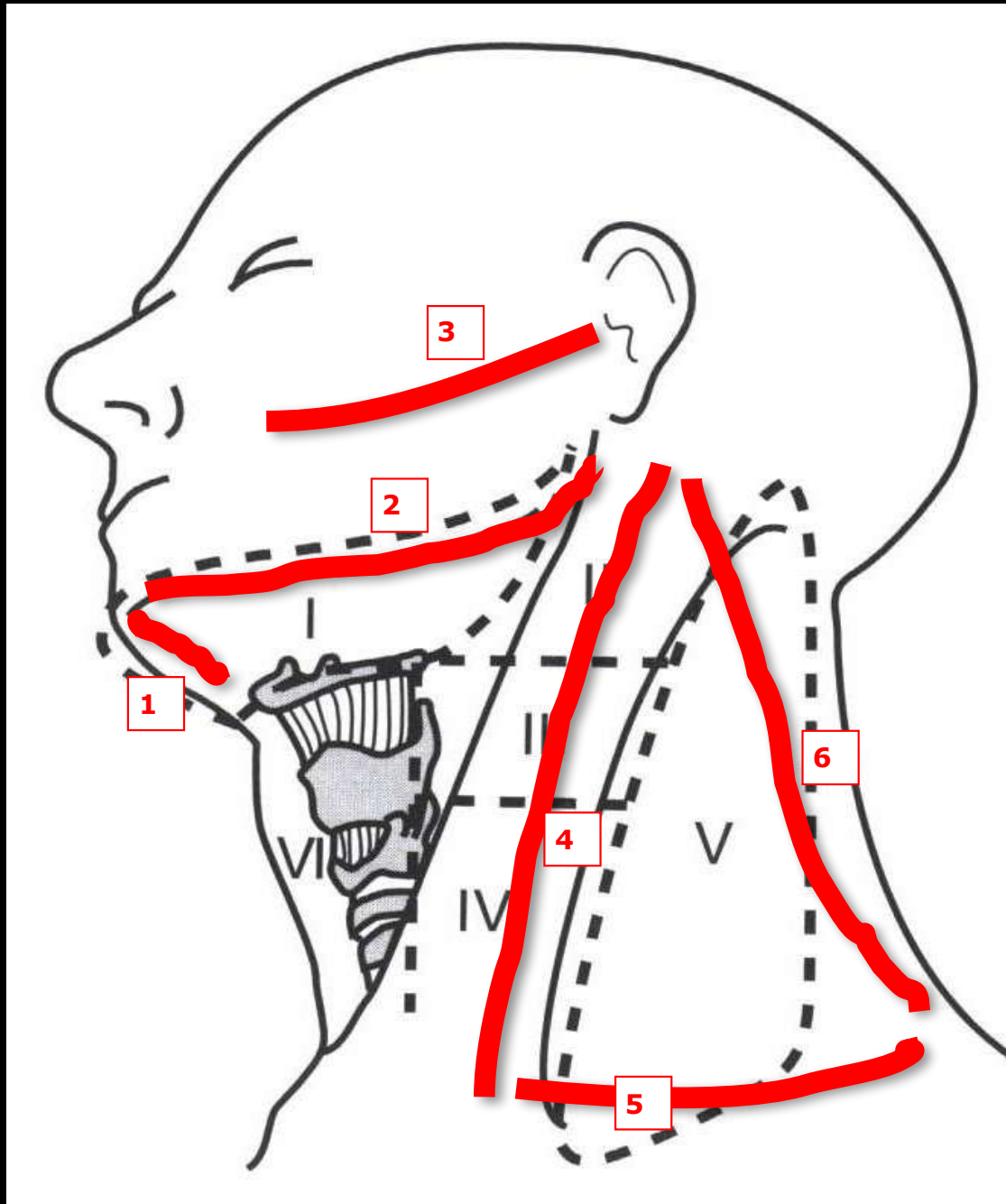
-1

-2

-3

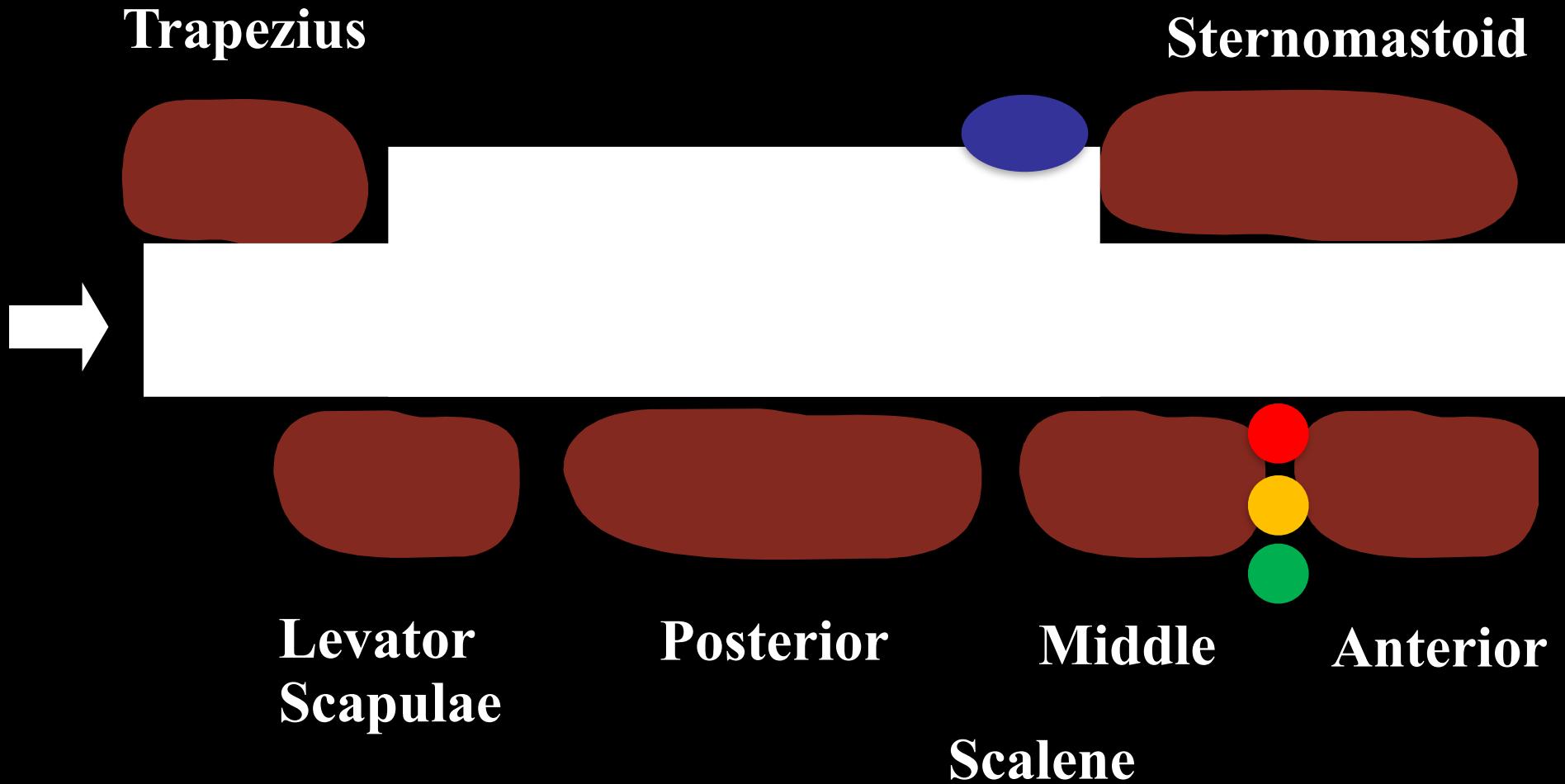


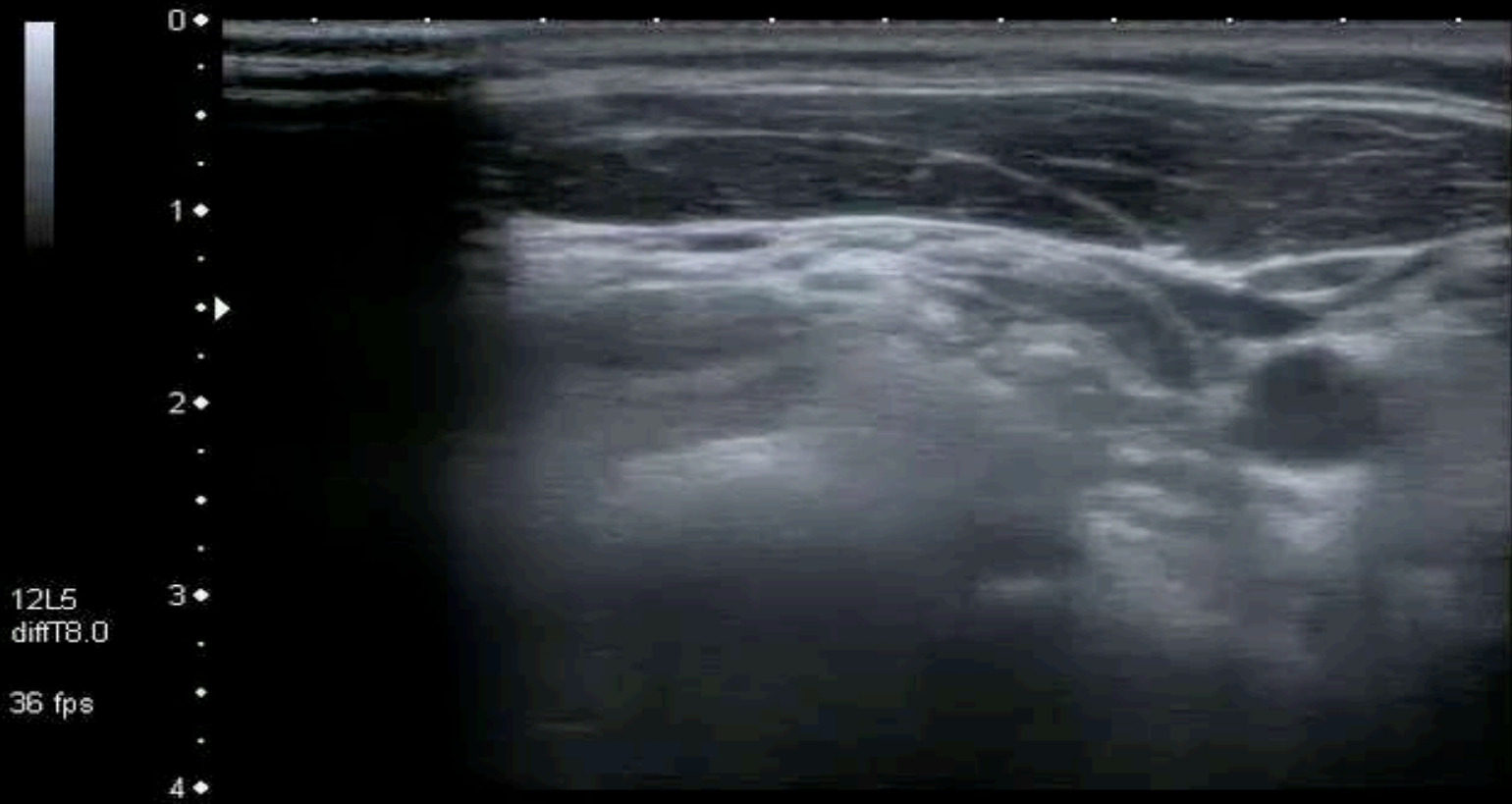
Sweep 6: posterior triangle



- Acj to mastoid tip
- Follow ant border trapezuis

Spinal Accessory Chain



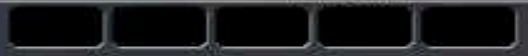


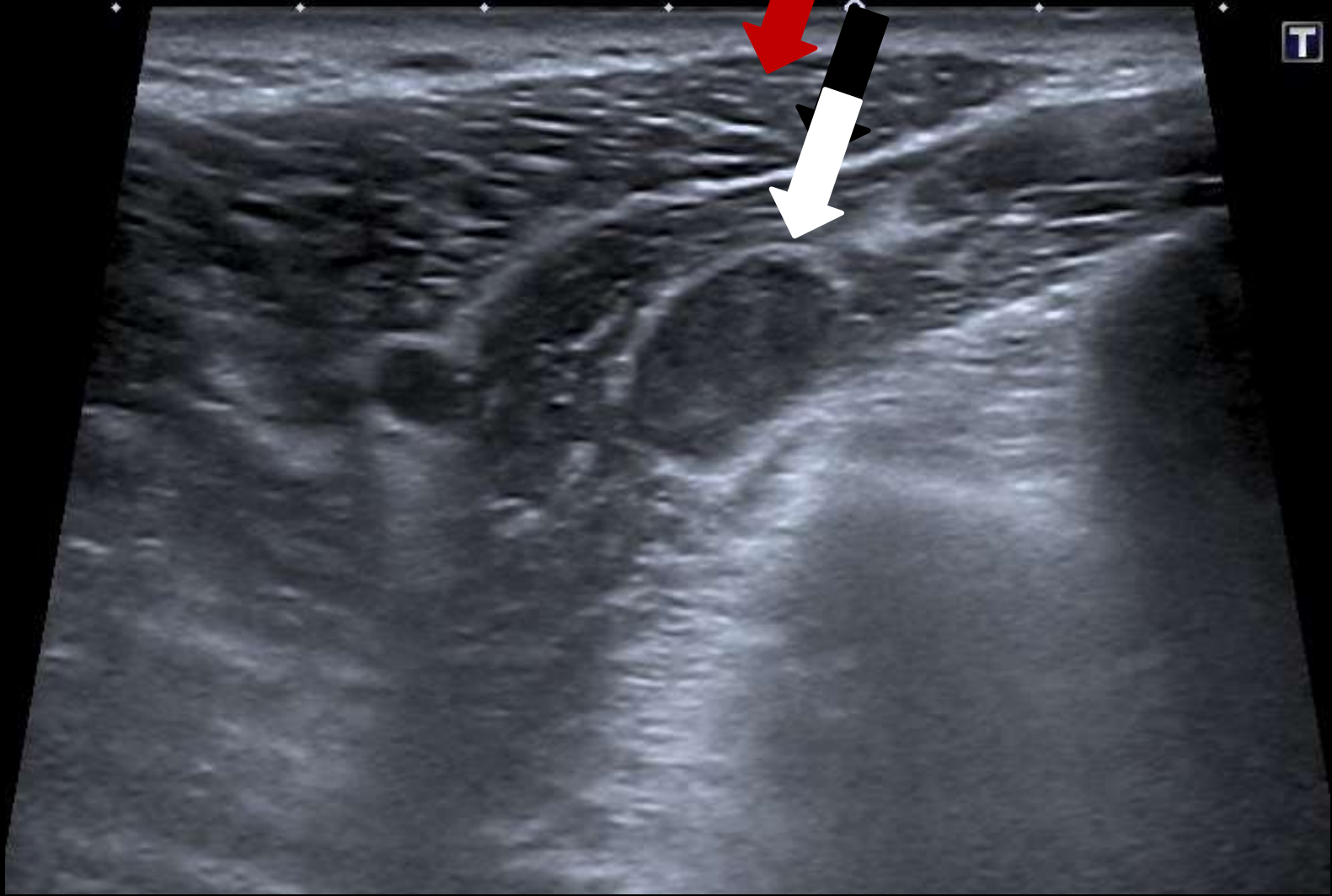
MI:1.6
2DG
80
DR
65

12L5
diffT8.0

36 fps

A 0 IP4

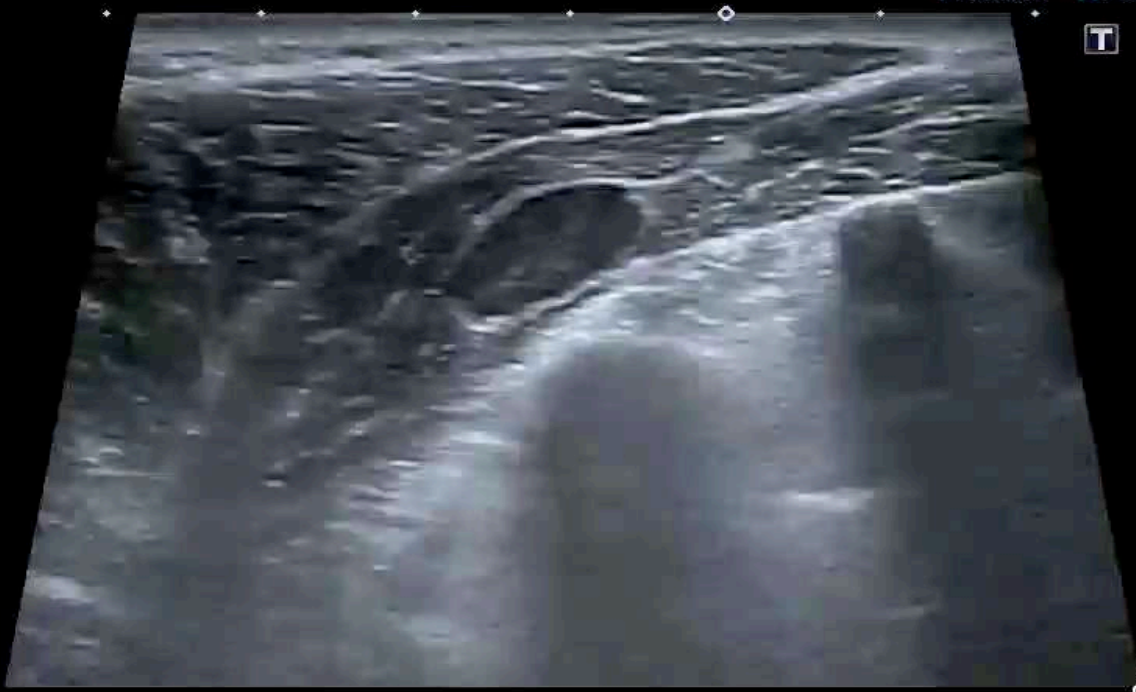




T

Precision APure+

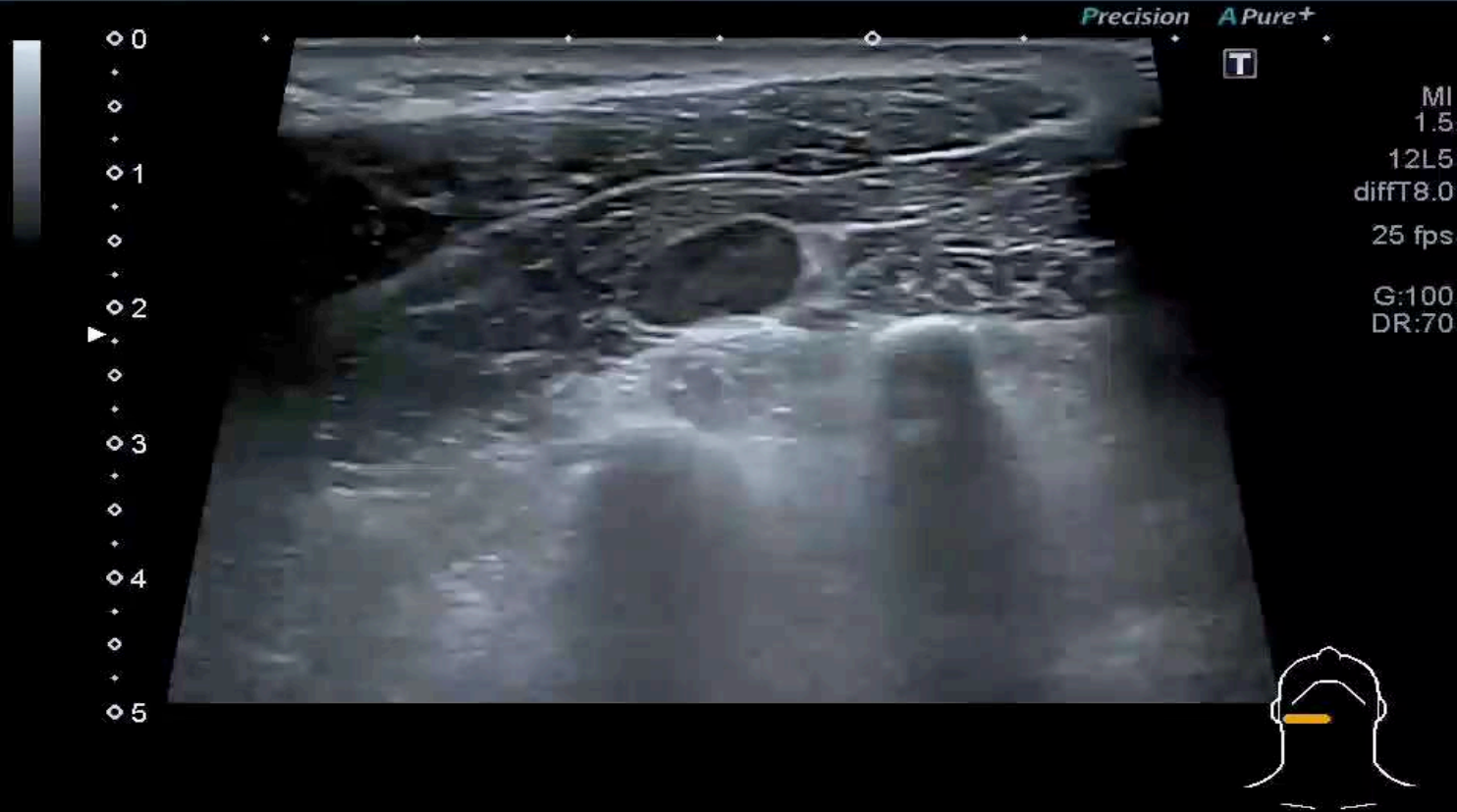
- ◊ 0
- +
- ◊ 1
- +
- ◊ 2
- +
- ◊ 3
- +
- ◊ 4
- +
- ◊ 5



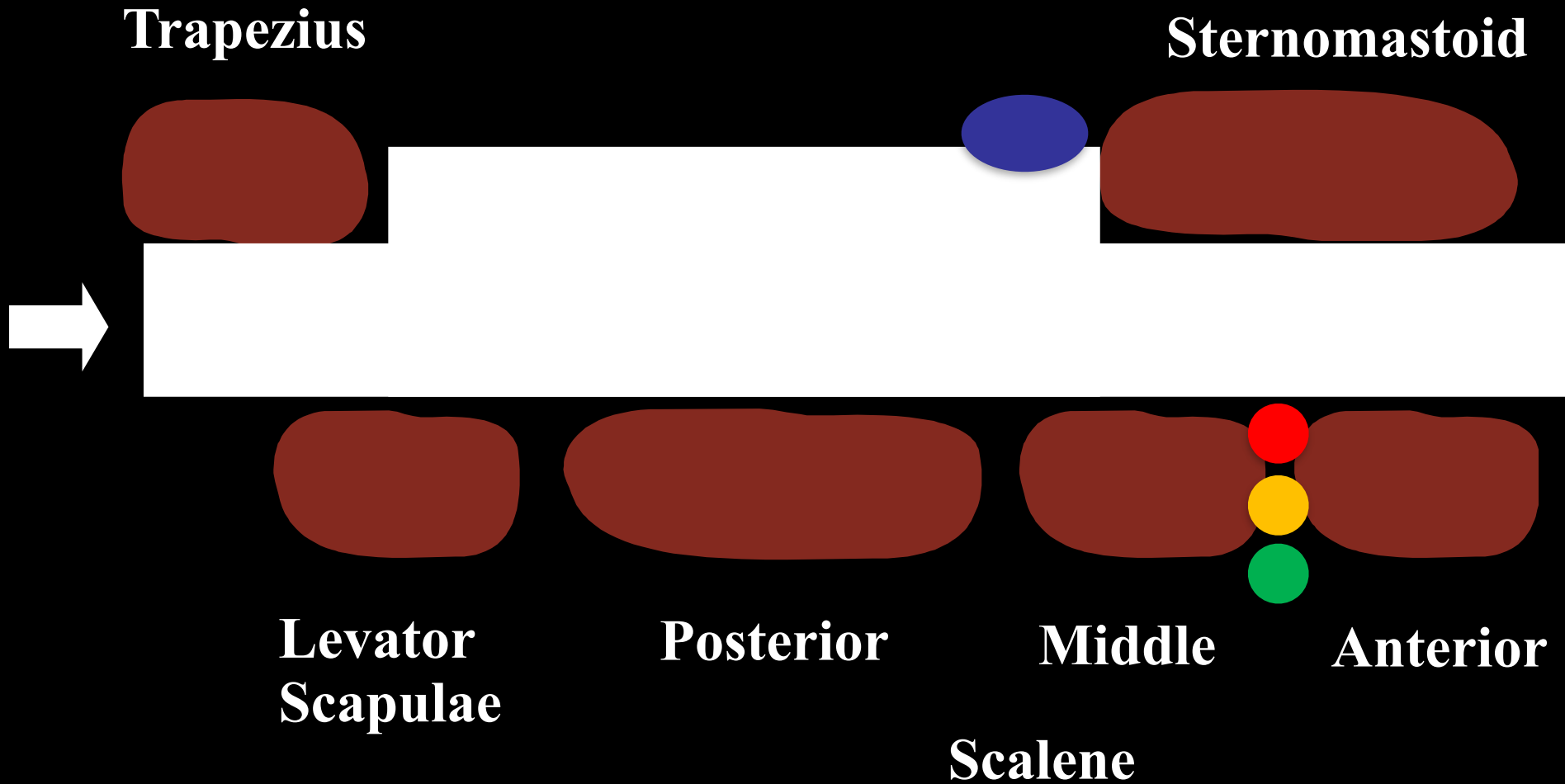
T

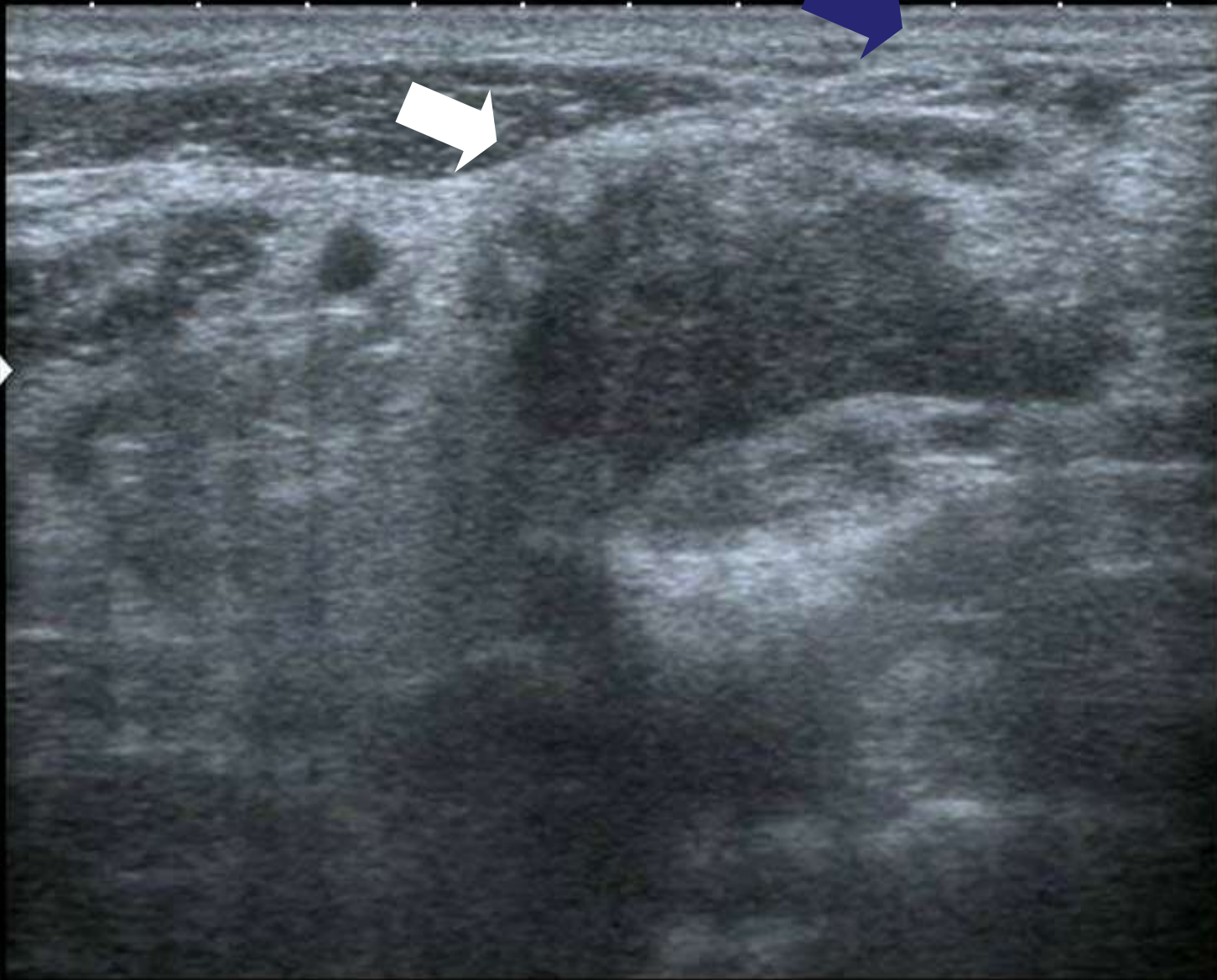
MI
1.5
12L5
diffT8.0
25 fps
G:100
DR:70

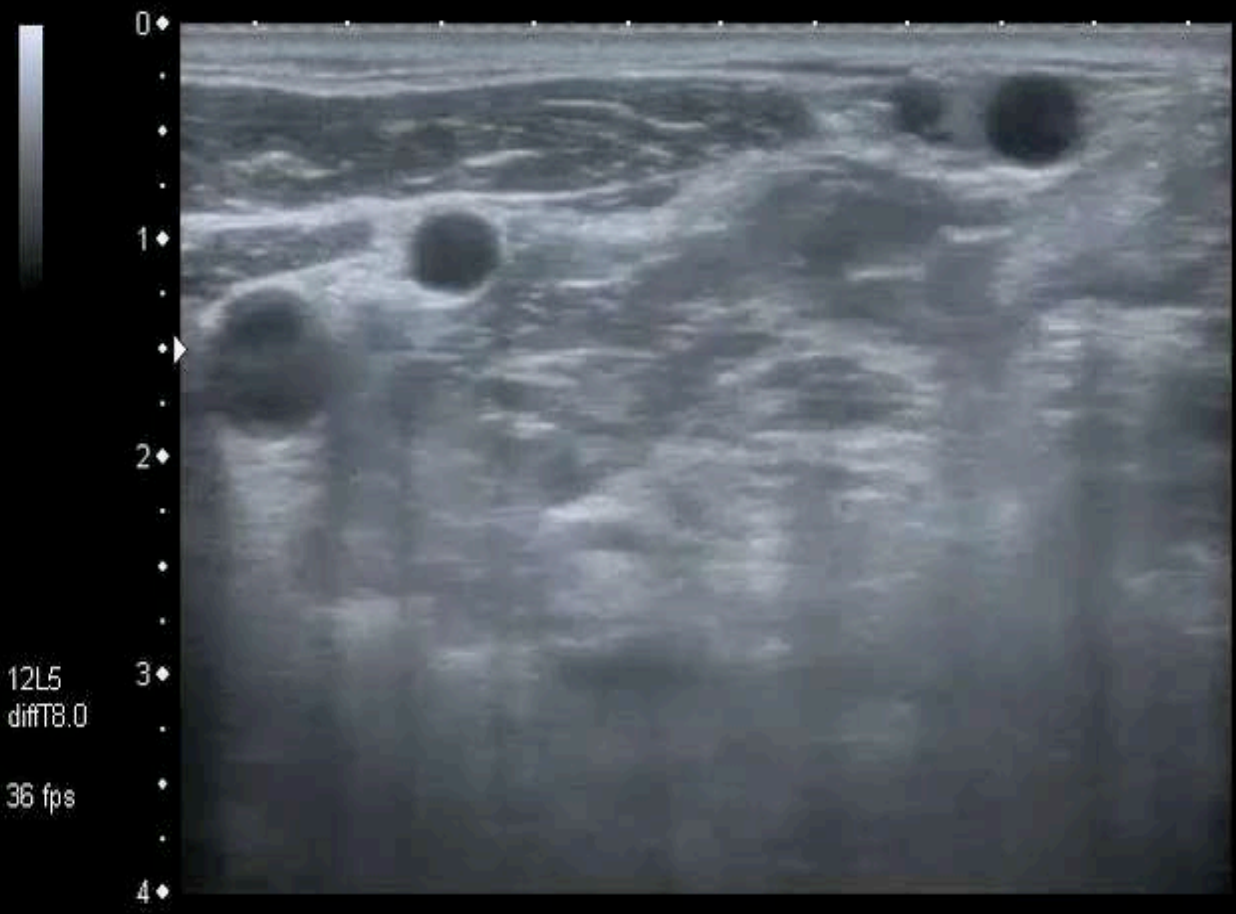




Spinal Accessory Chain





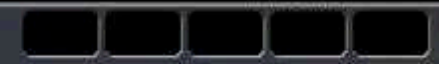


T

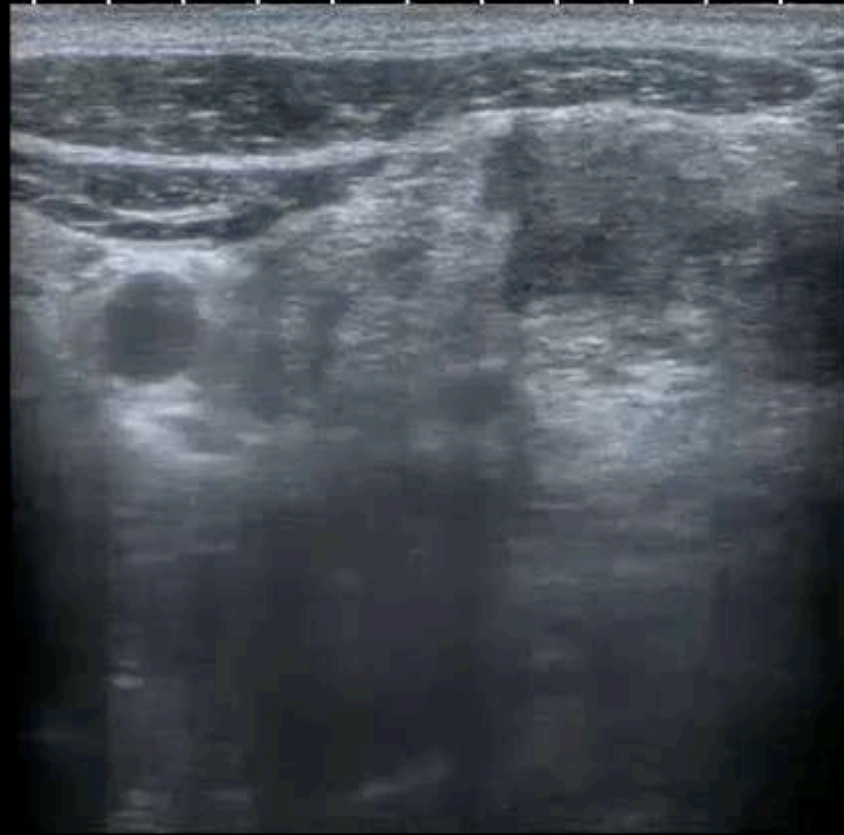
MI:1.6
2DG
80
DR
65

12L5
diffT8.0
36 fps

A.0 IP4



0 ◆
2 ◆▶
4 ◆
12L5
diffT8.0
31 fps



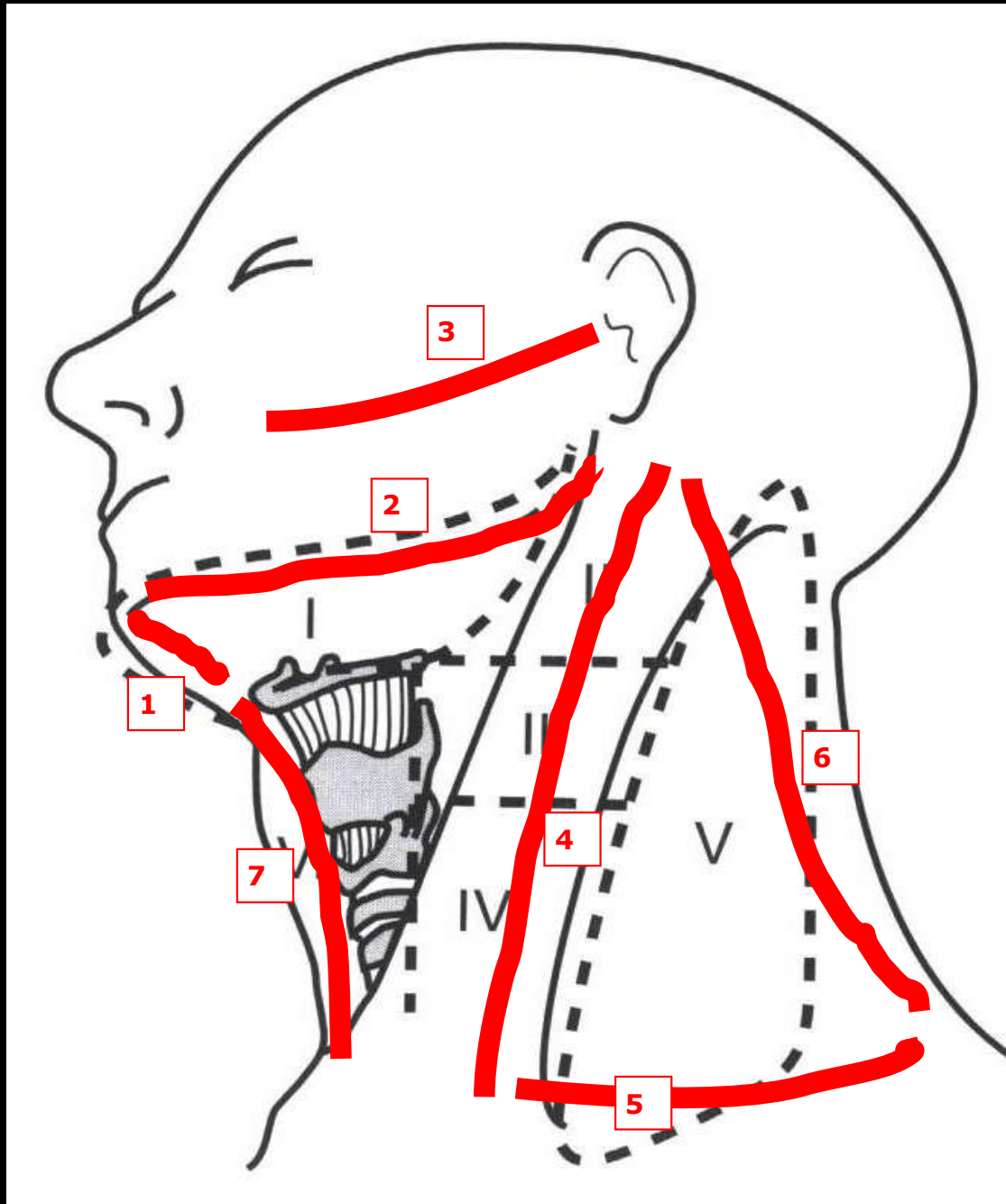
T

MI:1.6
2DG
80
DR
65

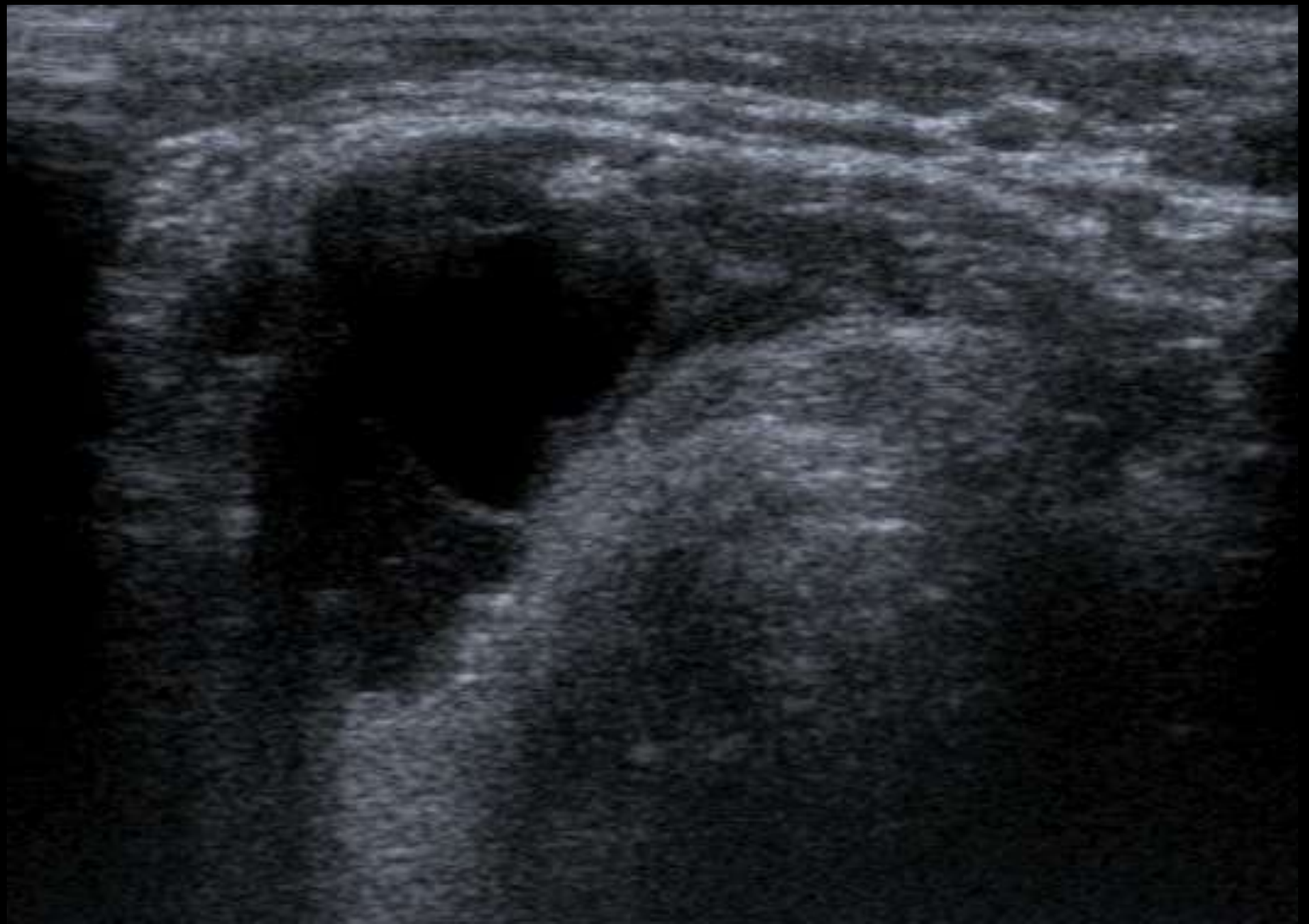
A 0 IP4



Sweep 7: anterior neck



- Hyoid to sternal notch
- Thyroid and Larynx











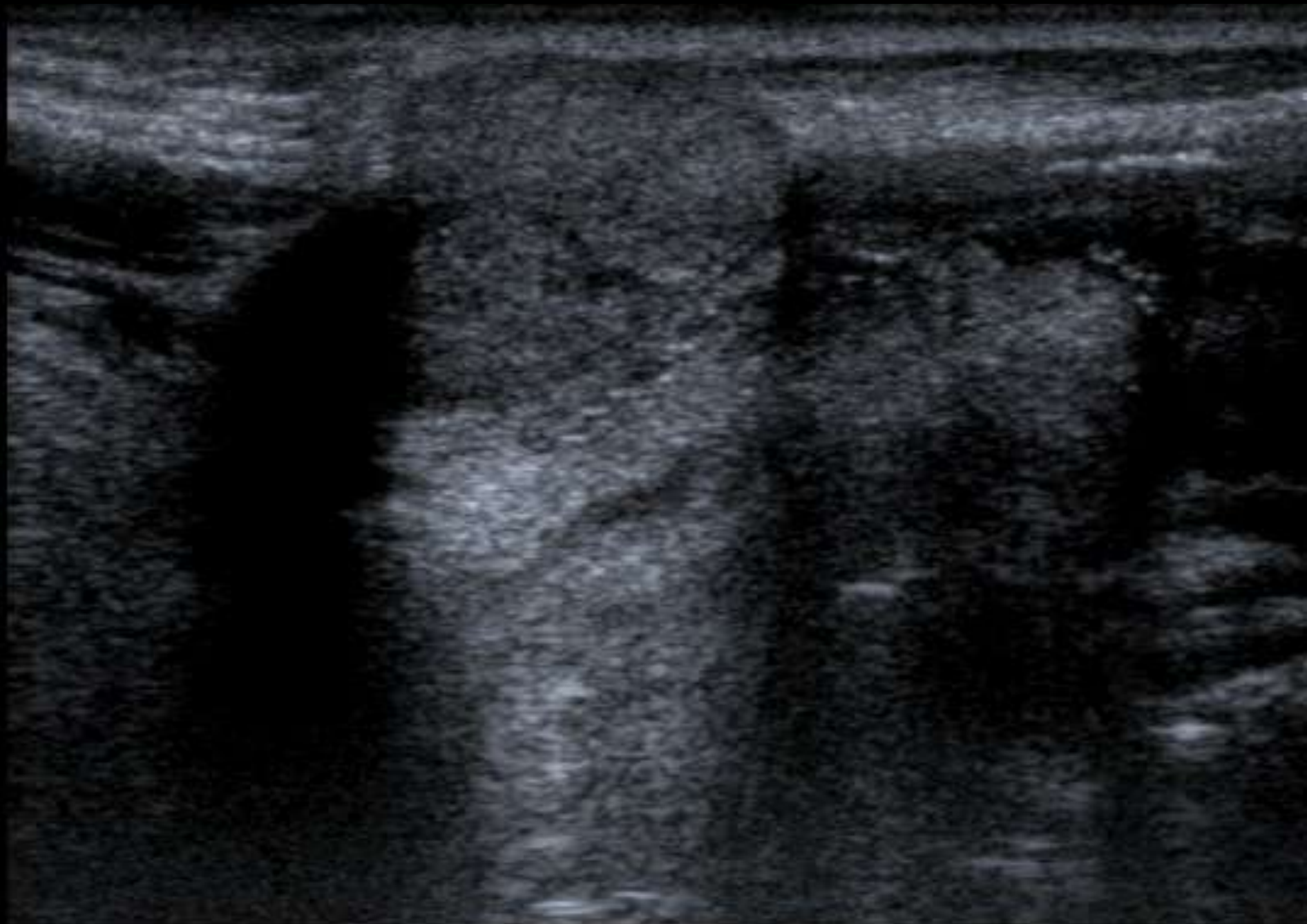


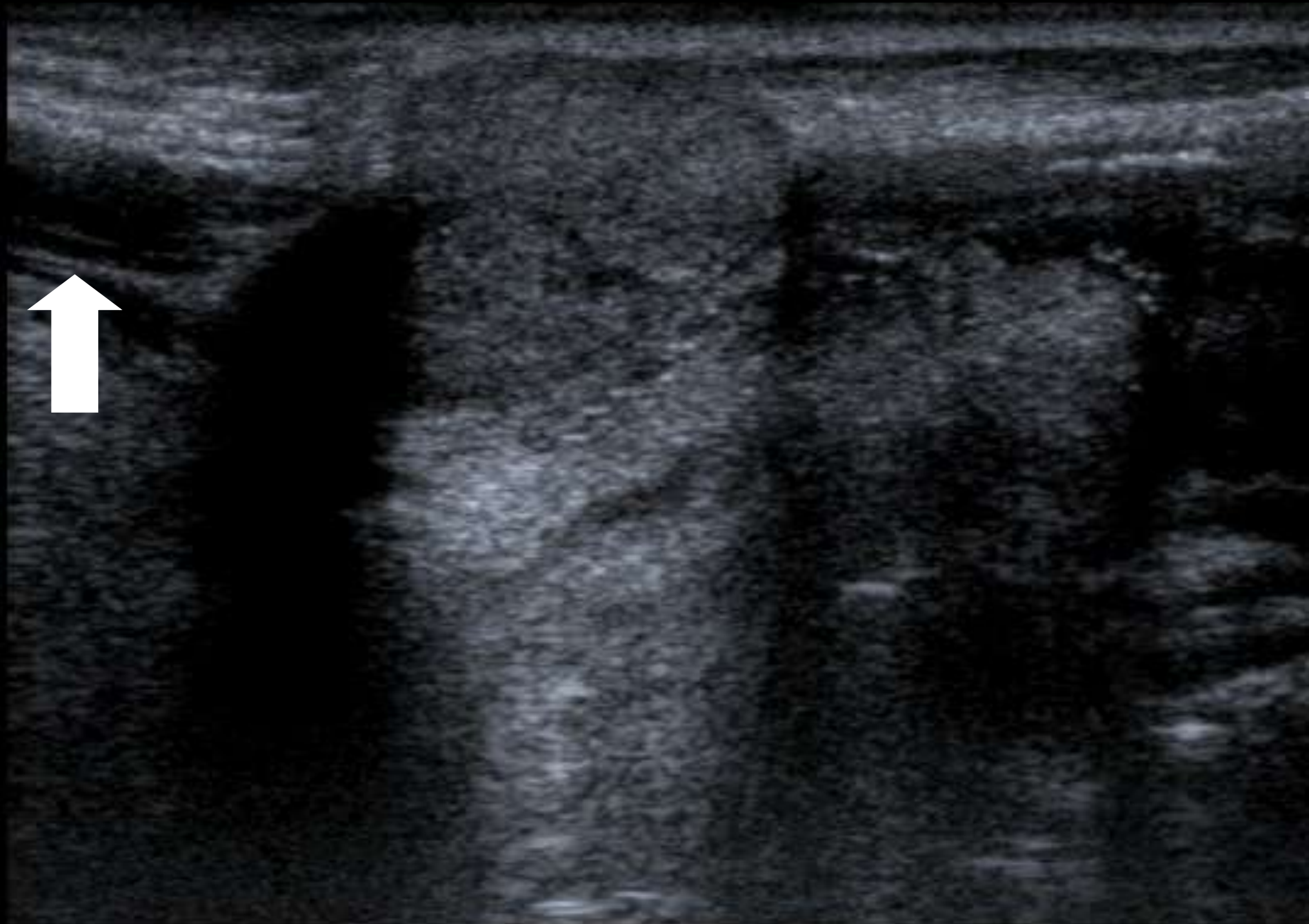


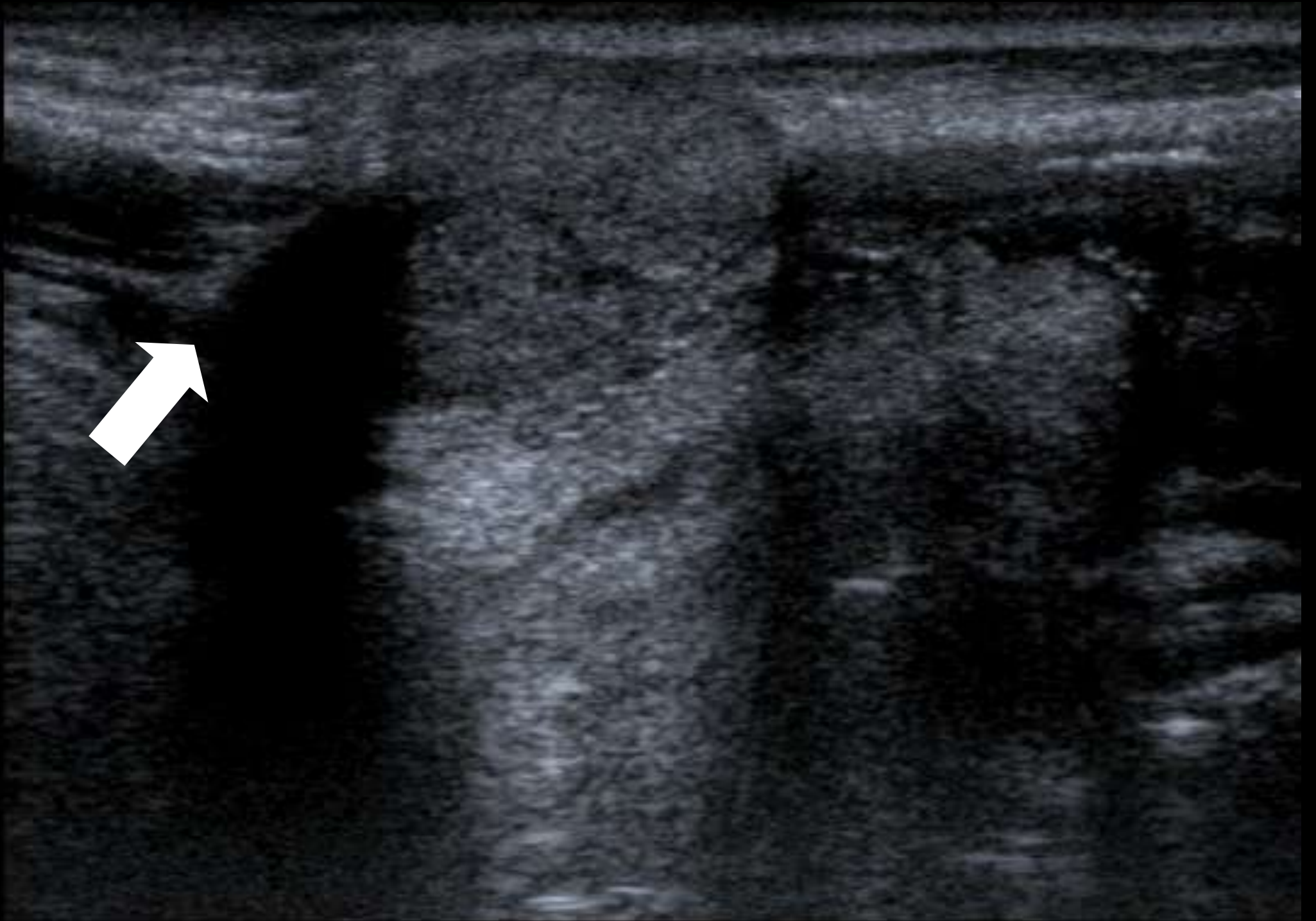


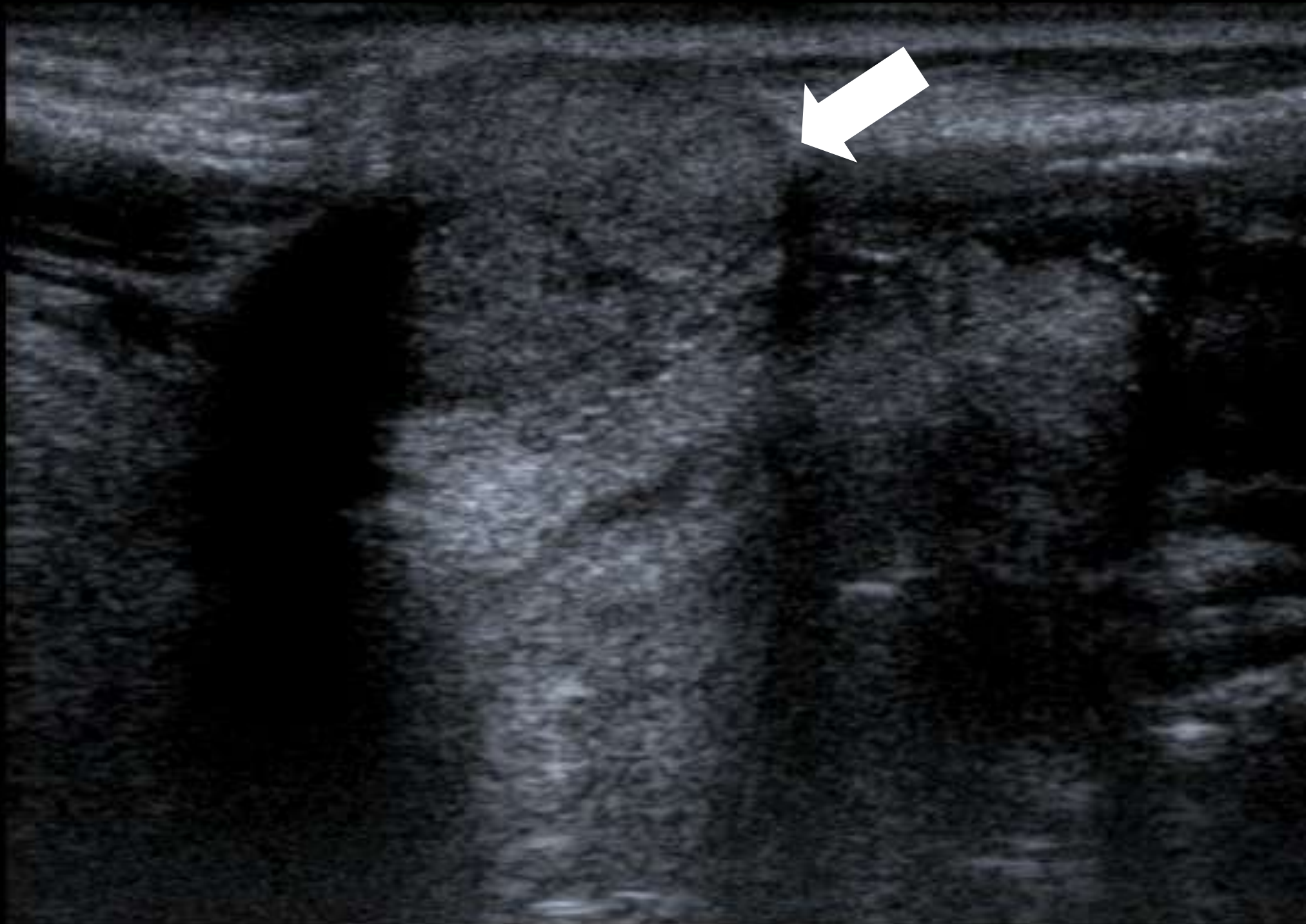


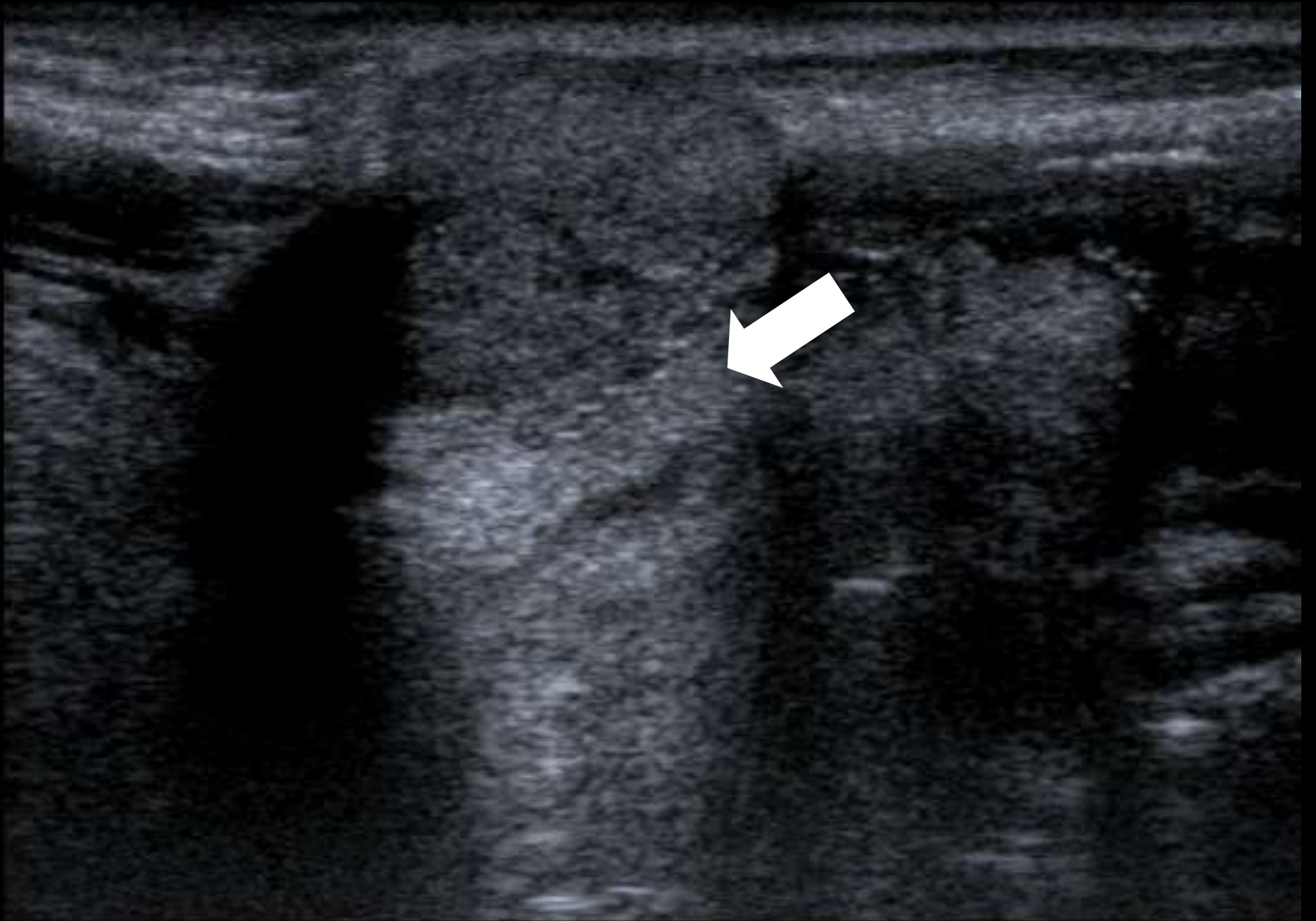


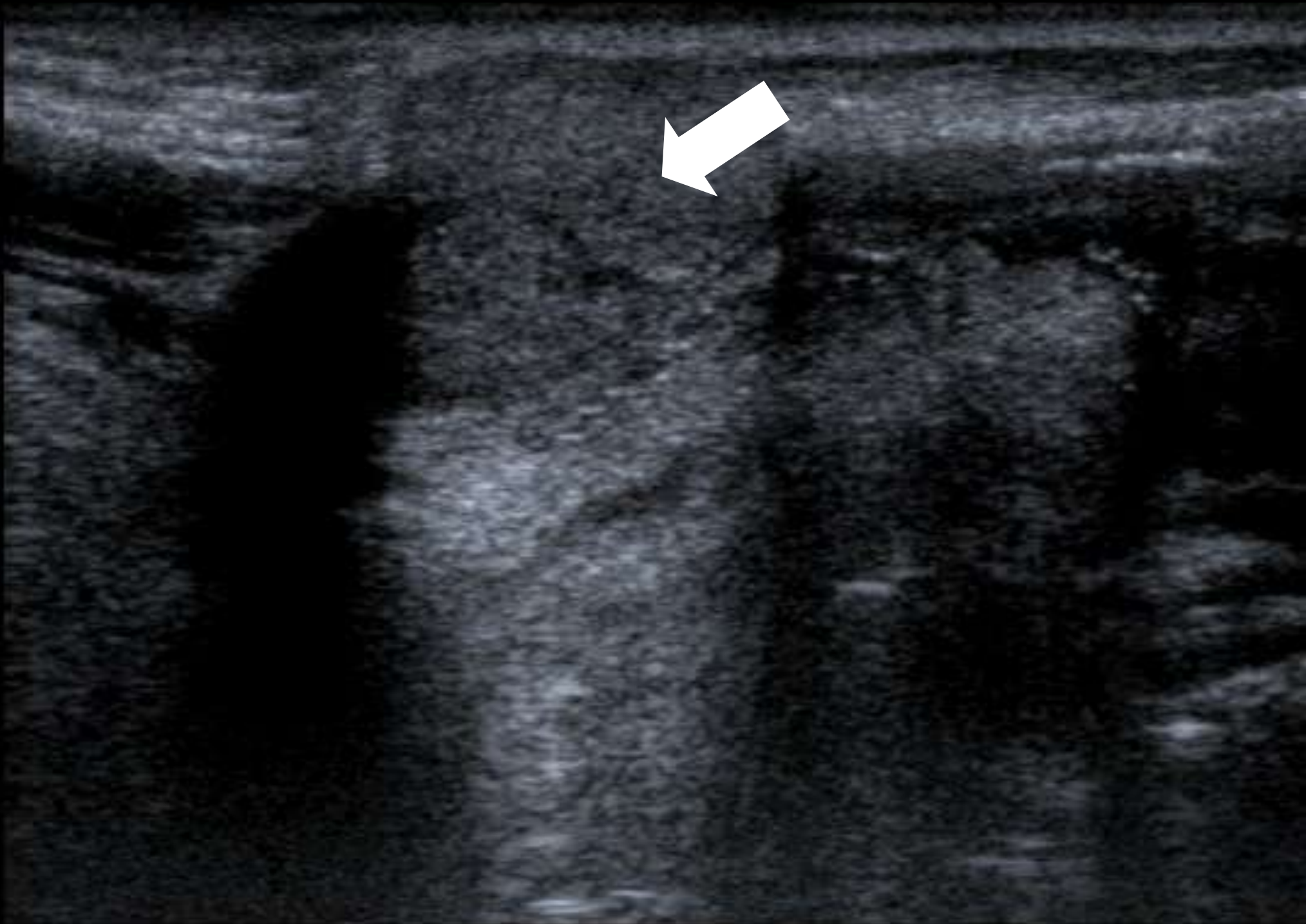








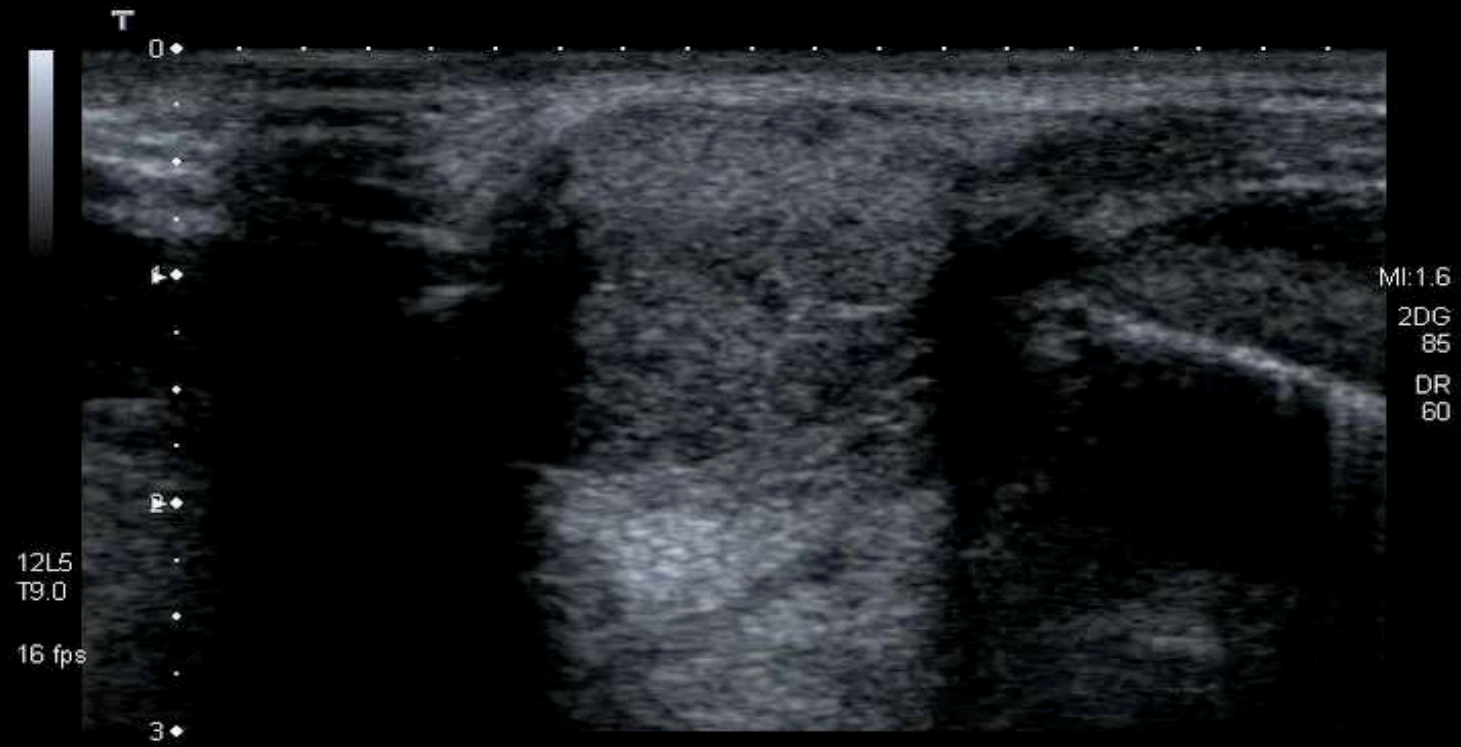




TOSHIBA 609507:PAUL LEWIS RME
SINGLETON HOSPITAL

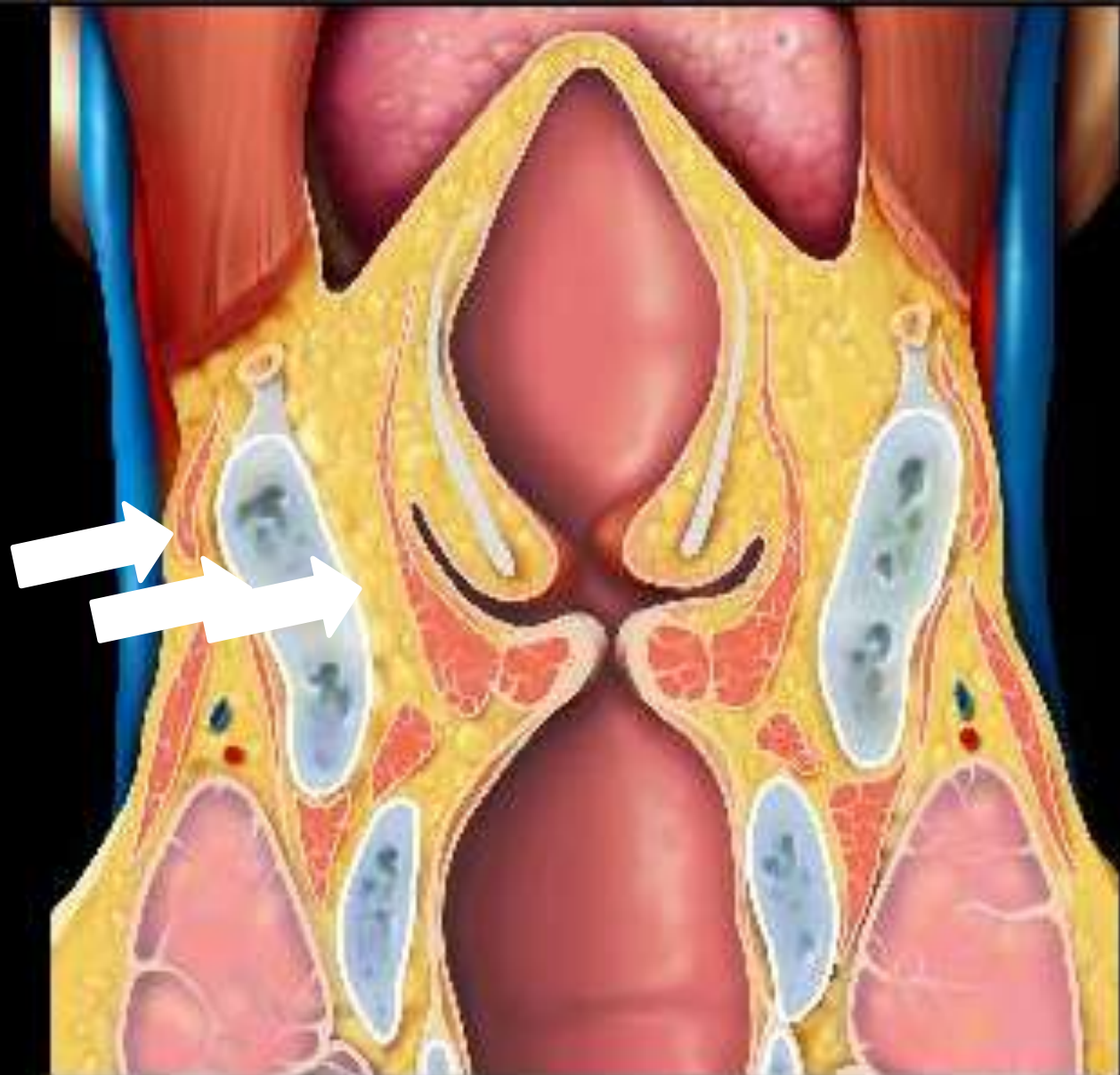
O
- ... - Thyroid

26/08/2005
11:15:59 AM

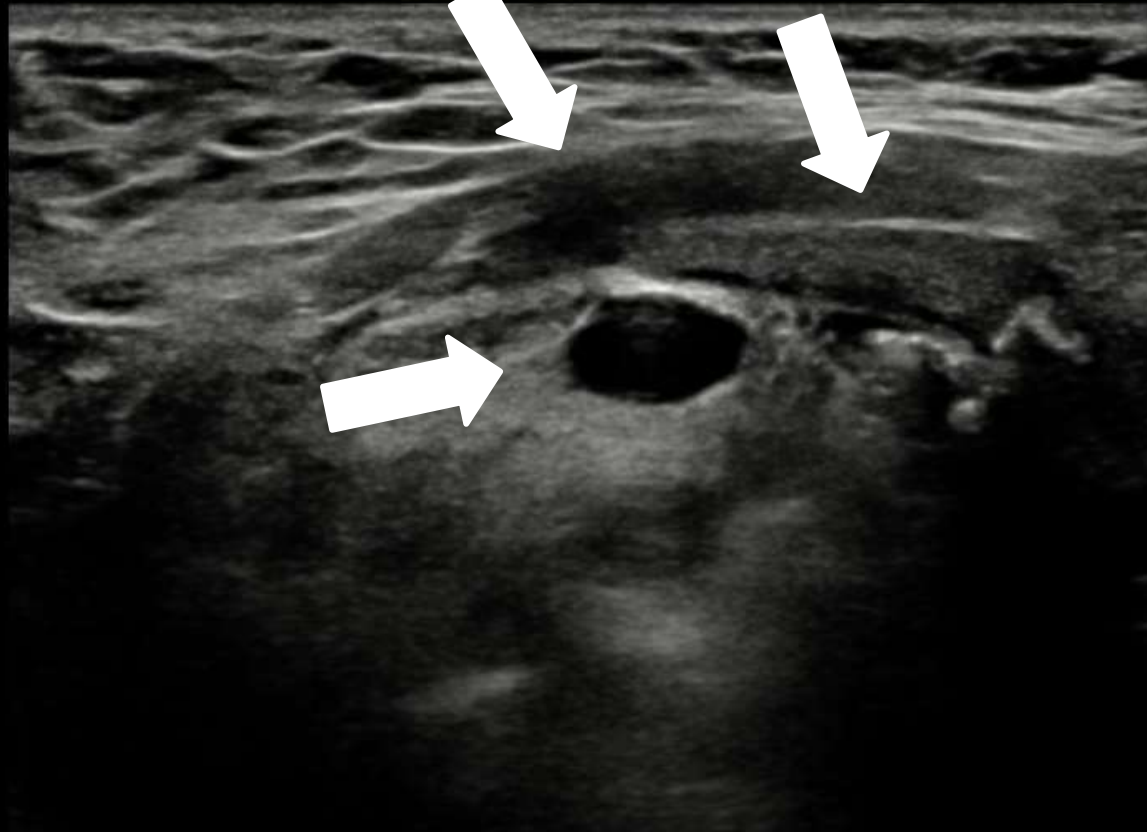


HDD:91% Free



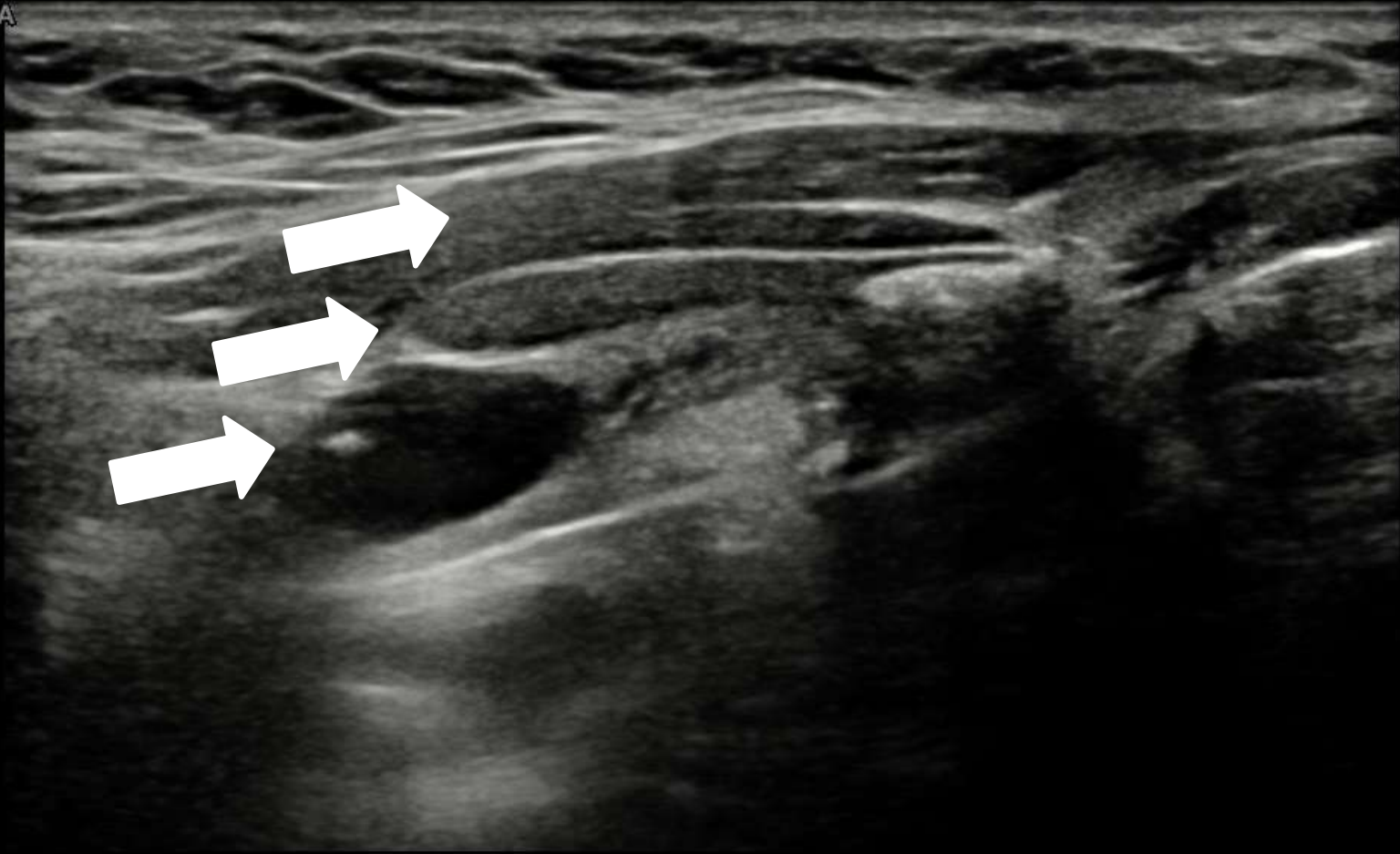


RS80A



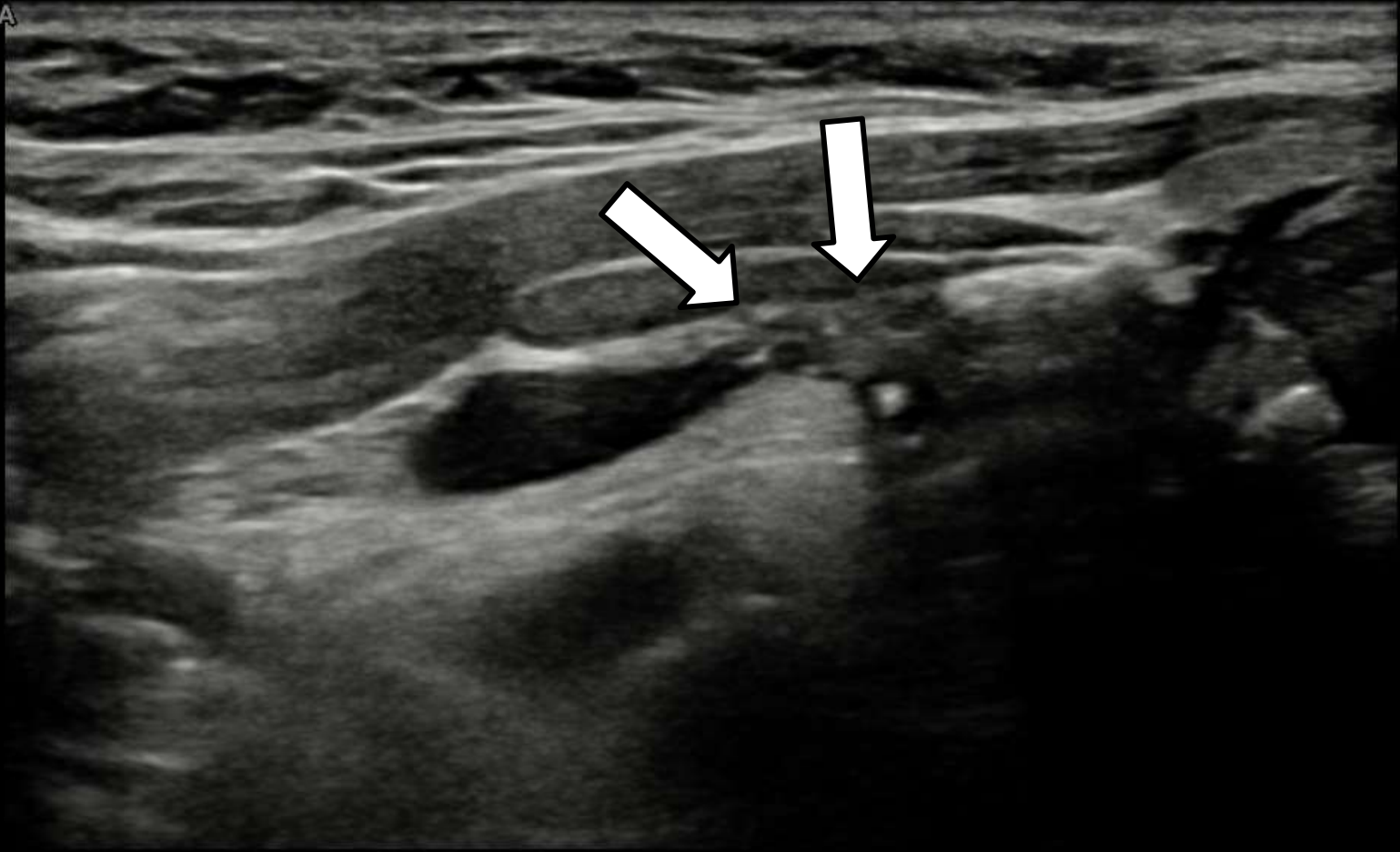
RS80A

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RS80A

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iS80A

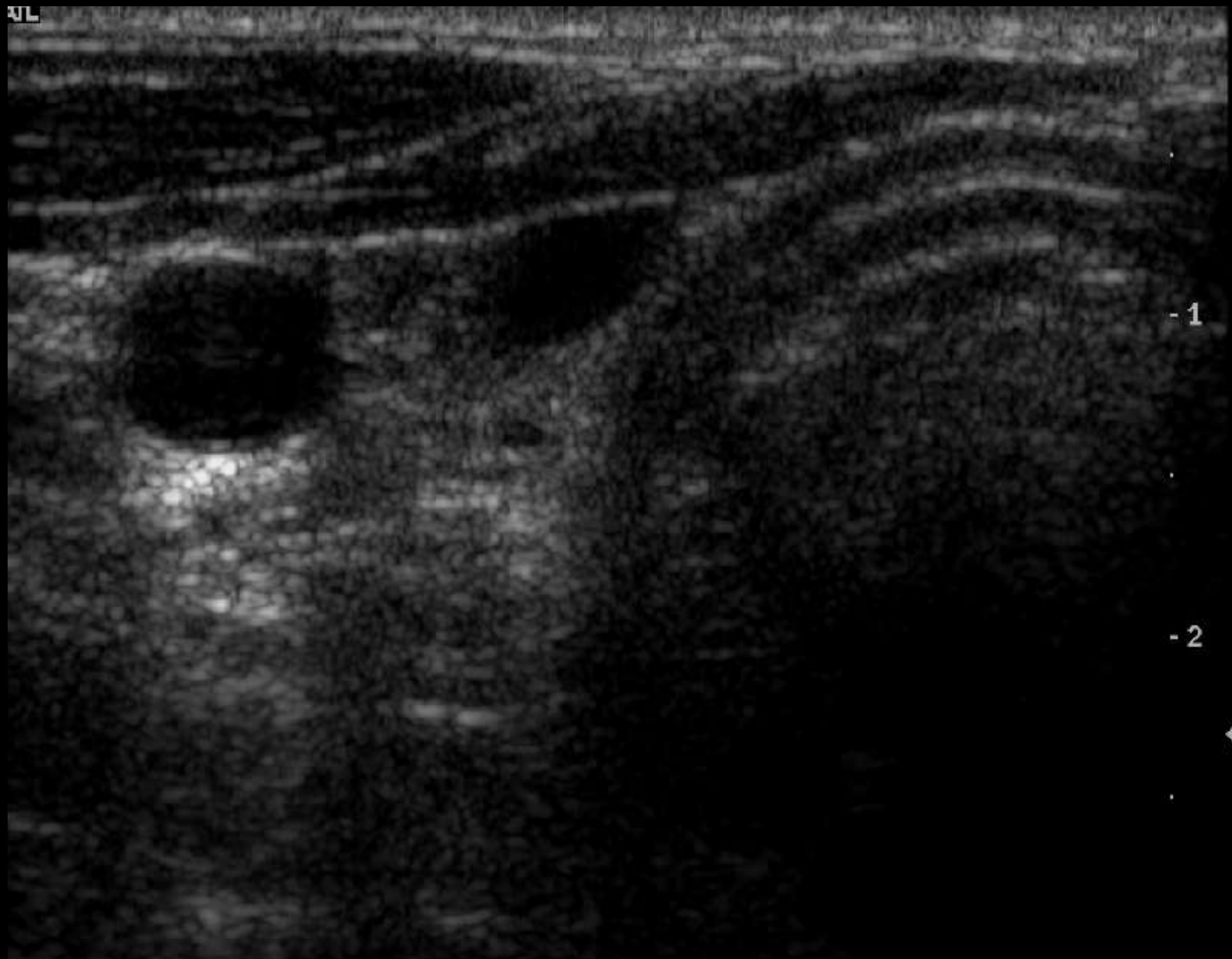
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.2



AL

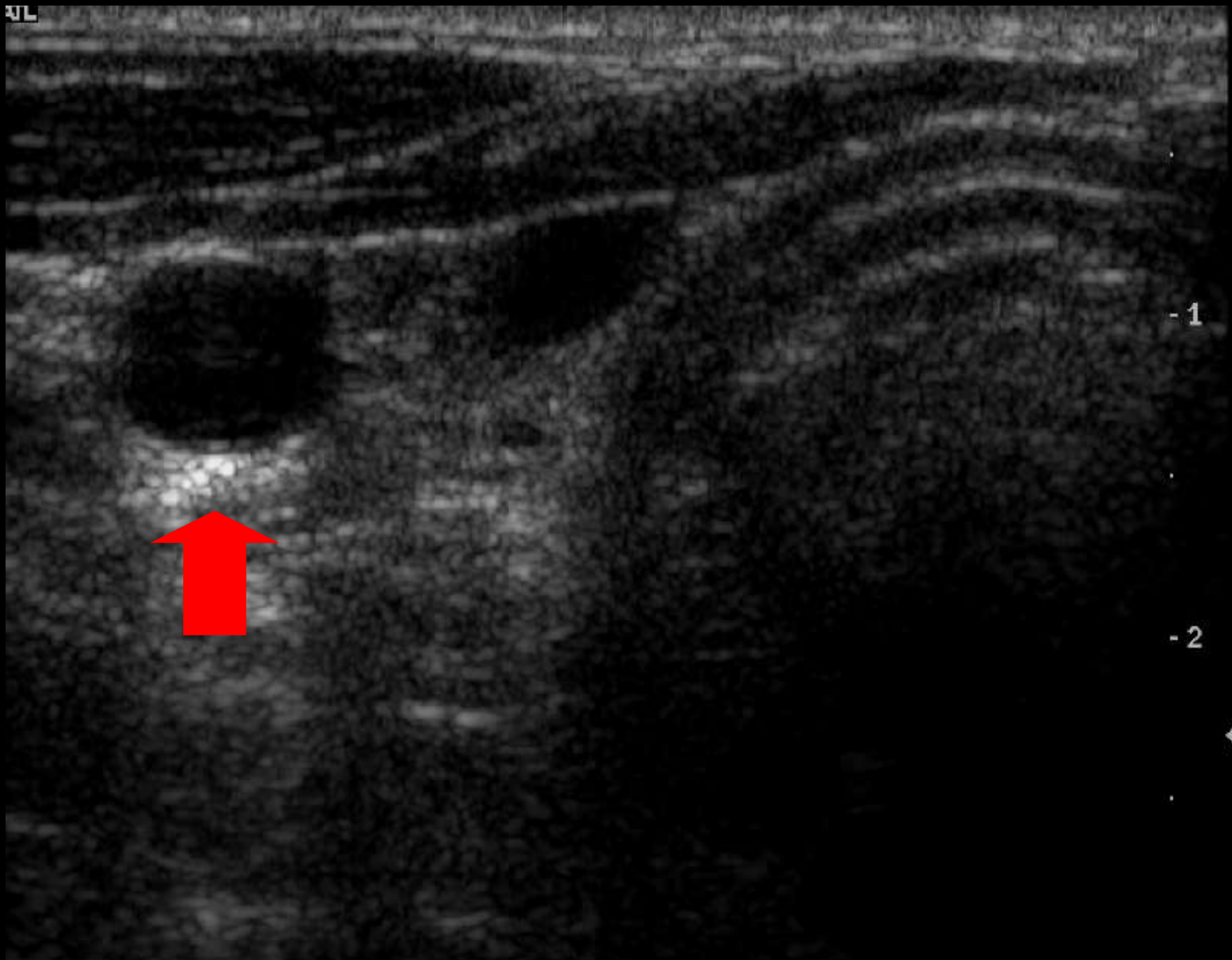


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AL



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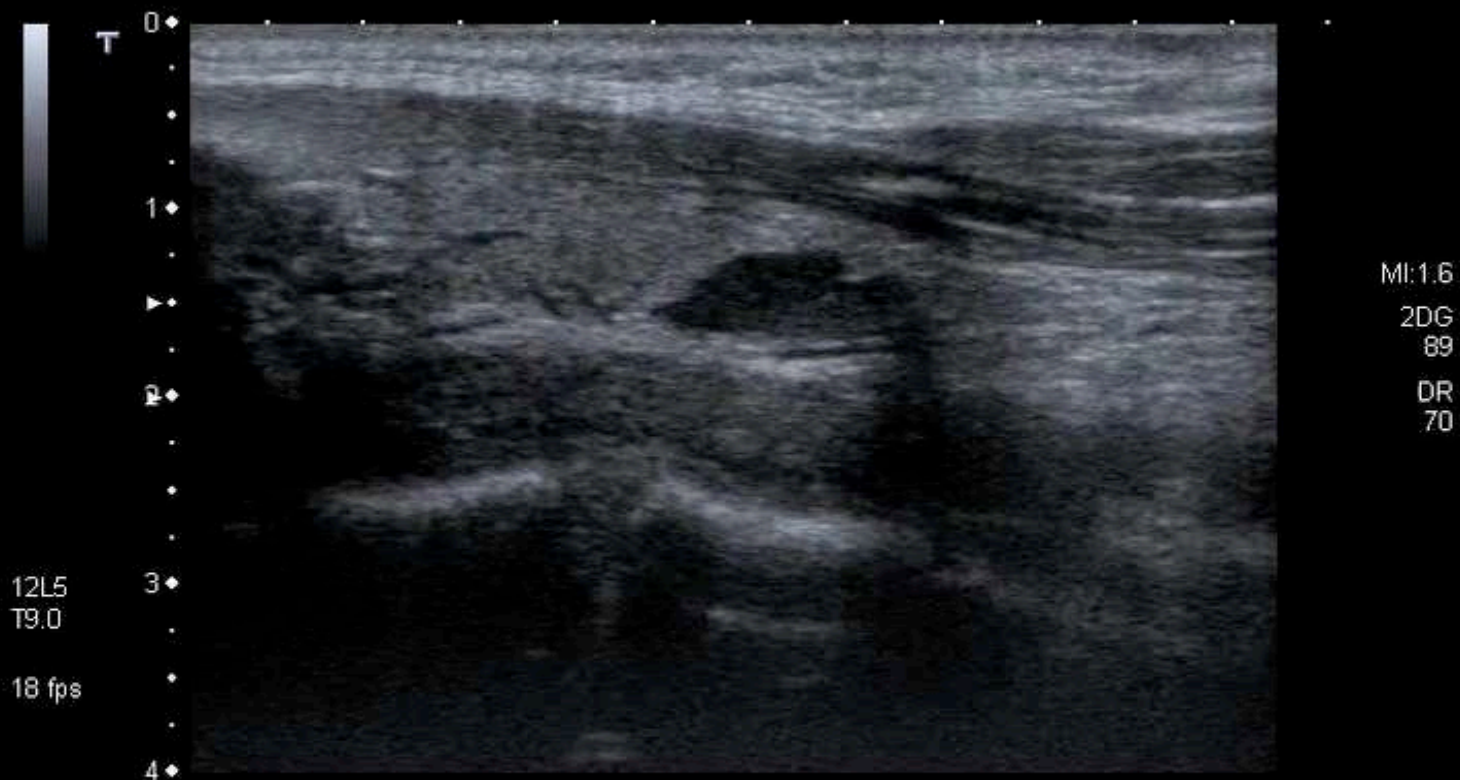
AL



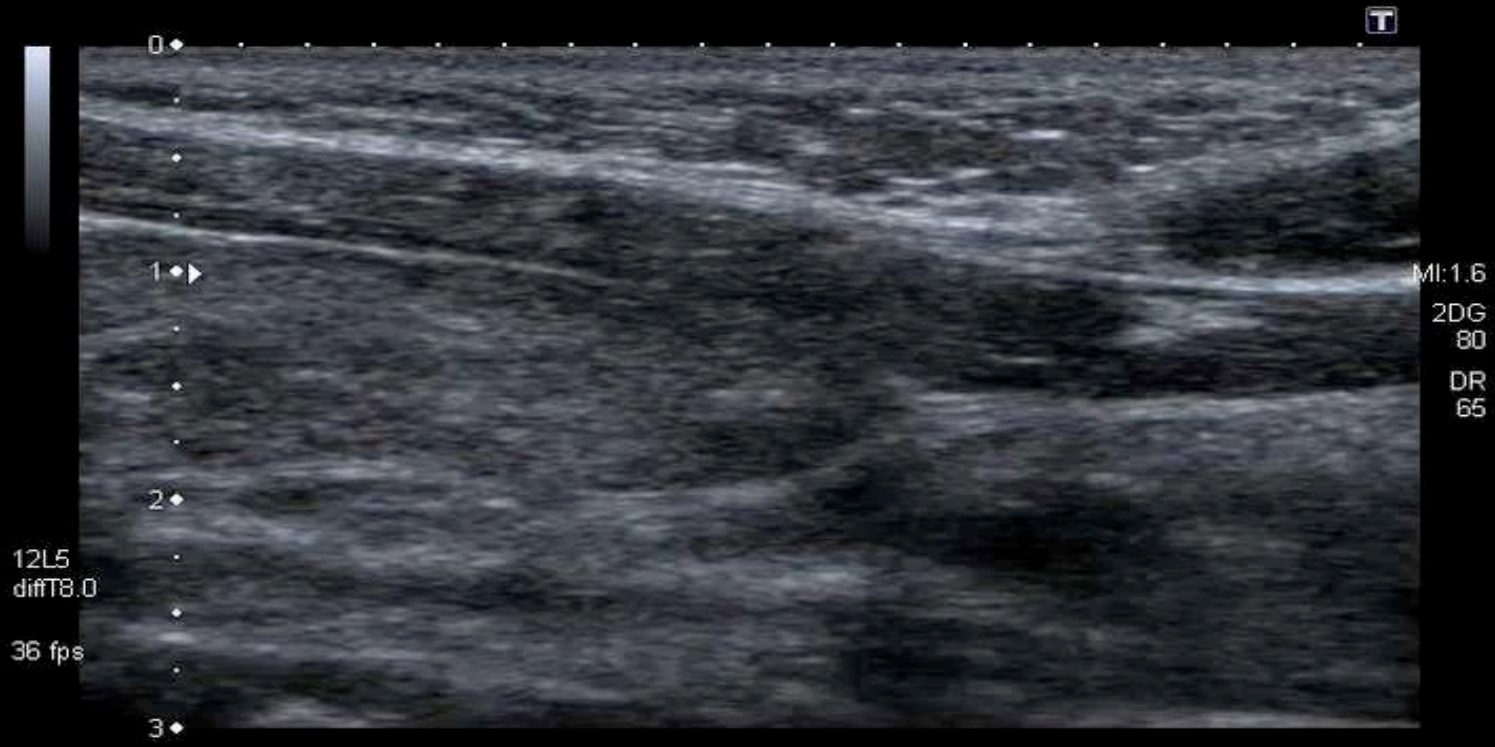
-1

-2





Archive job is not accepted. Please try again.



12L5
diffT8.0

36 fps

MI: 1.6
2DG
80
DR
65



Ultrasound of the neck in 7 sweeps

