

Window into your Patient with Bedside US

Charles Bruen, MD
Critical Care/Emergency Cardiology Fellow
Hennepin County Medical Center

April 24, 2015

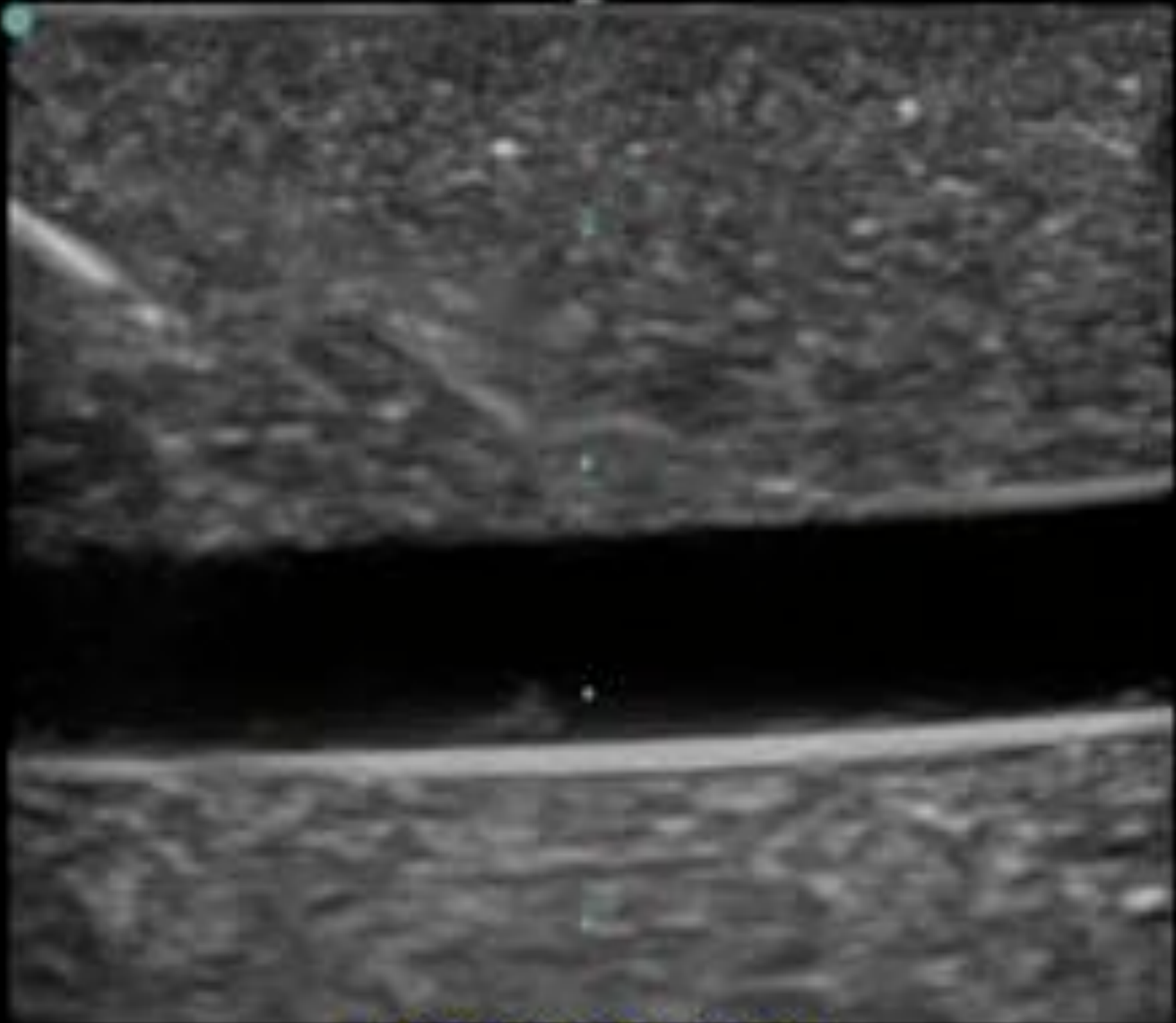
Objectives

- Understand the impact bedside ultrasound use has on improving patient care and reducing costs.
- Identify how ultrasound can be used during cardiac arrest to evaluate the patient and guide treatments.
- List the benefits and pitfalls of performing ultrasound guiding vascular access.
- Recognize the Procedural uses of bedside ultrasound in the ICU.
- Be able to identify developing areas for ultrasound use.

Disclosures

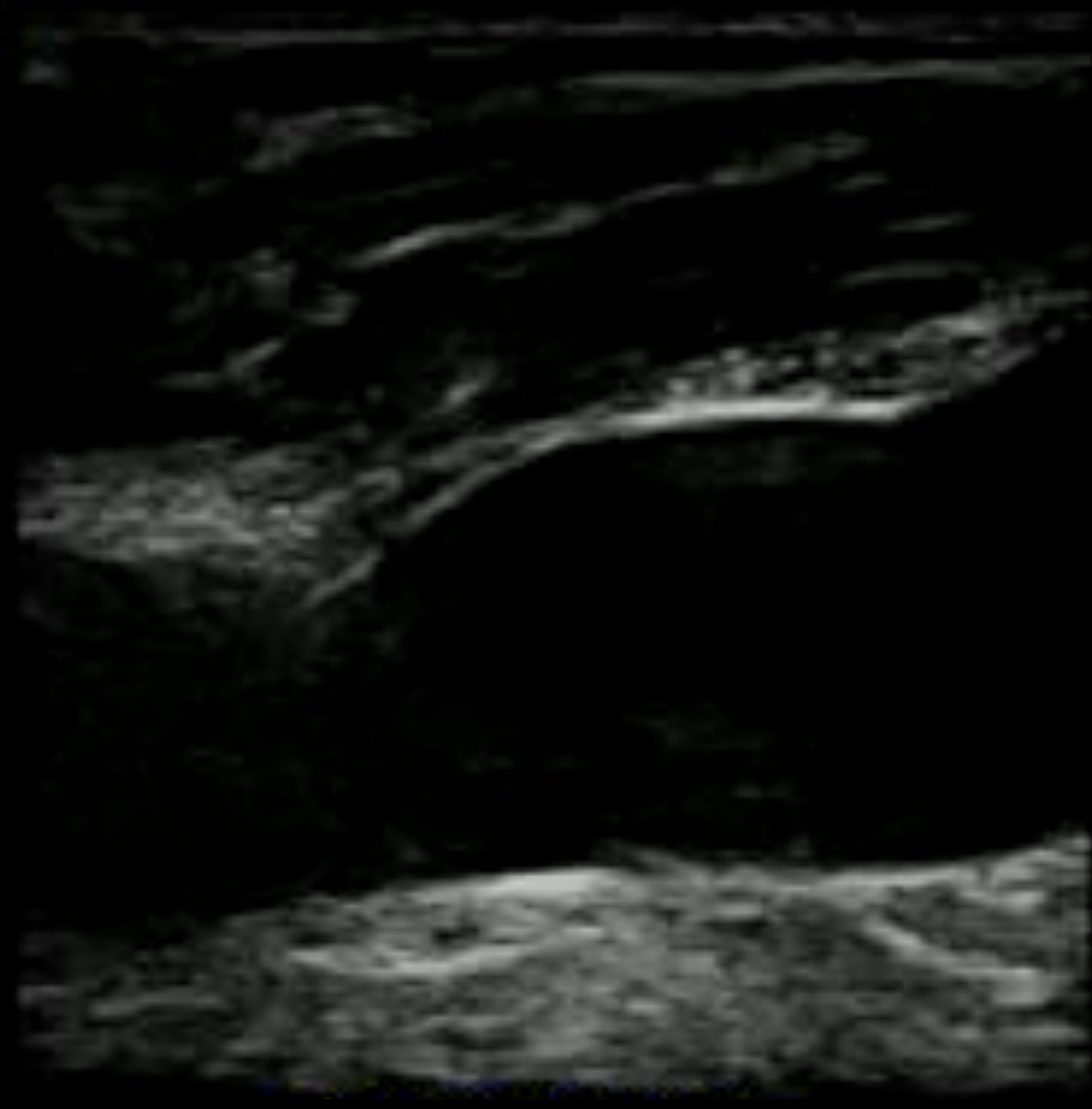
- There are no conflicts of interest or relevant financial interests that have been disclosed by this presenter or the rest of the planners and presenters that apply to this learning session.
- Dr. Bruen will not discuss off-label use and/or investigational use in this presentation.





6

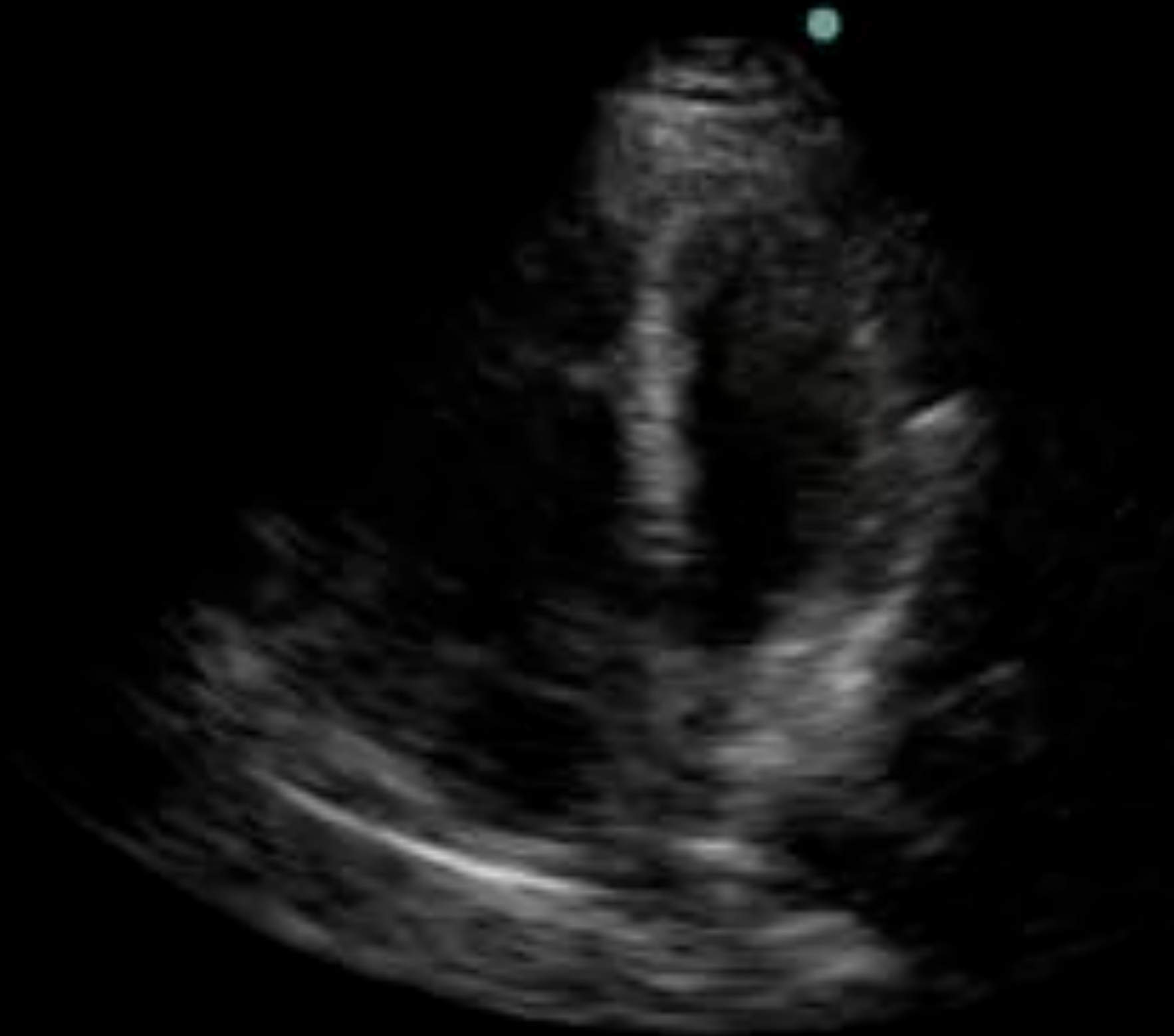
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100



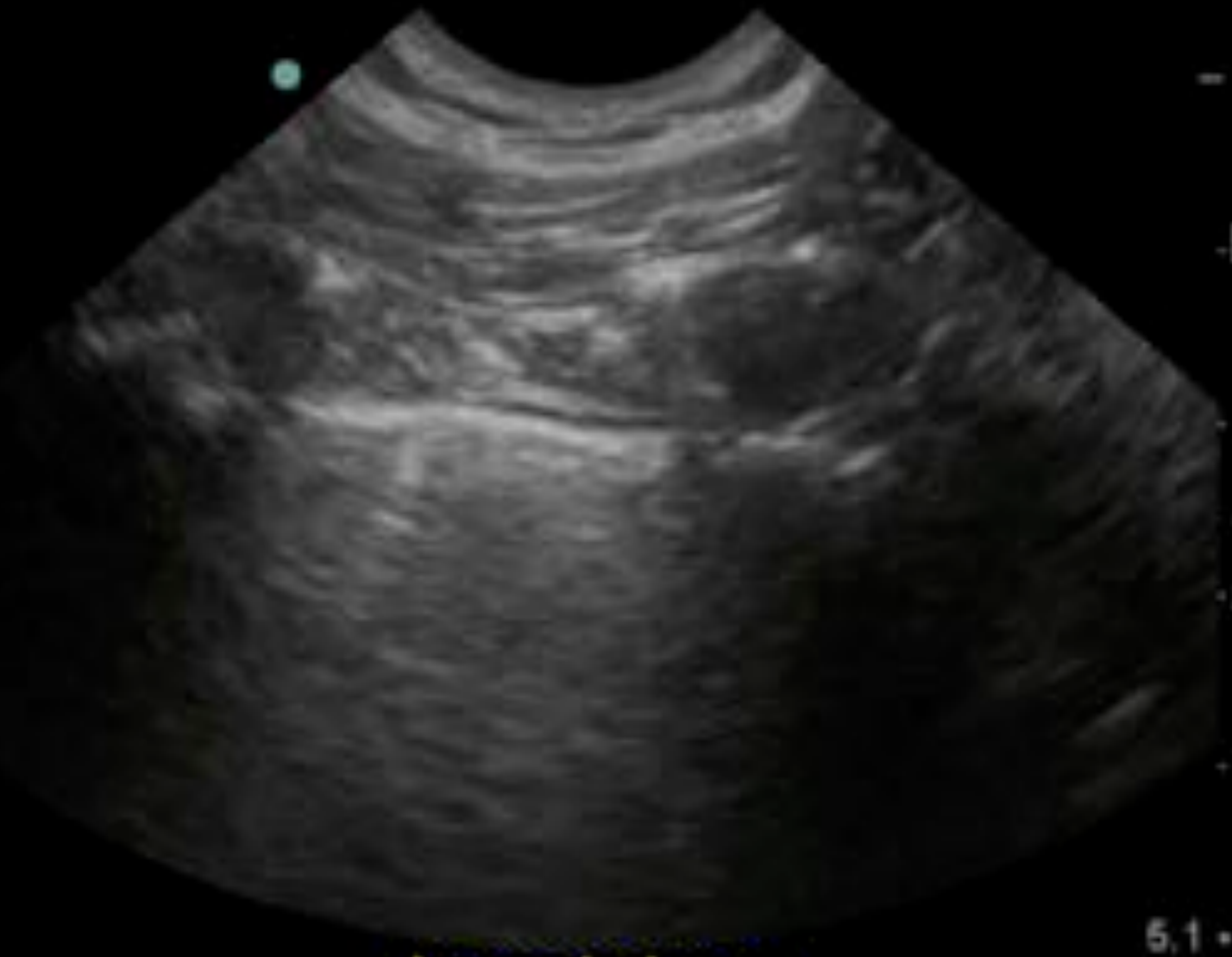












5.1 •

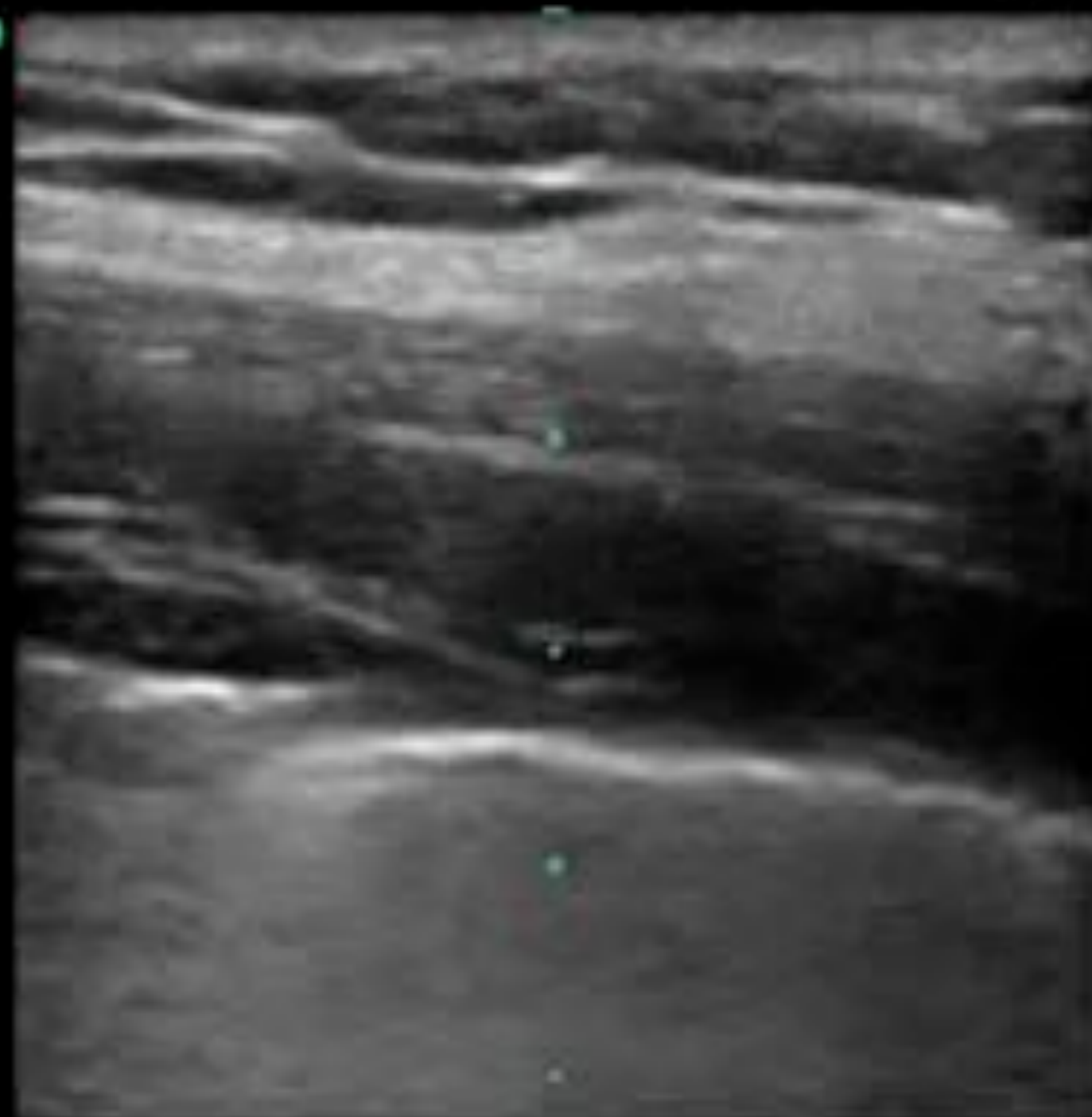


Res
S

MB

2015Feb06 14:27

- Vas
L25
65%
MI
0.8
TIS
0.1

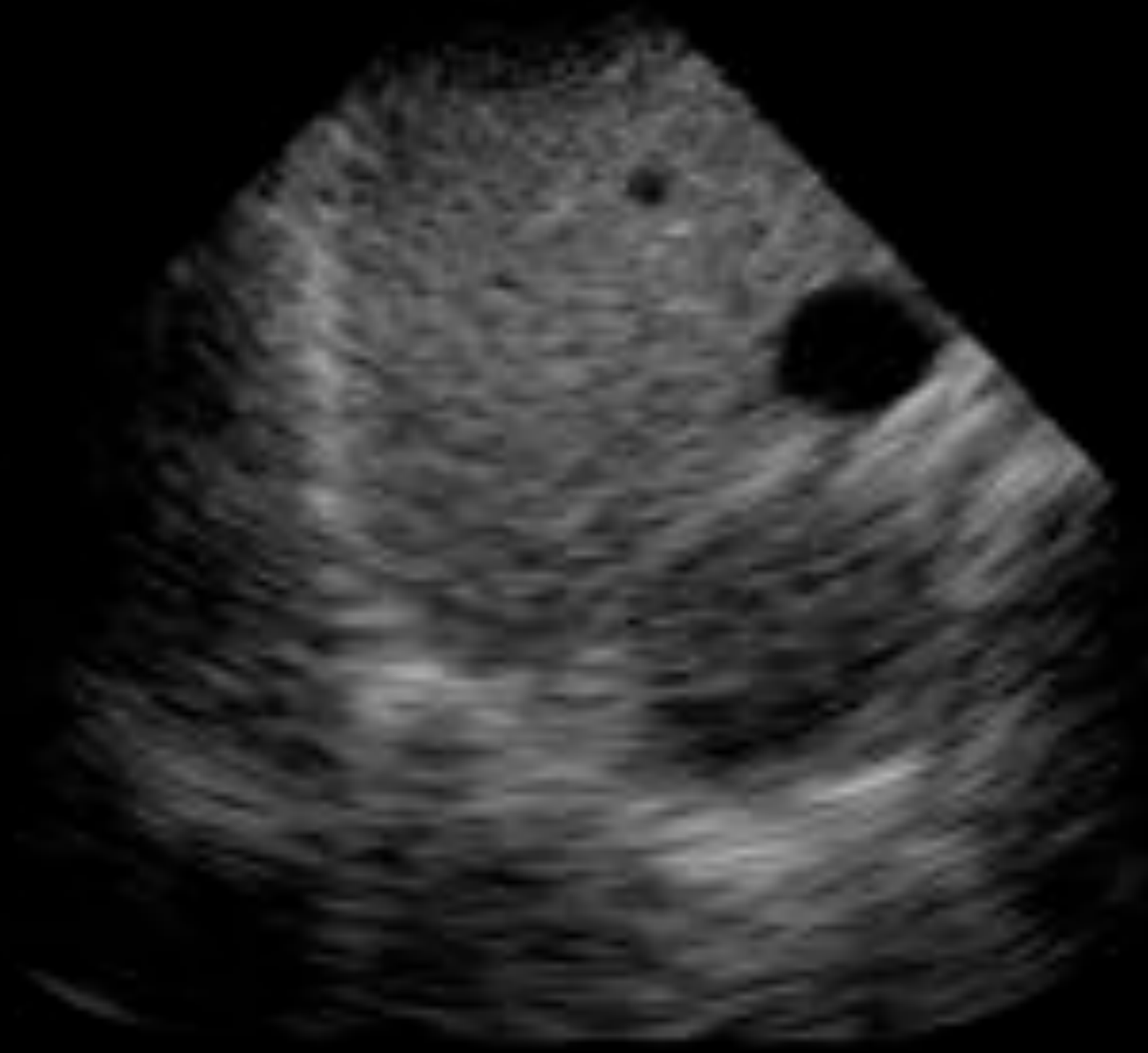


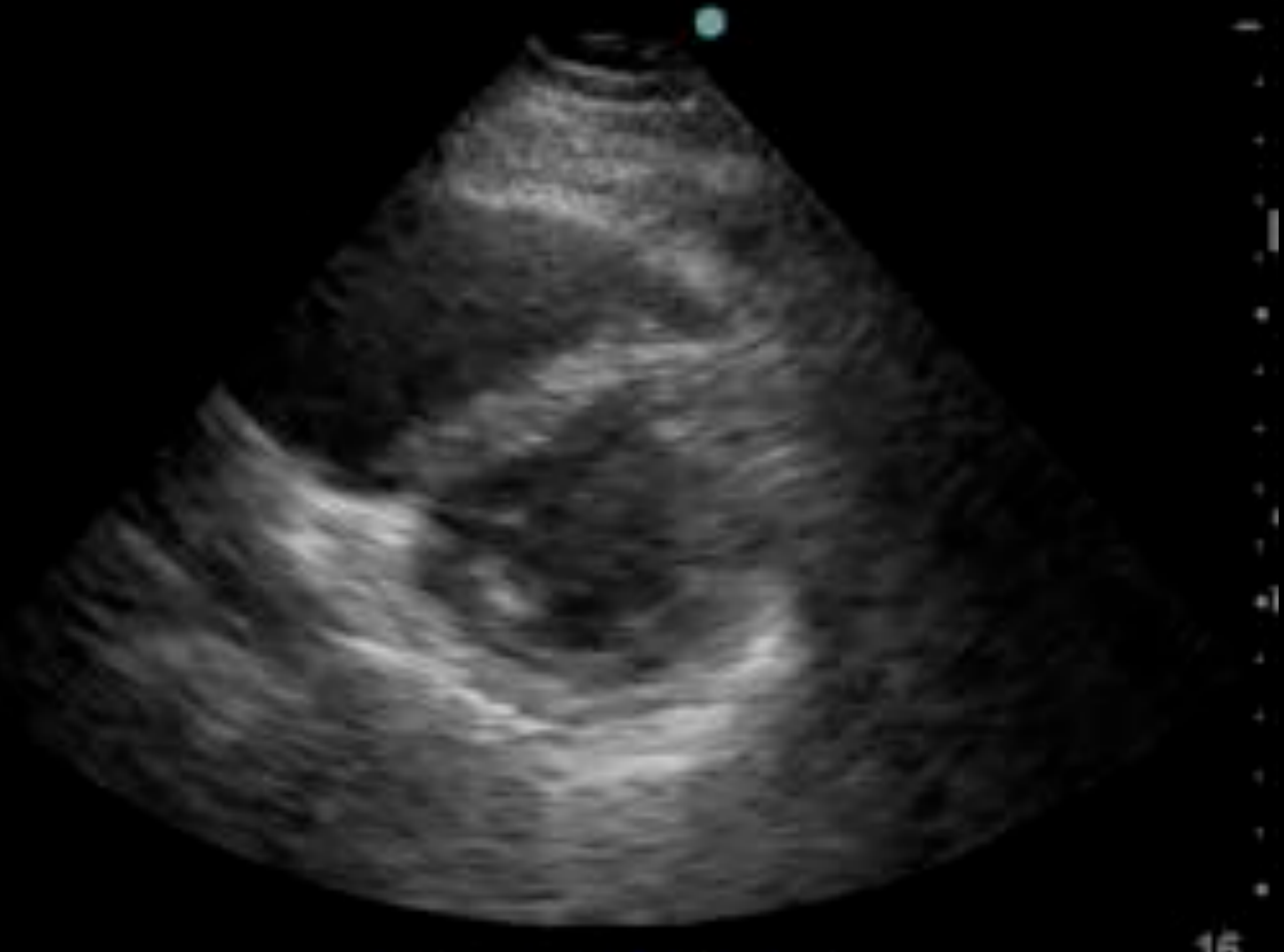
A
B

2.6

T

0
5
10
15







Gen THI
S

2013Feb16 20:53

Crd
P21



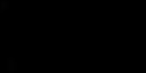
56%

MI

0.9

TIS

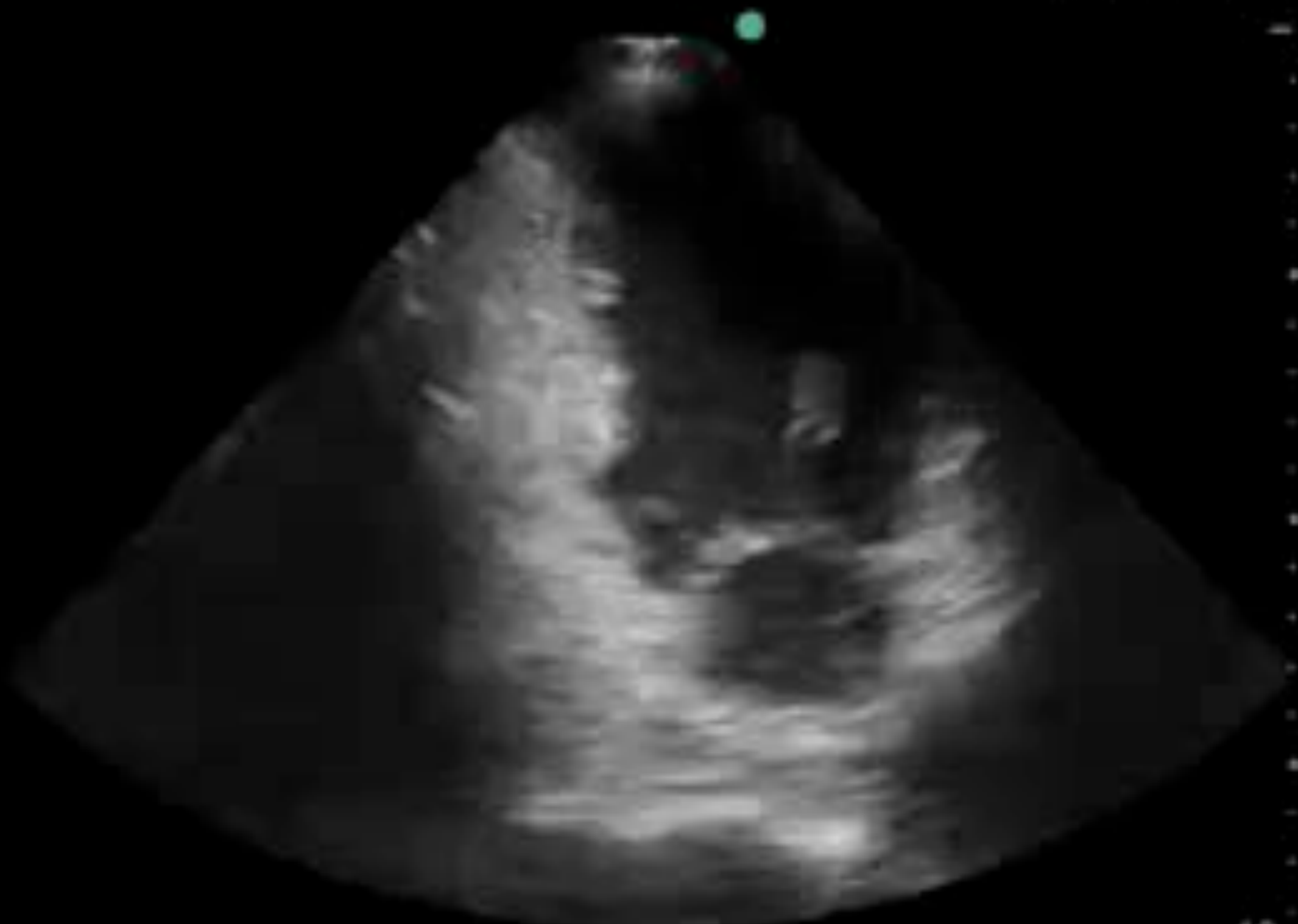
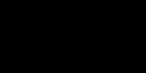
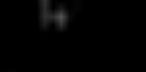
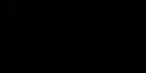
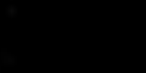
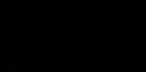
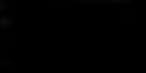
0.7



A



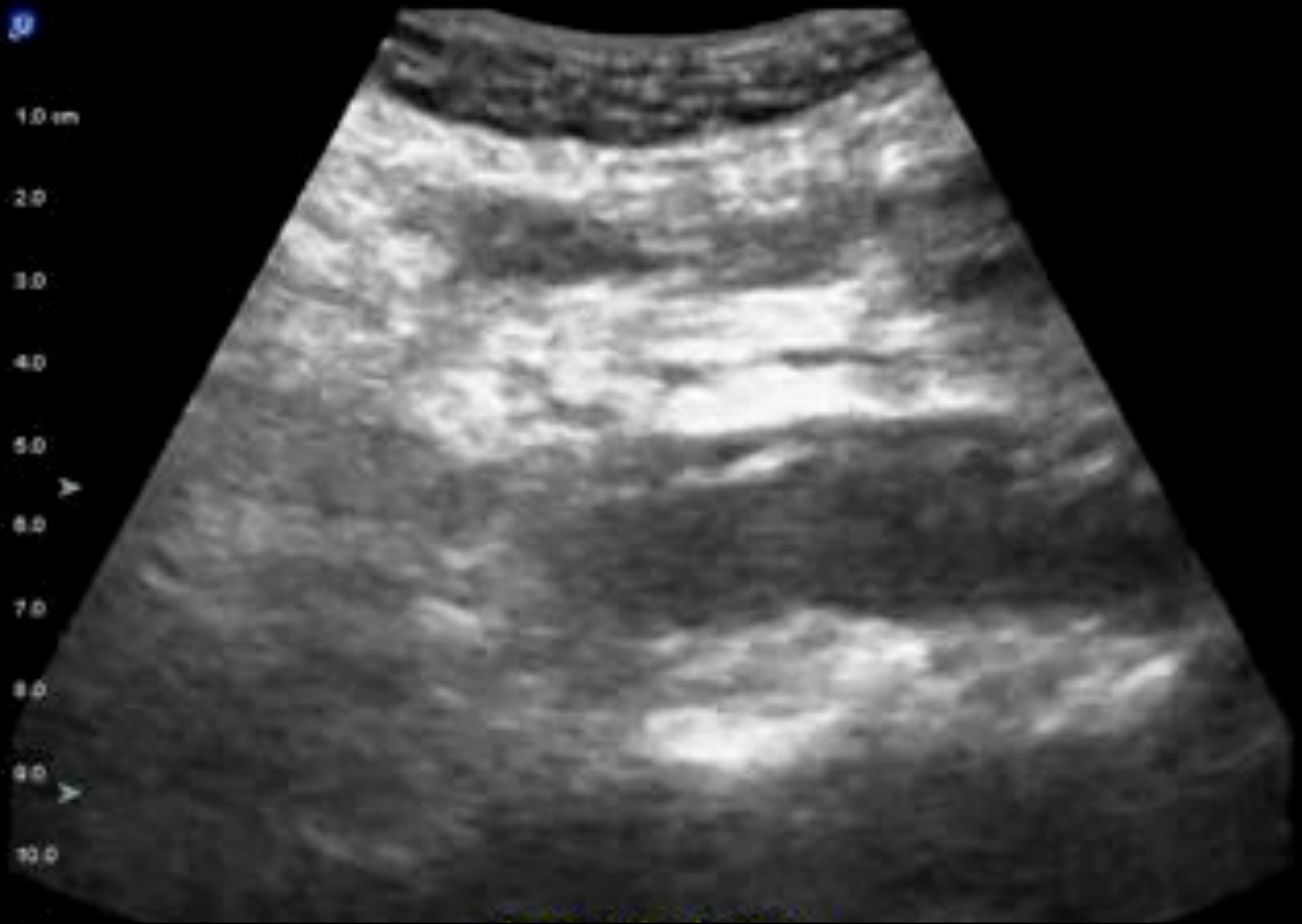
B



19





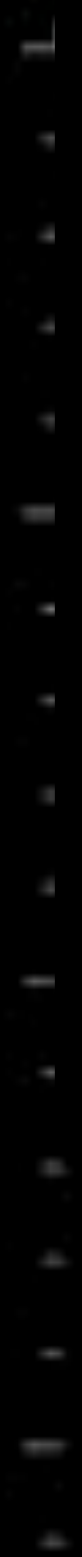
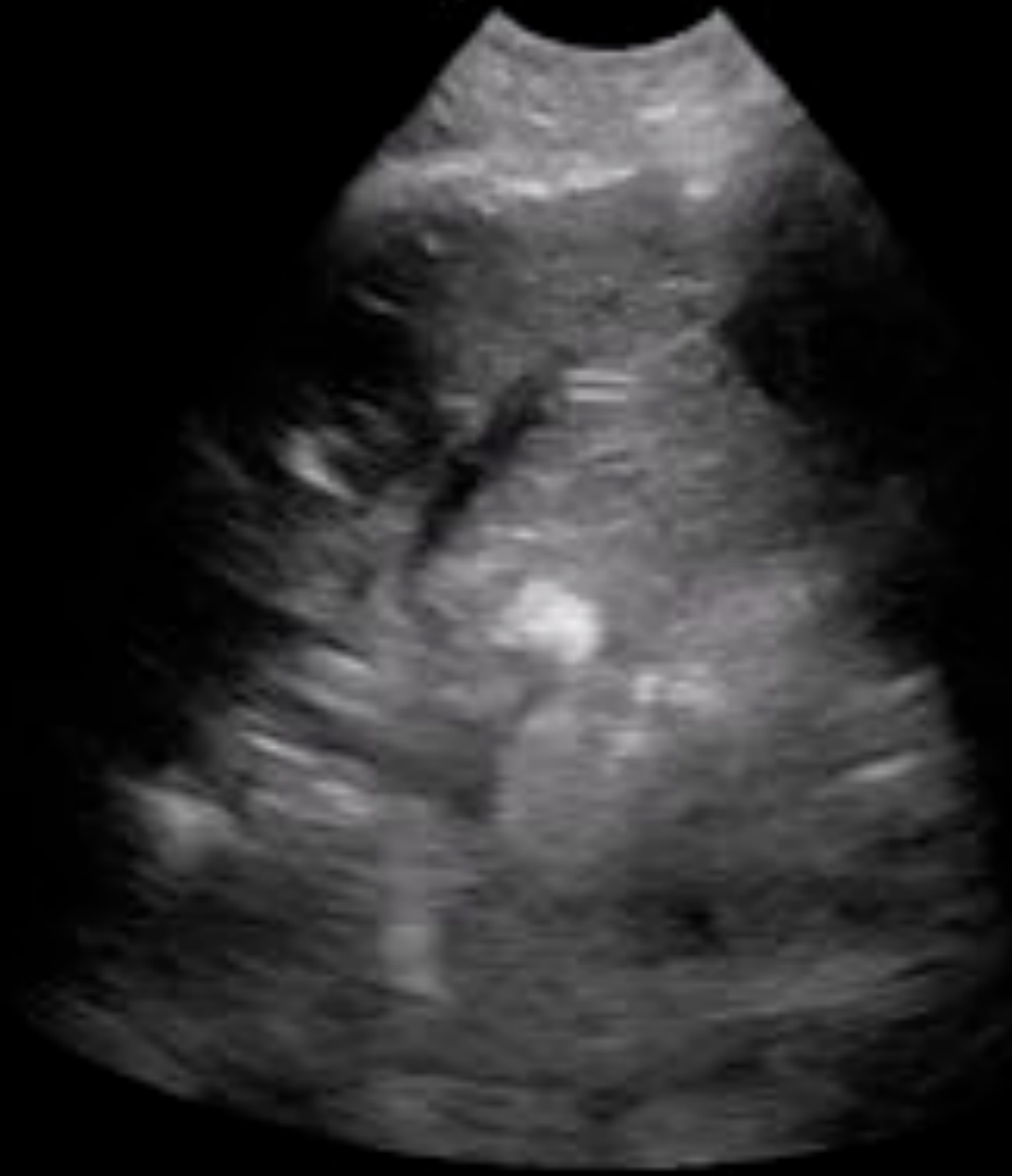




6.5

111

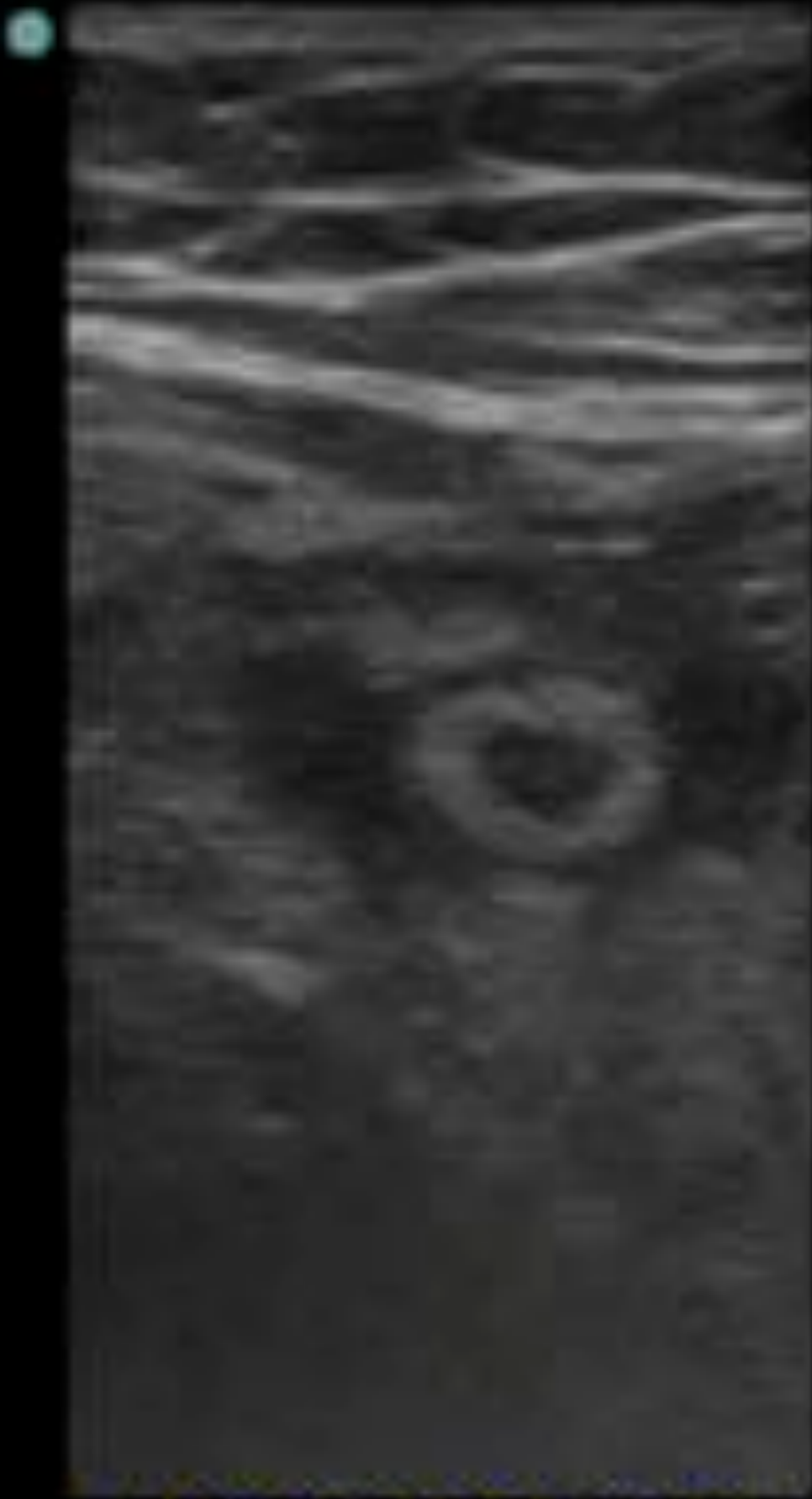
z



L|



13



RT|



3.1

