

Genç Meme Kanserlerinin tanı ve takibindeki zorluklar

Ali R. Sever

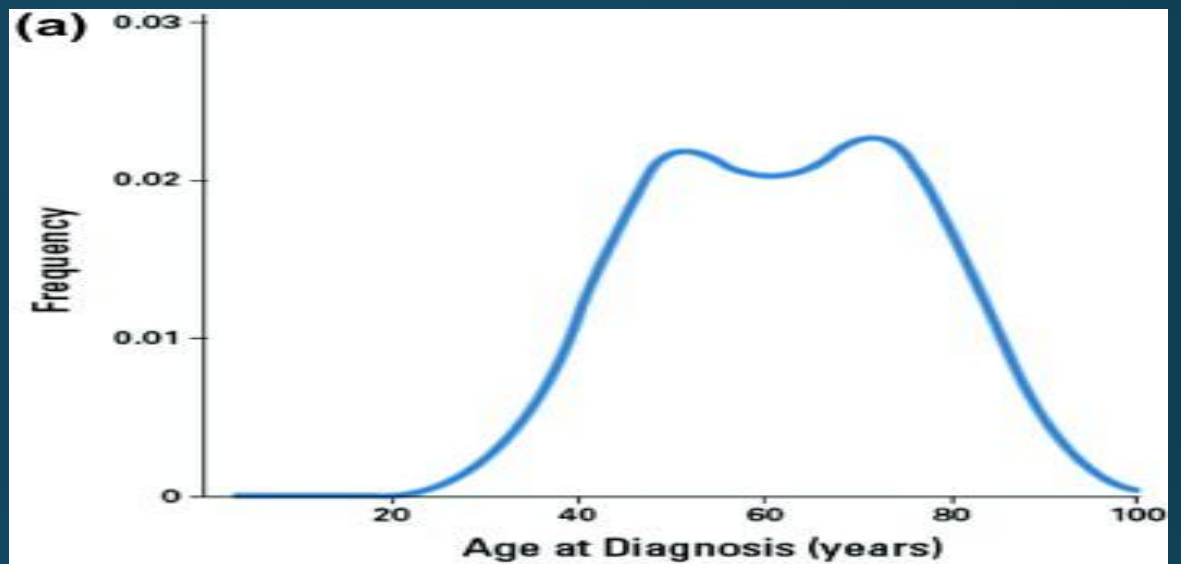
Genç yaş meme kanserleri

- Meme kanseri insidansı yaş ile artmaktadır
- yaklaşık % 6 <40 yaş
- <40 genç
- <35 çok genç

USA'da:

- Meme kanseri beyazlarda daha sık
- <35 afro-amerikanlarda 2 kat daha sık

Annual incidence of breast cancer according to age categories



(b)

Age	Annual incidence/100 000 women
<20	0.1
20-24	1.4
25-29	8.1
30-34	24.8
35-39	58.4
40-44	116.1
45-49	198.5

Tanısal problemler

- Tarama popülasyonunda mamografik dansite ve yaş ilişkisi
- 2012 AJR (Cristina M. Checka et. Al.)
- > 7000 mamografisi, 25- >80 yaş
- Dens meme dokusu:
 - 40 – 49 yaş %74
 - 50 – 59 yaş %57
 - 60 – 69 yaş %44
 - ≥ 70 yaş 36%
- < 40 yaş %19 yoğun değil

Genç yaş semptomlu hasta

- RCR guidelines:
 - Semptom (kitle, çekinti, meme başı akıntısı, fokal meme ağrısı)
 - 35 ve üzeri semptomlu hastalarda önce mamografi sonra US
 - 35 yaş altı semptomlu hastalarda sadece US
(malignite şüphesi yüksek ise mamografi)
- Biyopsi veya MRG

Genç yaş semptomsuz kadın

NICE, ACS, EUSOMA (The European Society of Breast Cancer Specialists) guidelines:

- 40 yaş altı kendi meme muayenesi ve/veya klinik meme muayenesi
- Ortalama riskli kadınlara tarama önerilmiyor.

Risk kategorileri

- SEER data:
- Ortalama hayat boyu meme kanseri riski (80 yaşına) %12.5
- Near population risk < %15 (NICE=%17)
- Moderate risk %20-30
 - 40-49 mamografi veya MRG
- High risk \geq %30
 - 30-49 MRG veya mamografi

MRG taraması önerilmeyenler

ACS ve EUSOMA Guidelines

- Hayat boyu risk %15-20 arası
- LCIS, ALH
- ADH
- Mamografide dens meme dokusu
- İnvaziv veya insitu duktal karsinom (personal history)

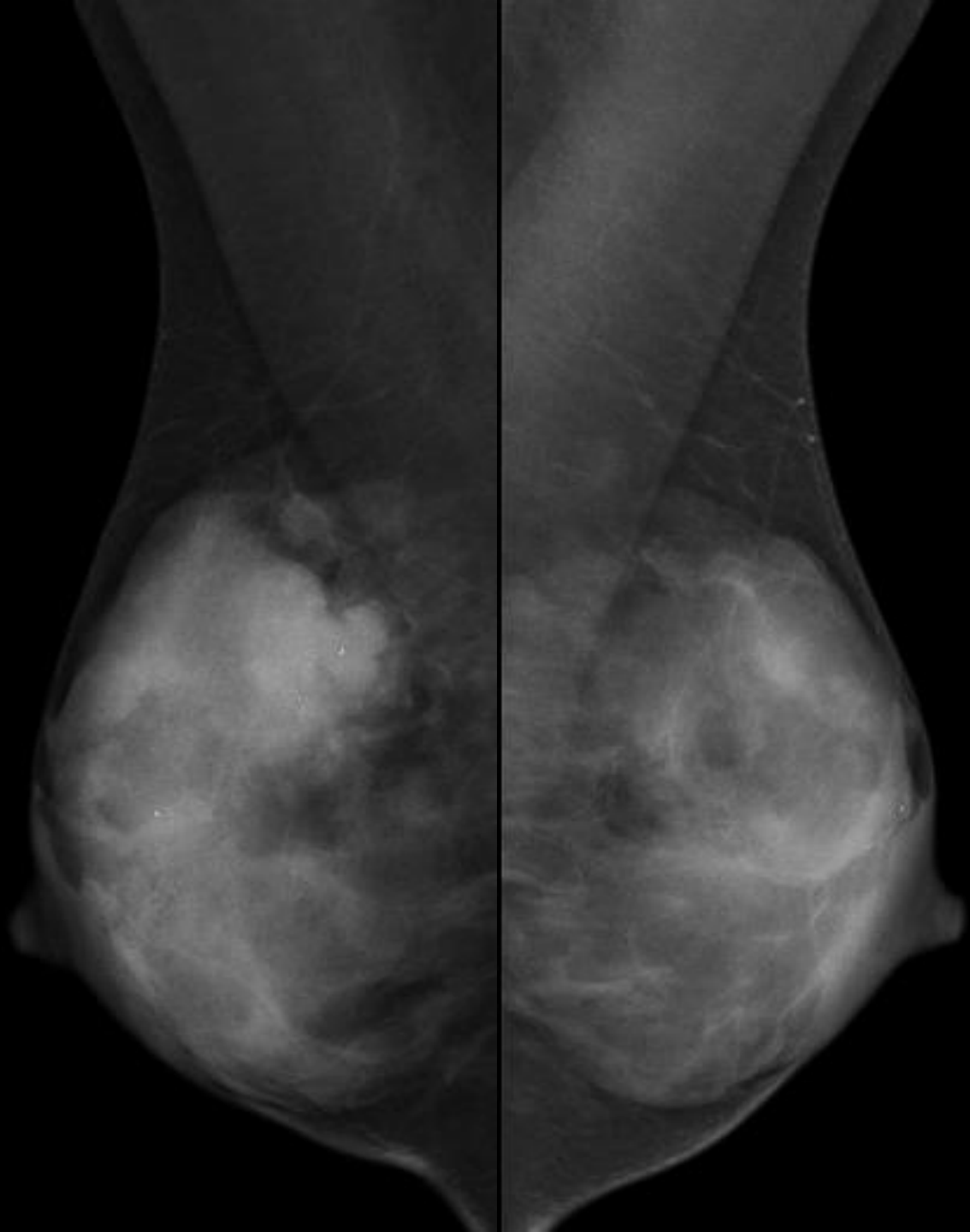
MARIBS study (lancet 2005)

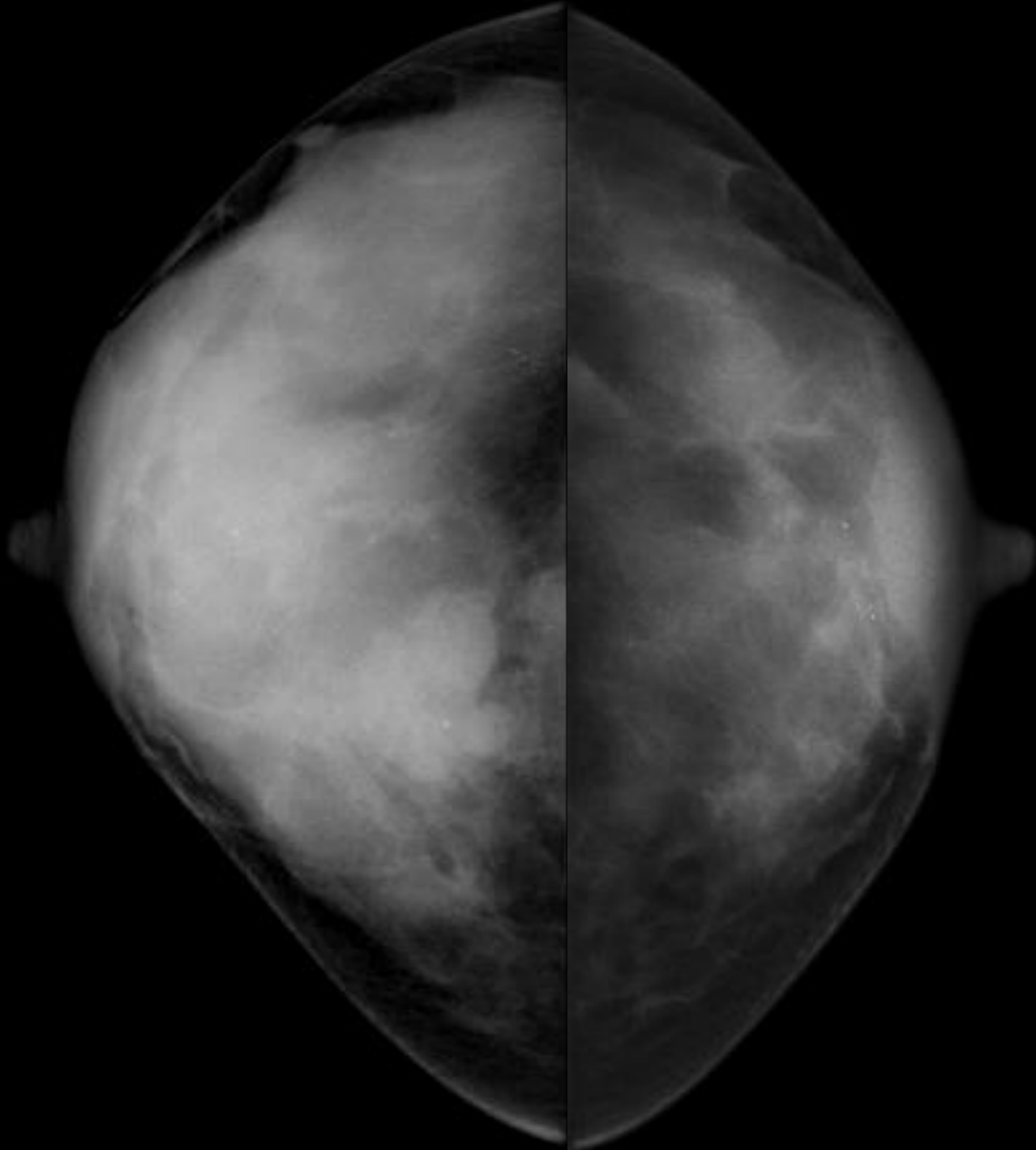
- 649 hasta MRG ve mamografi karşılaştırılmış
- 35 kanser vakası
 - 19 sadece MRG
 - 6 sadece mamografi
 - 8 her ikisi
 - 2 interval
- MRG %77 sens, %81 spec
- Mamografi %40 sens, %93 spec

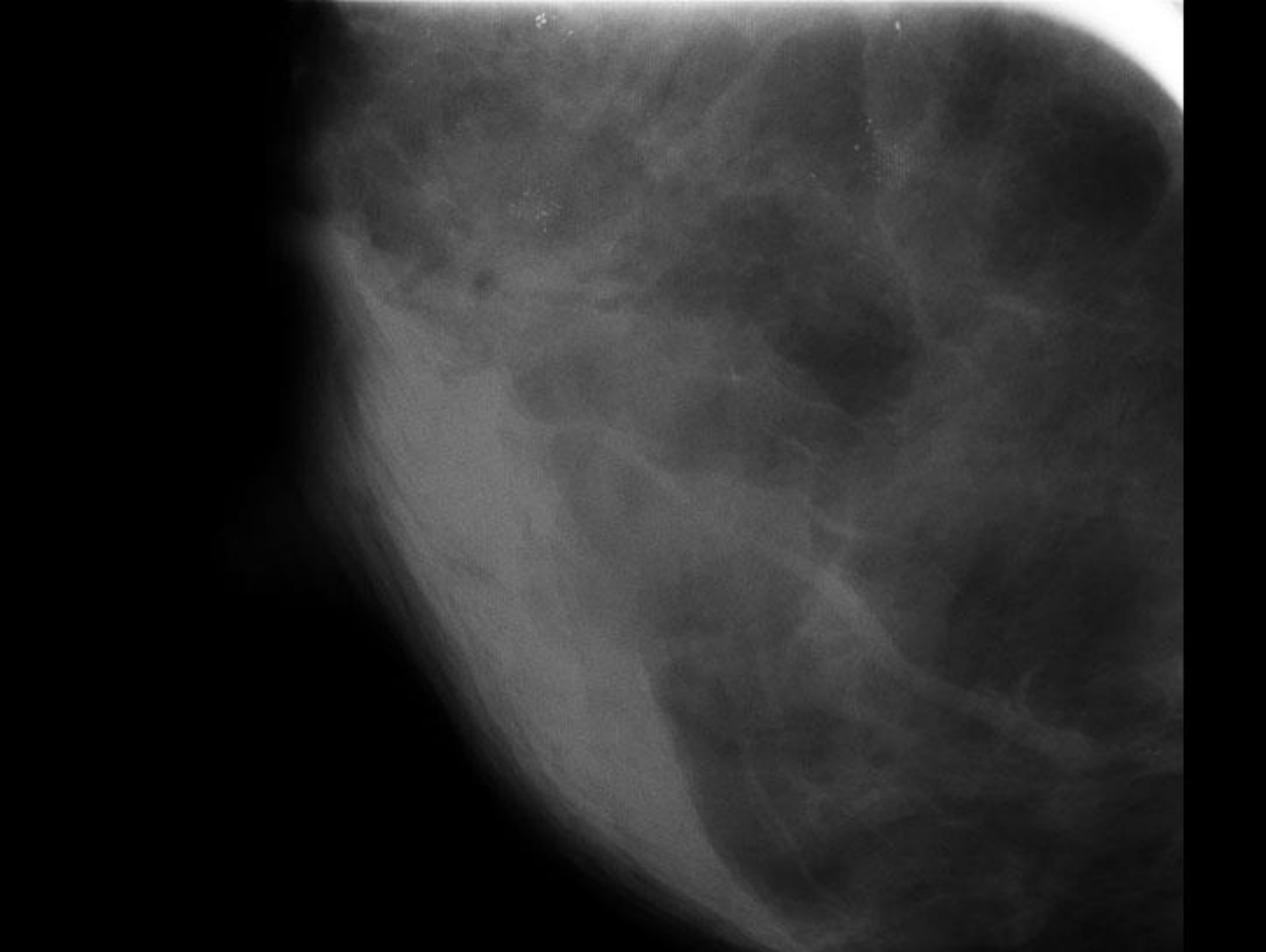
Vakalar

F. E. 27 yaş

sağ memede kitle



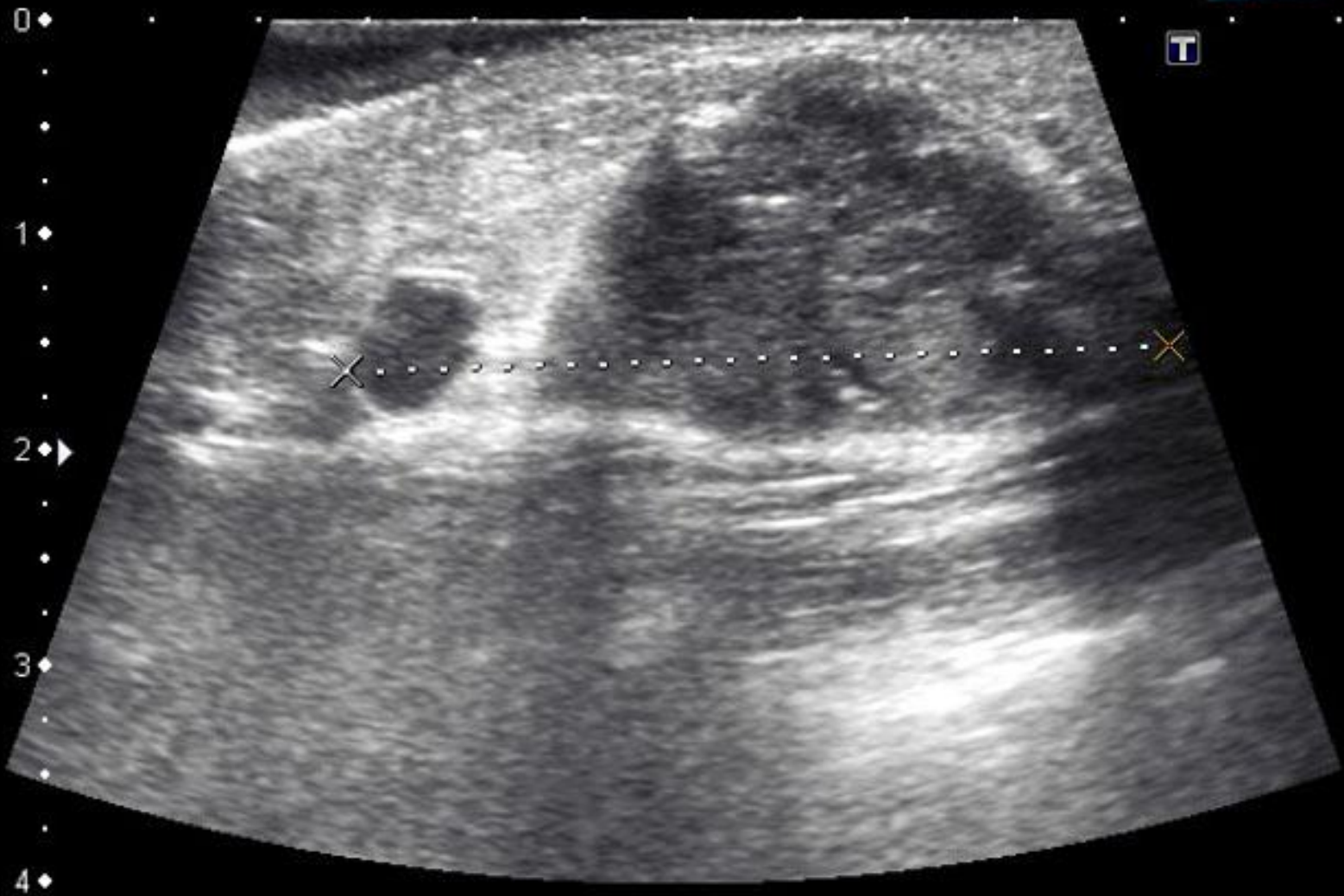




APure



R12



0 ♦
1 ♦
2 ♦
3 ♦
4 ♦

T

MI: (0.8)
2DG
88
DR
55

18LX7
diffT13.0
23 fps

Dist A 38.1 mm

aPure

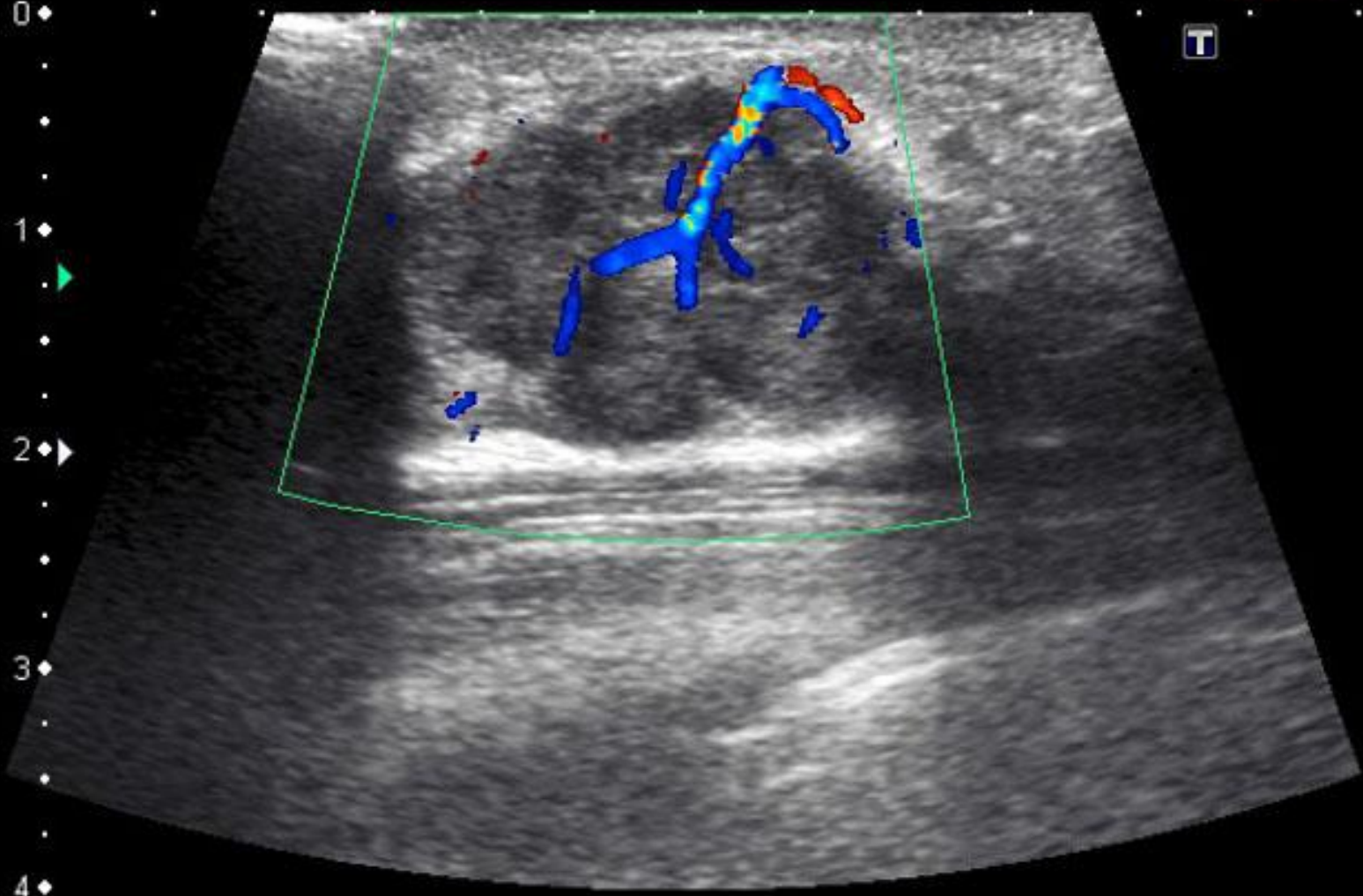
T



0
1
2
3
4

MI: (0.9)
2DG
88
DR
55
CG
45
PRF
15.6k
Filter
5

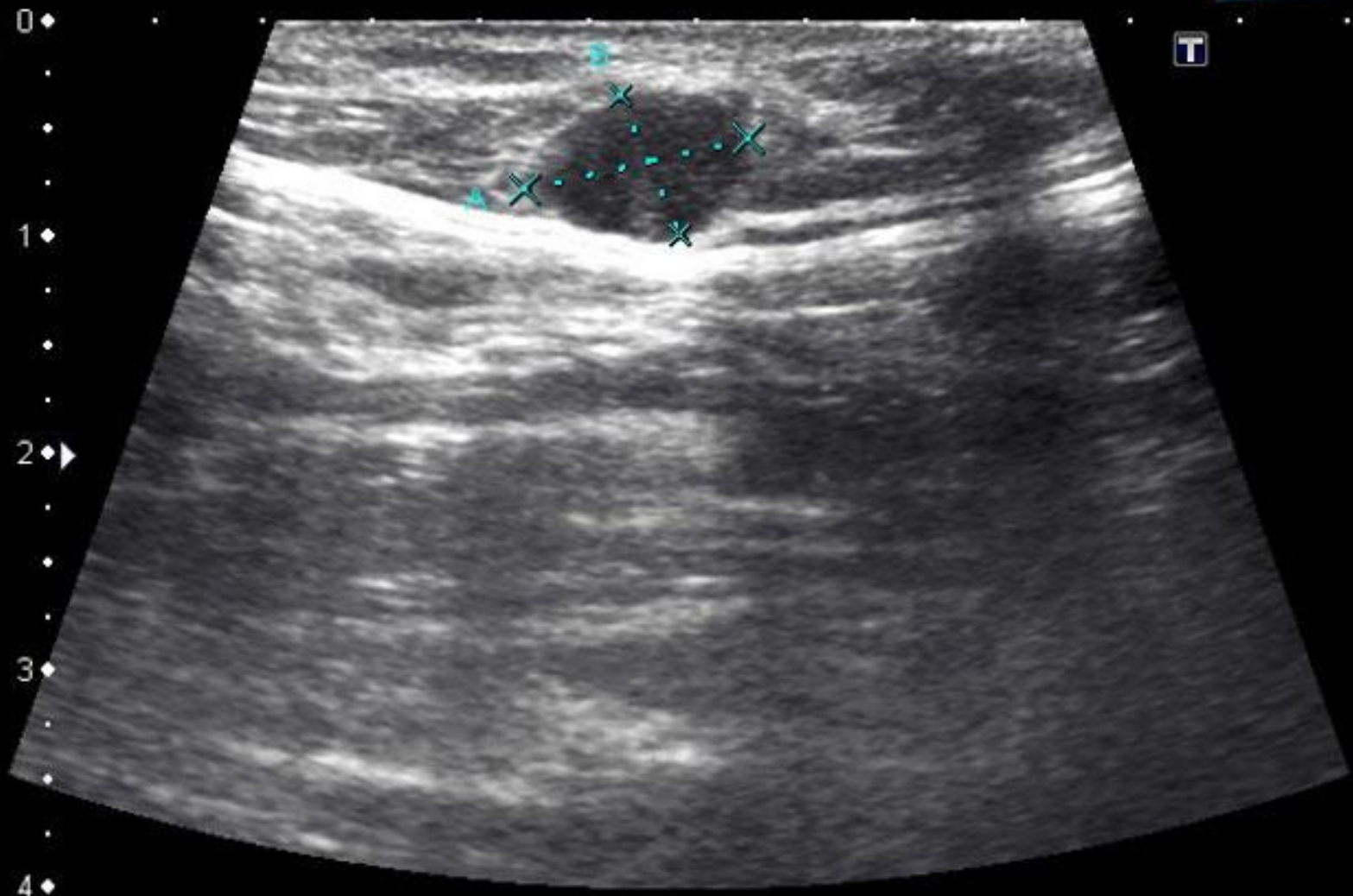
18LX7
diffT13.0
CF 6.1
9 fps



APure

T

RAXI



MI: (0.8)
2DG
88
DR
55

18LX7
diffT13.0
23 fps

Dist A	10.6 mm	Dist B	7.0 mm		
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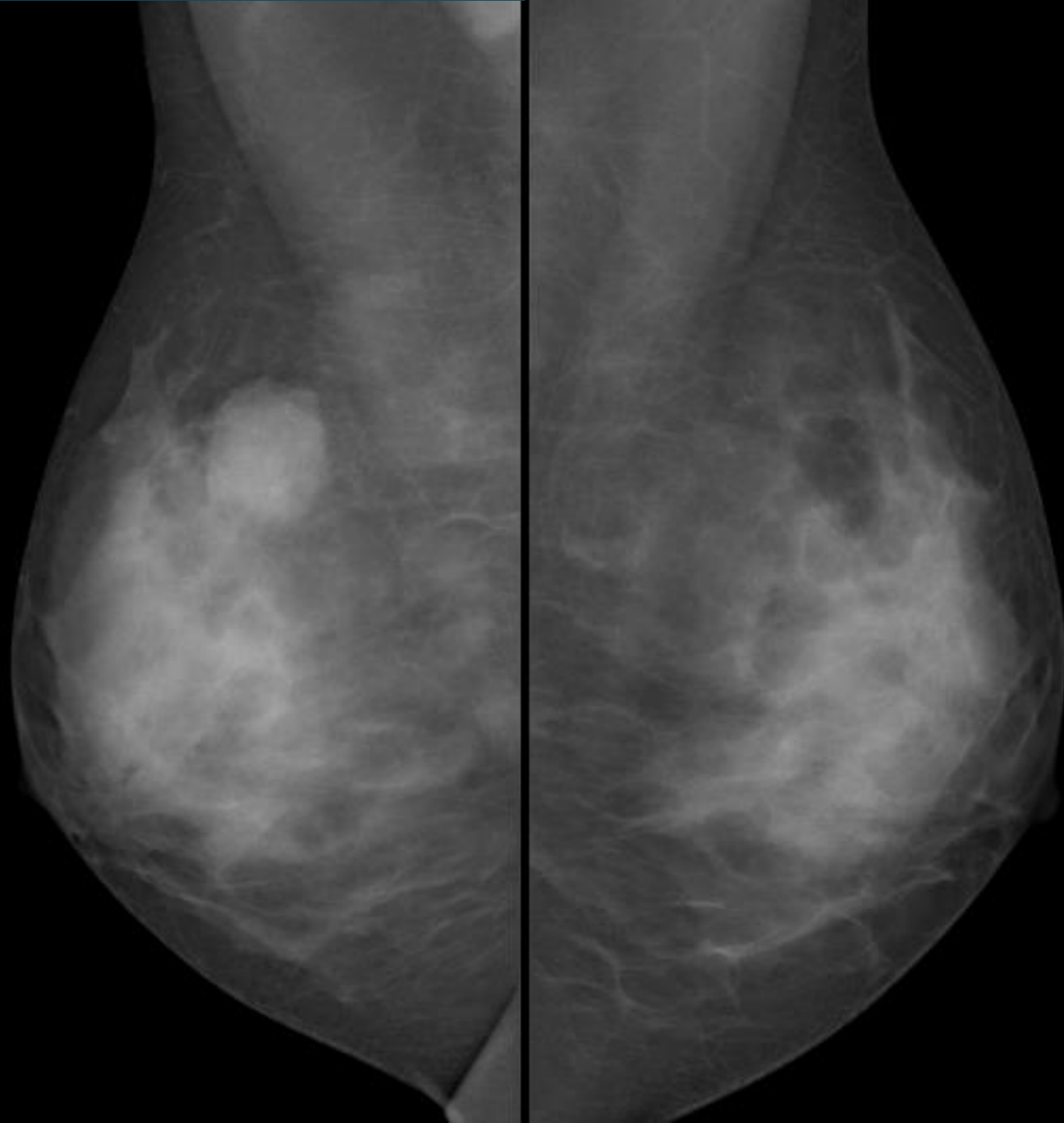
Biyopsi: IDC Gr 3 ve DCIS Gr 3

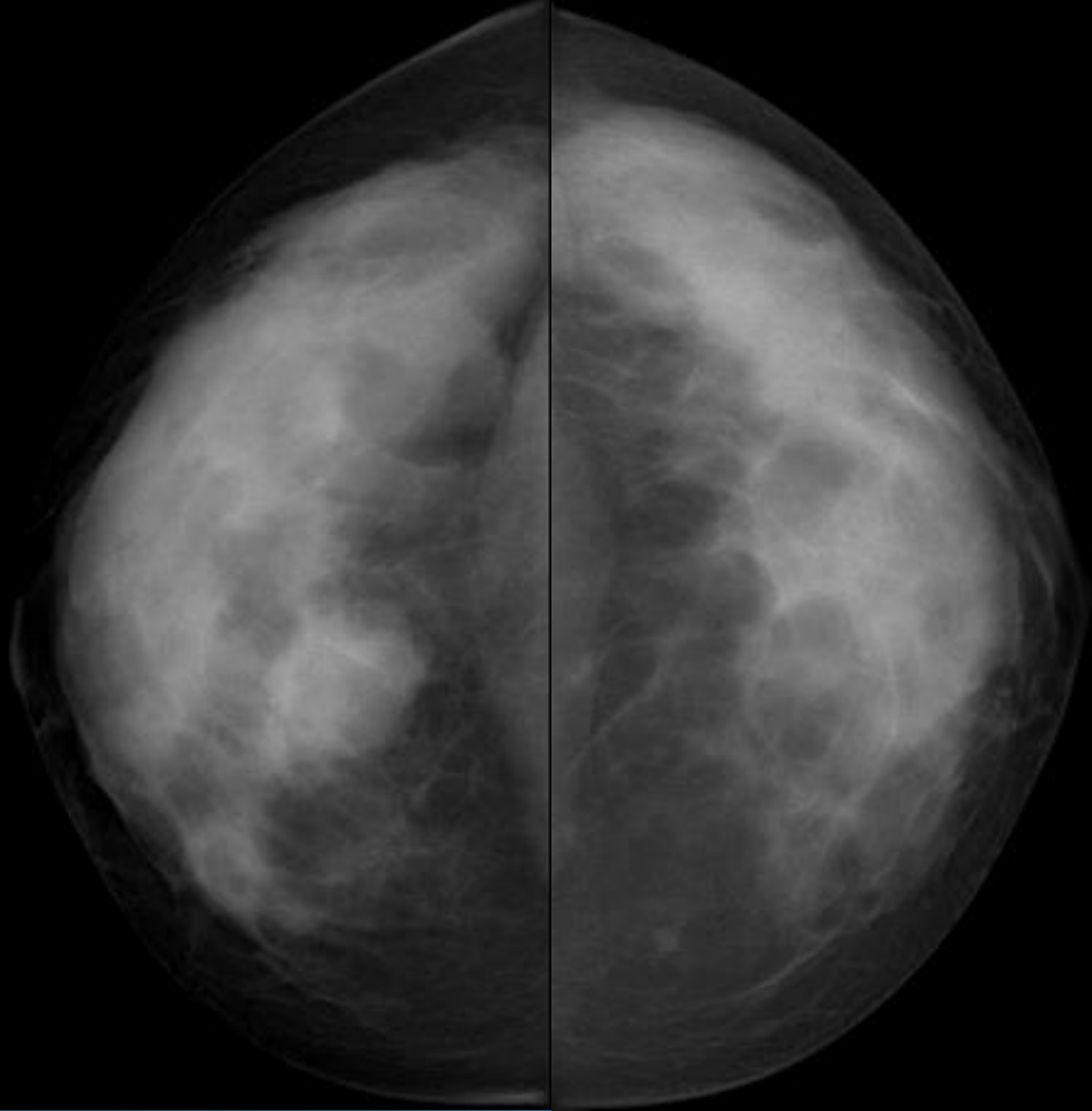
Postop: invaziv komponent 26mm

T.G.

27 yaş

sağ memede kitle



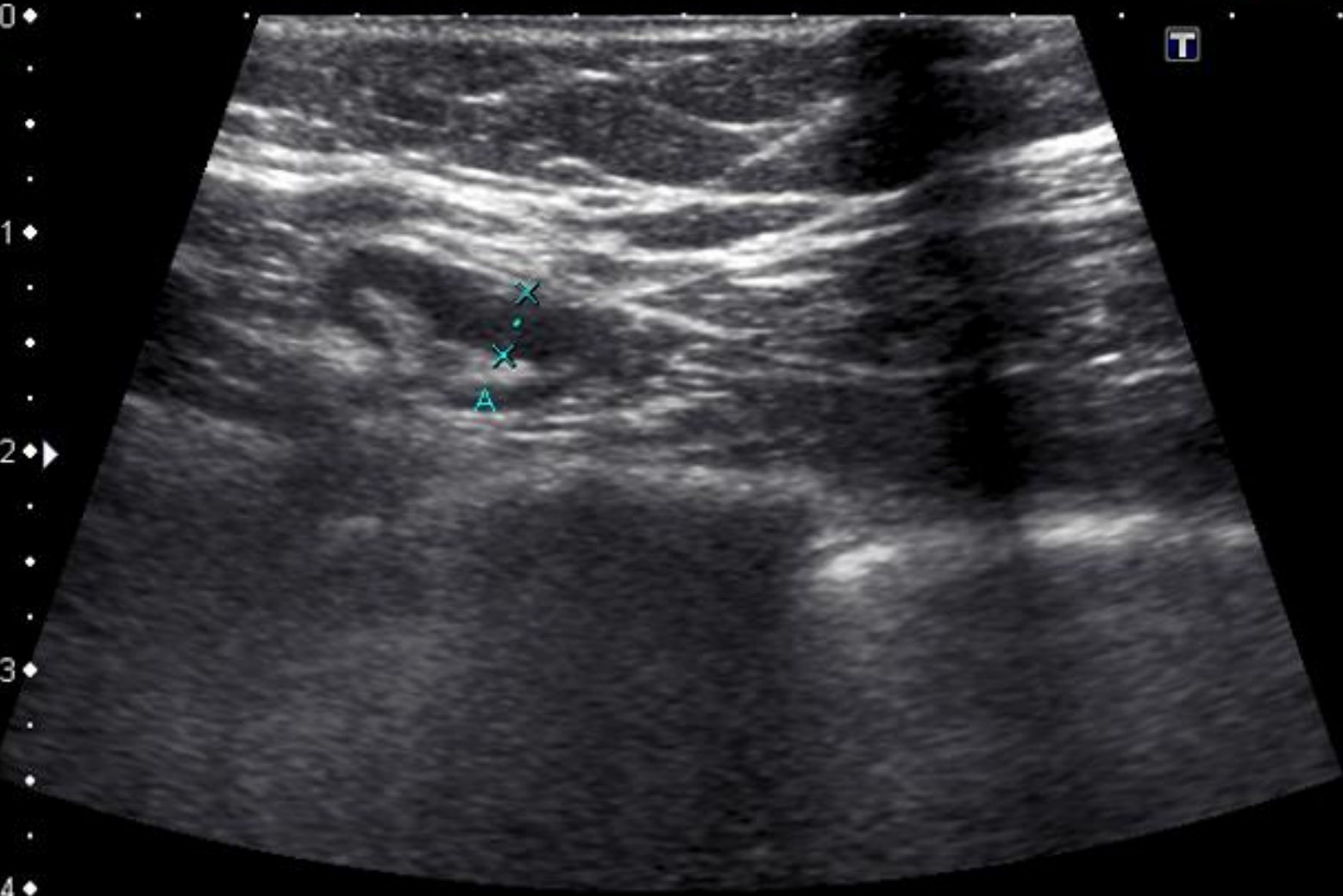


APure



RAX

0
1
2
3
4



MI: (0.8)
2DG
83
DR
55

18LX7
diffT13.0
23 fps

Dist A	3.0 mm		
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APure

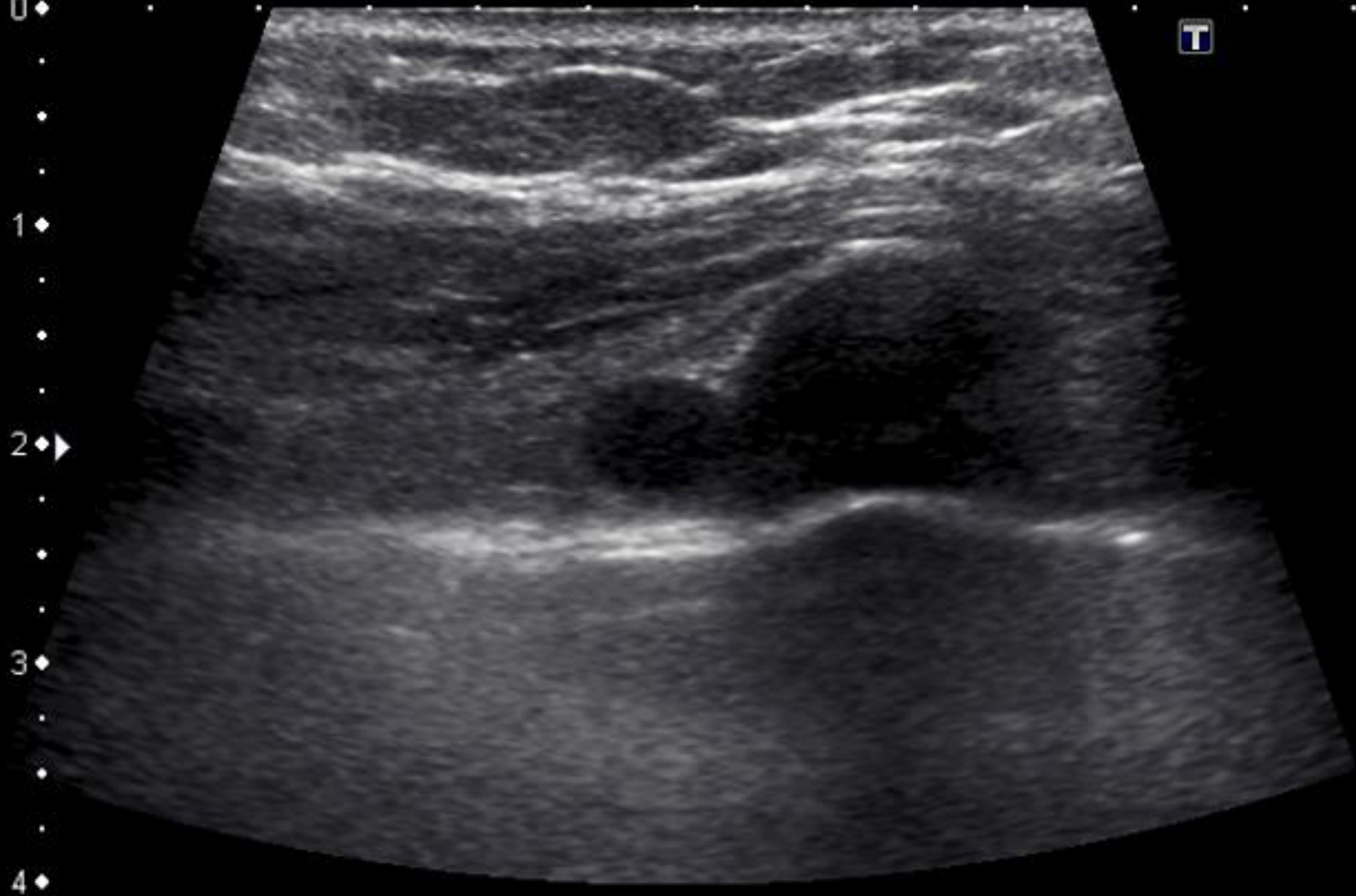
T

R1
6CM

0
1
2
3
4

MI: (0.8)
2DG
83
DR
55

18LX7
diffT13.0
23 fps



#656
A 2 IP6

08-Nov-1988

23-Jun-2015

123

09:51:19

10:10:13

Primary

R

L

Zoom: 1.0
RP-31.1

W: 1910
C: 742
TR: 4.9



08-Nov-1988

23-Jun-2015

12

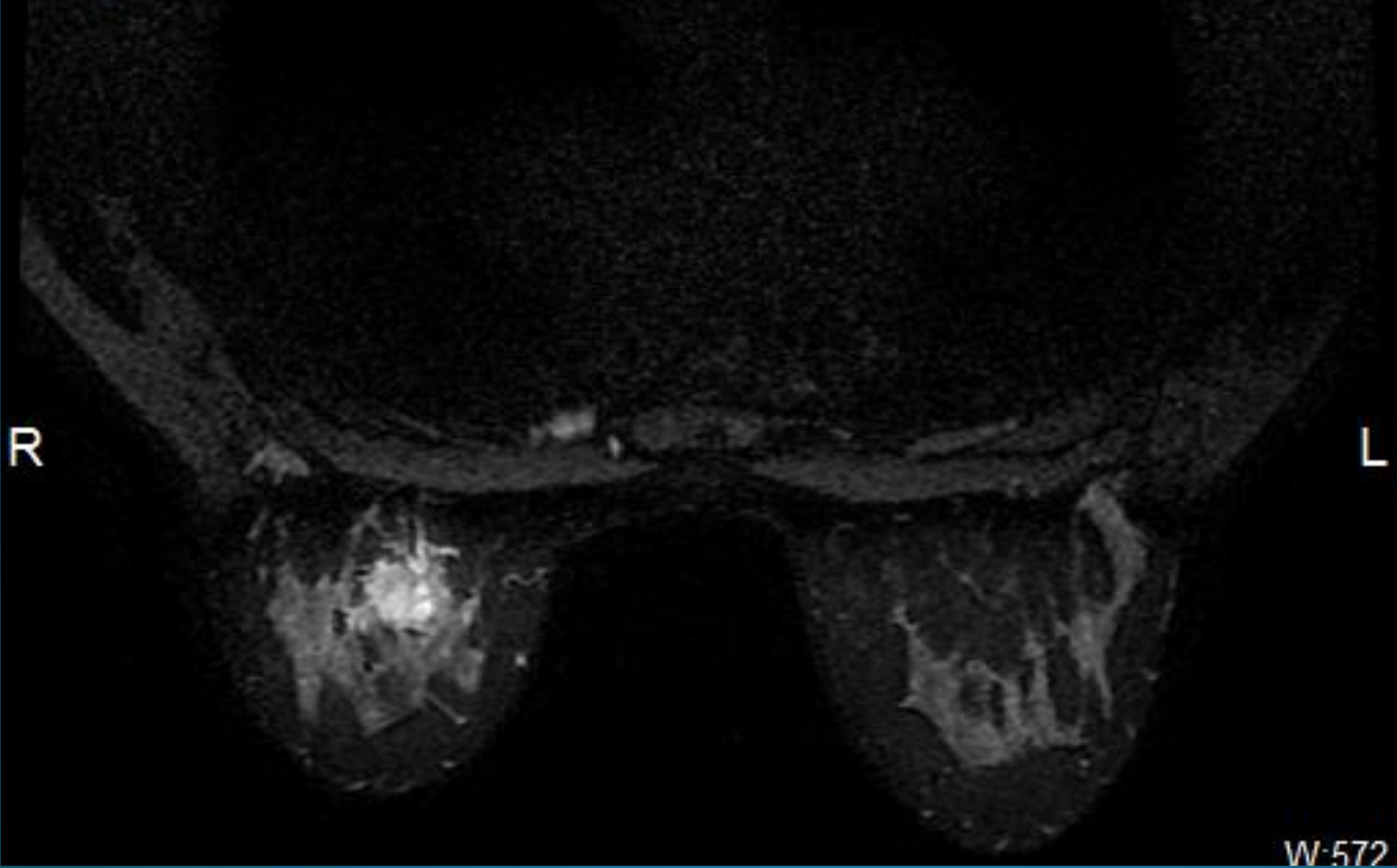
09:51:19

09:59:21

Primary

R

L



W-572

Neoadjuvant kemoterapi

APure

T

0 ◆
 1 ◆
 2 ◆ ▶
 3 ◆
 4 ◆

18LX7
 diffT13.0
 23 fps

MI: (0.8)
 2DG
 83
 DR
 55

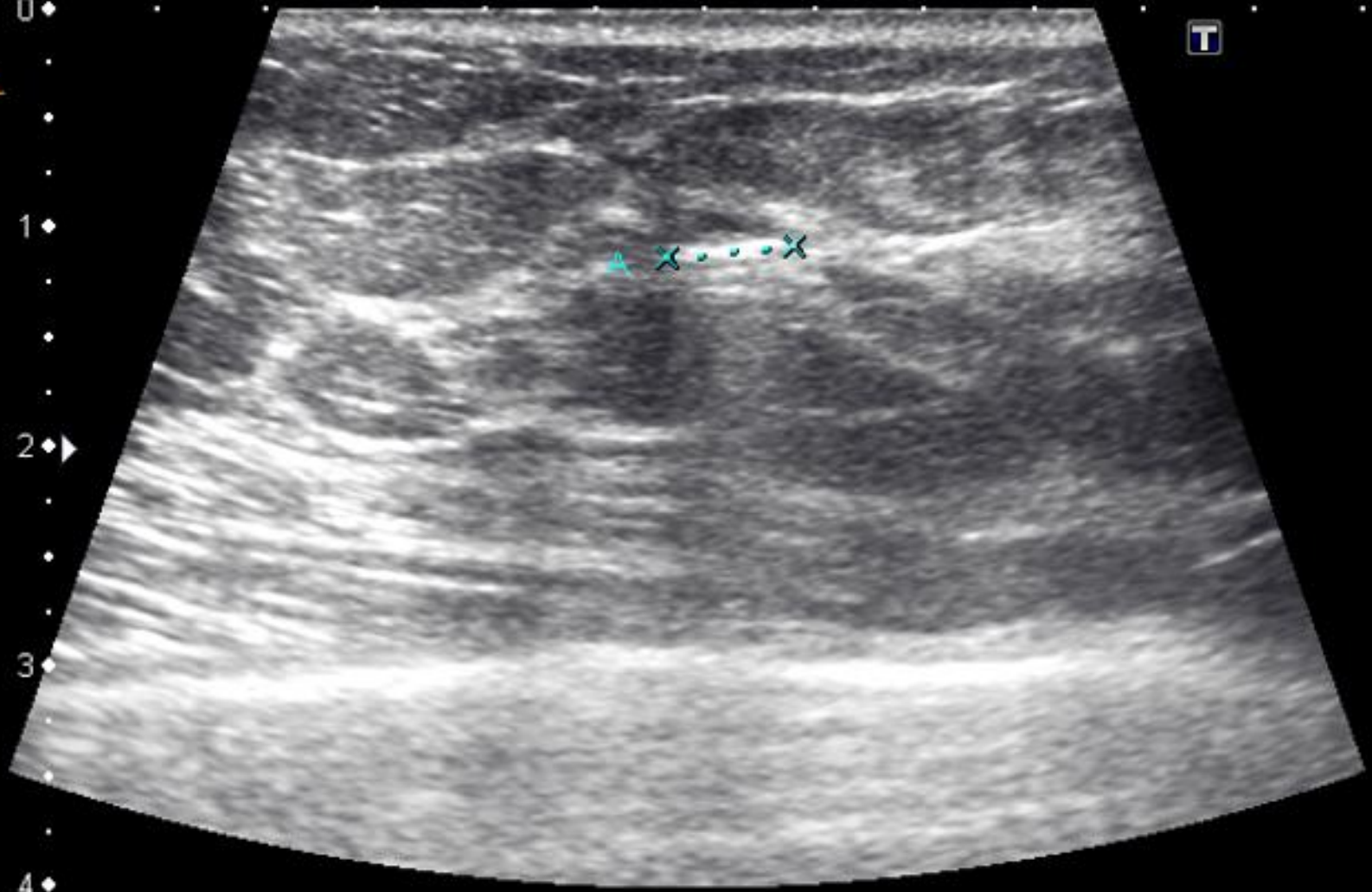
Dist A	16.4 mm	Dist B	6.7 mm
--------	---------	--------	--------

aPure

T

R12
6CM

0
1
2
3
4



MI: (0.8)
2DG
83
DR
55

18LX7
diffT13.0
23 fps

Dist A 5.8 mm

Neoadjuvant tedavisi sürüyor

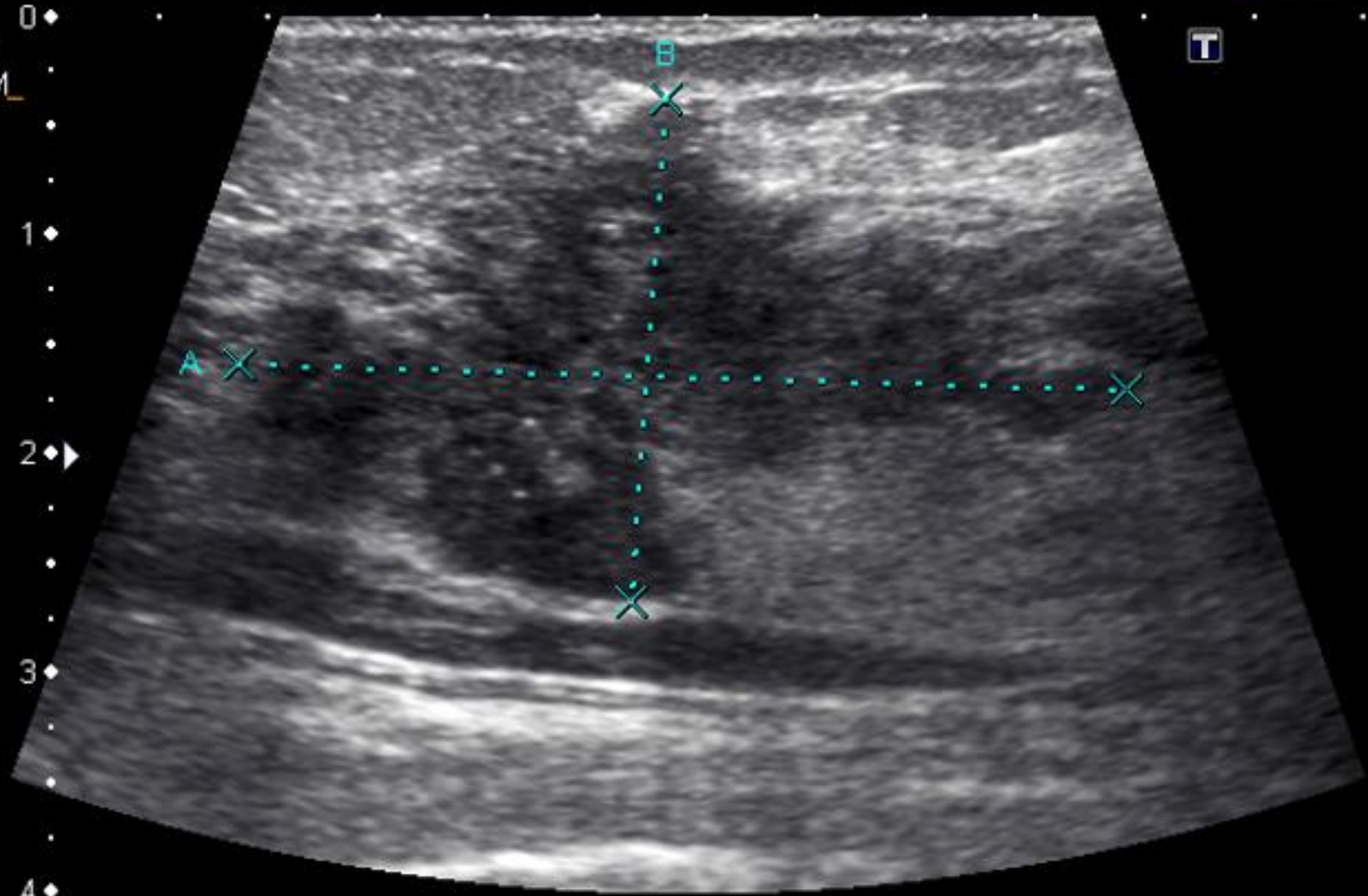
Ö.İ.

33 yaş

sağ memede kitle

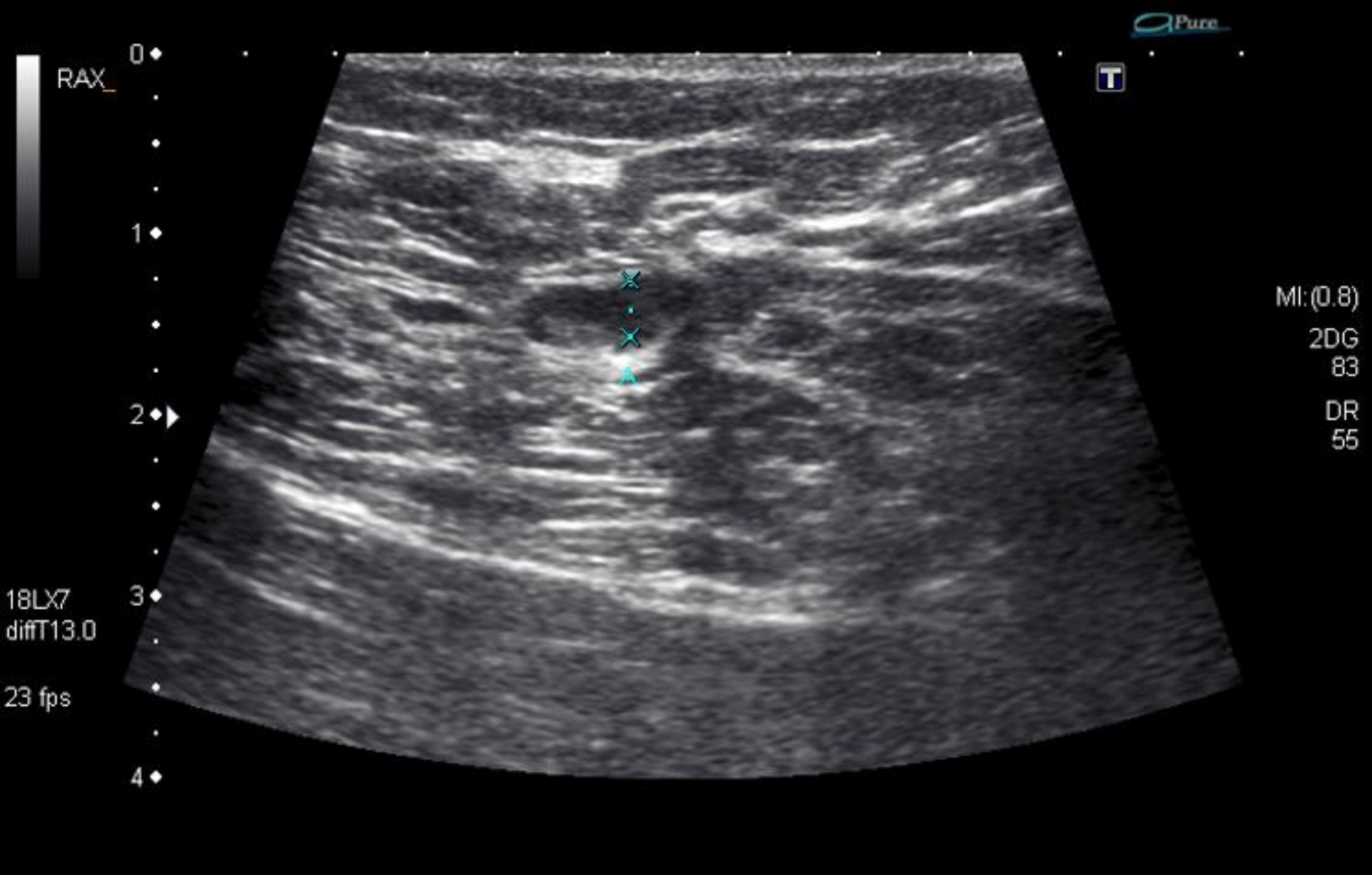
APure

R1°
10CM
0
1
2
3
4



MI: (0.8)
2DG
83
DR
55

Dist A	40.5 mm	Dist B	23.0 mm		
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Dist A 3.2 mm

aPure

T

RAX

0

1

2

3

4

MI:(0.8)

2DG

83

DR

55

18LX7
diffT13.0

23 fps



#218

16-Jul-1981

20-Nov-2014

113

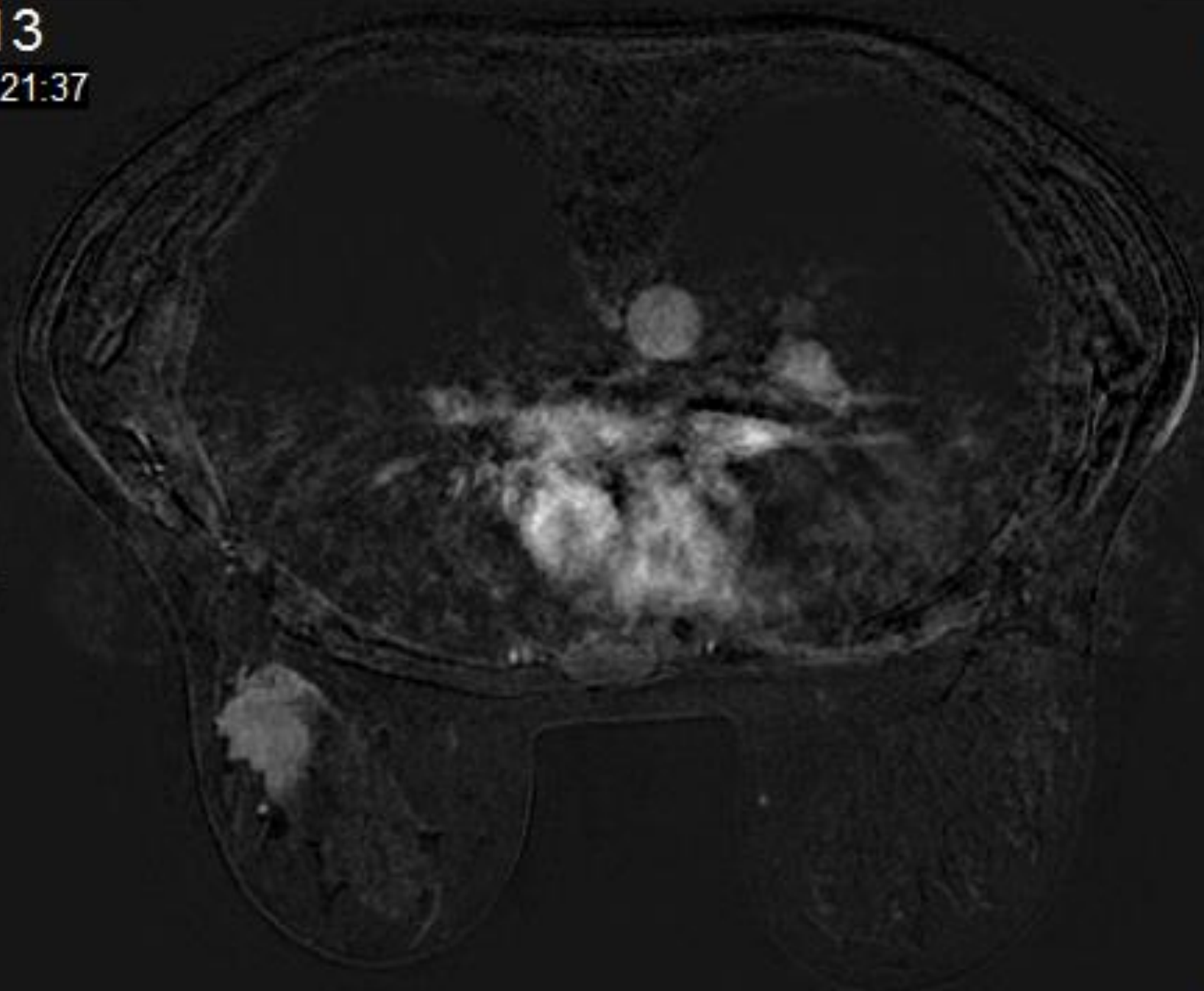
08:58:58

09:21:37

Primary

R

L



W:2024

16-Jul-1981

58

09:21:37

20-Nov-2014

08:58:58

Primary

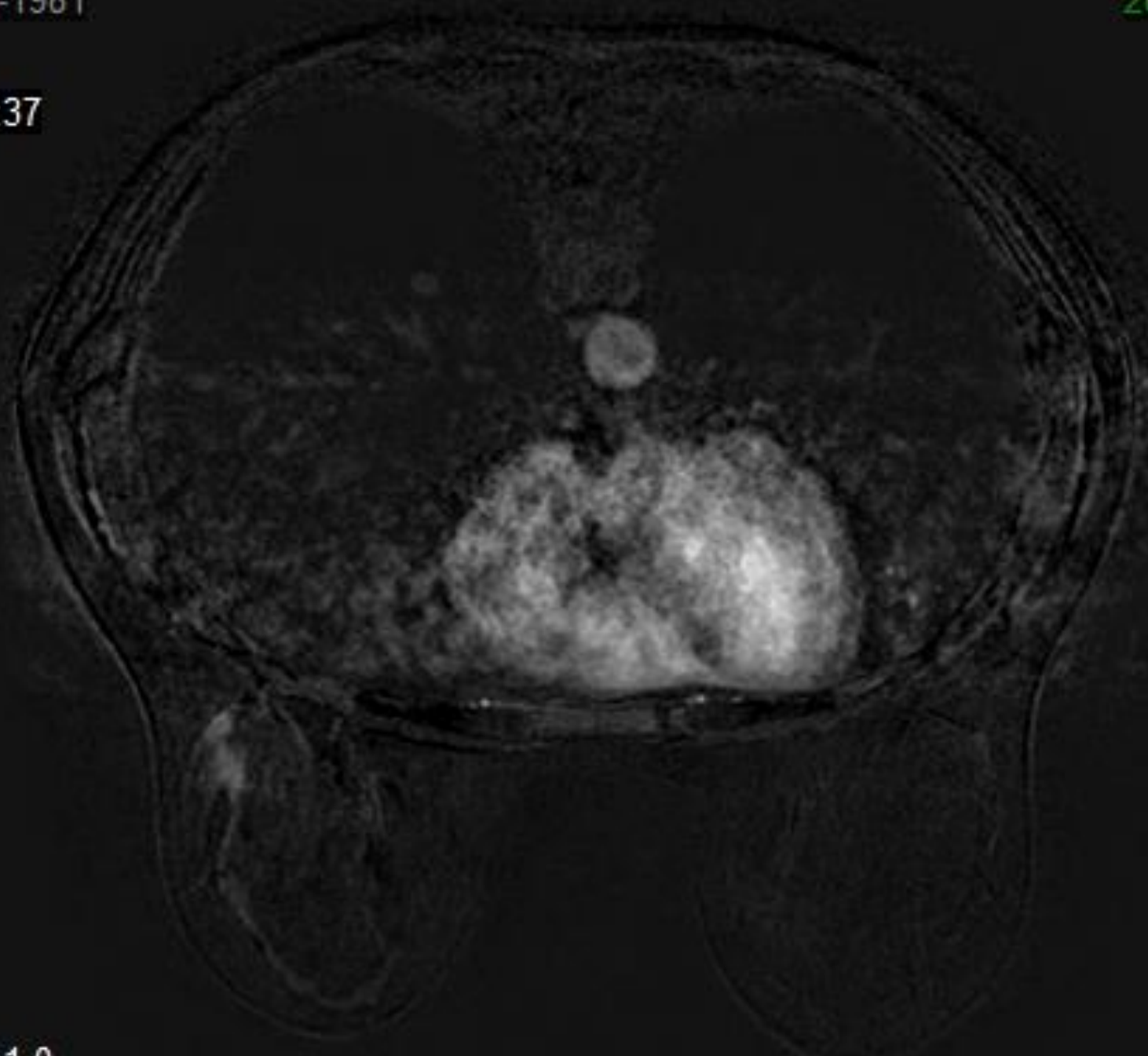
R

L

W:1986

C:011

7:00:10



APure

T

R8
9CM_

0 ◆

1 ◆

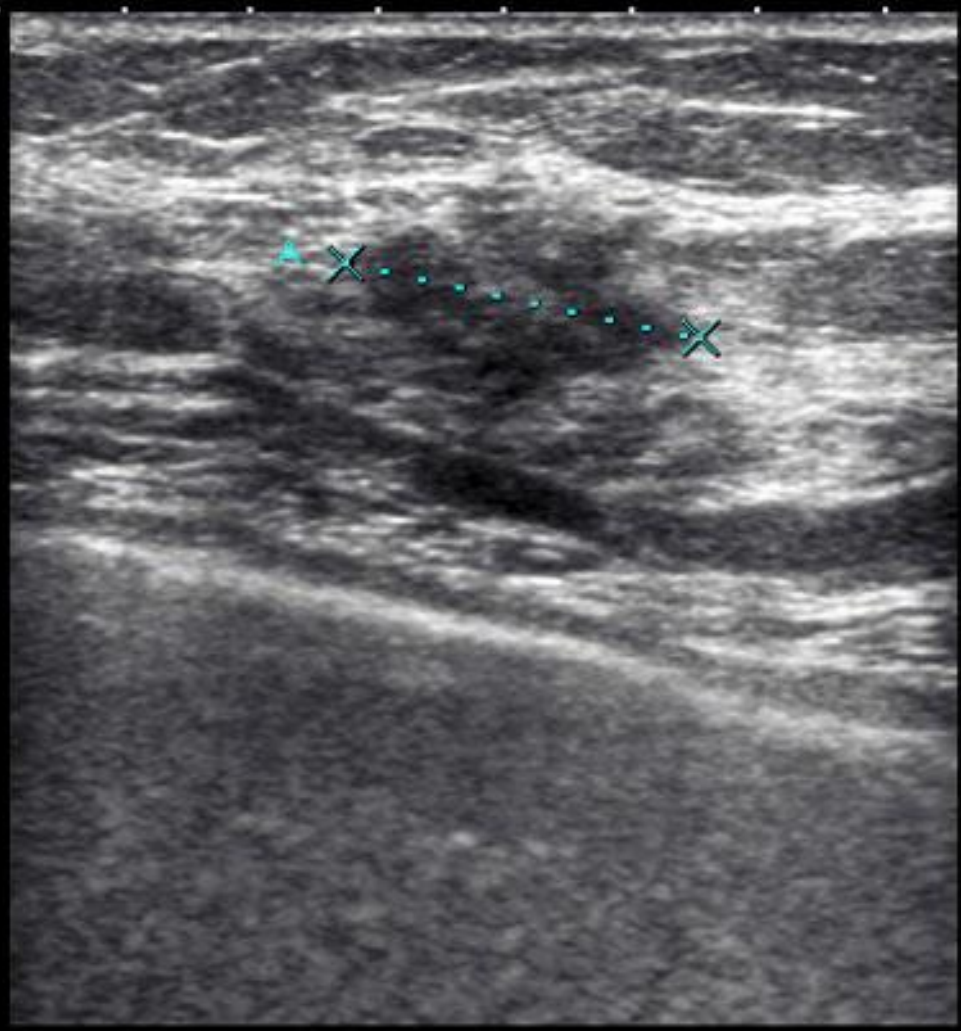
2 ◆ ▶

3 ◆

4 ◆

18LX7
diffT13.0

24 fps



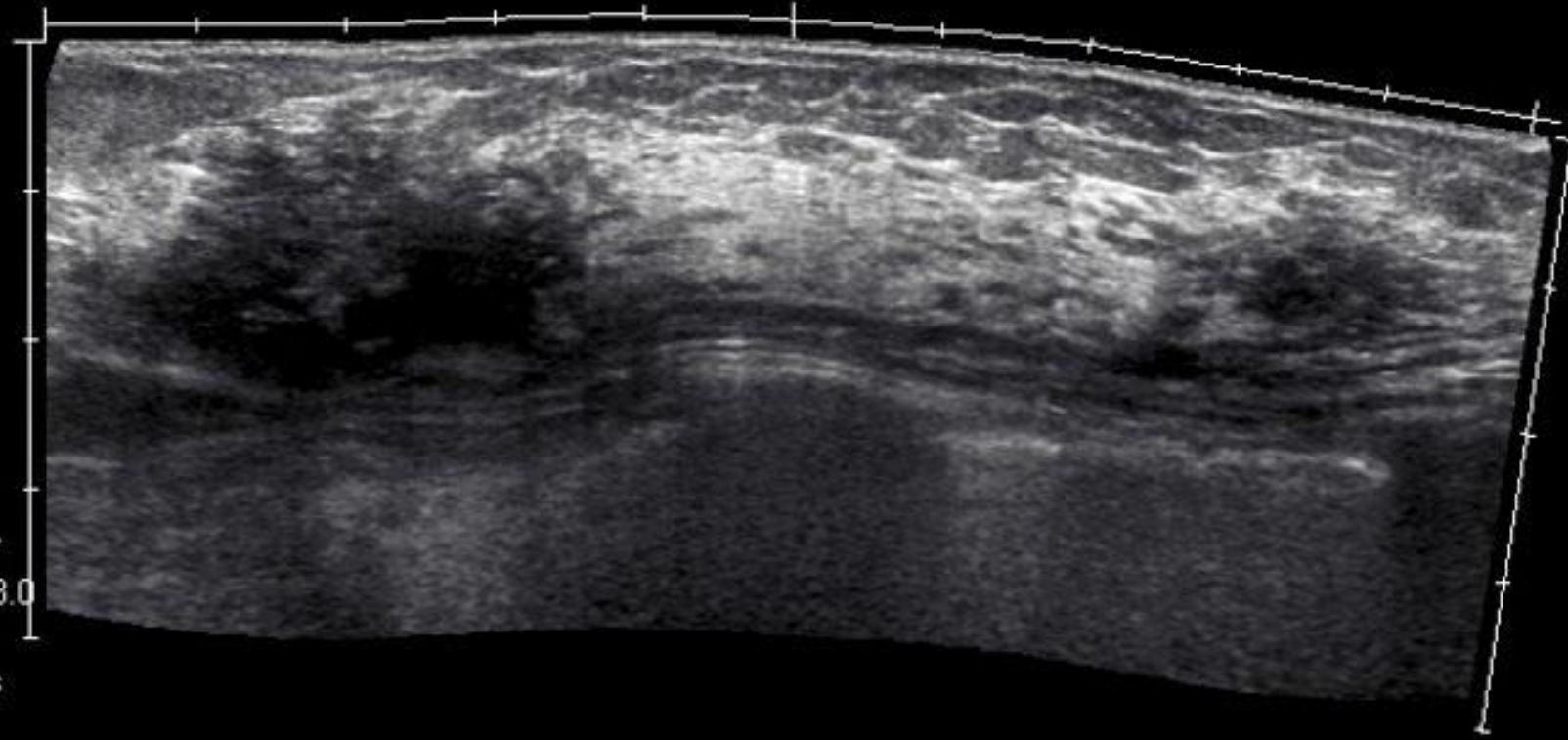
MI: (0.8)

2DG
82

DR
55

Dist A 14.3 mm

APure



MI: (0.8)
2DG
90
DR
55

18LX7
diffT13.0

23 fps

TOSHIBA

1696029

0

Primary

HACETTEPE UNIV.ONKO... - OPE - Breast 1204

QPure



0

1

2

3



18LX7
diffT13.0

24 fps

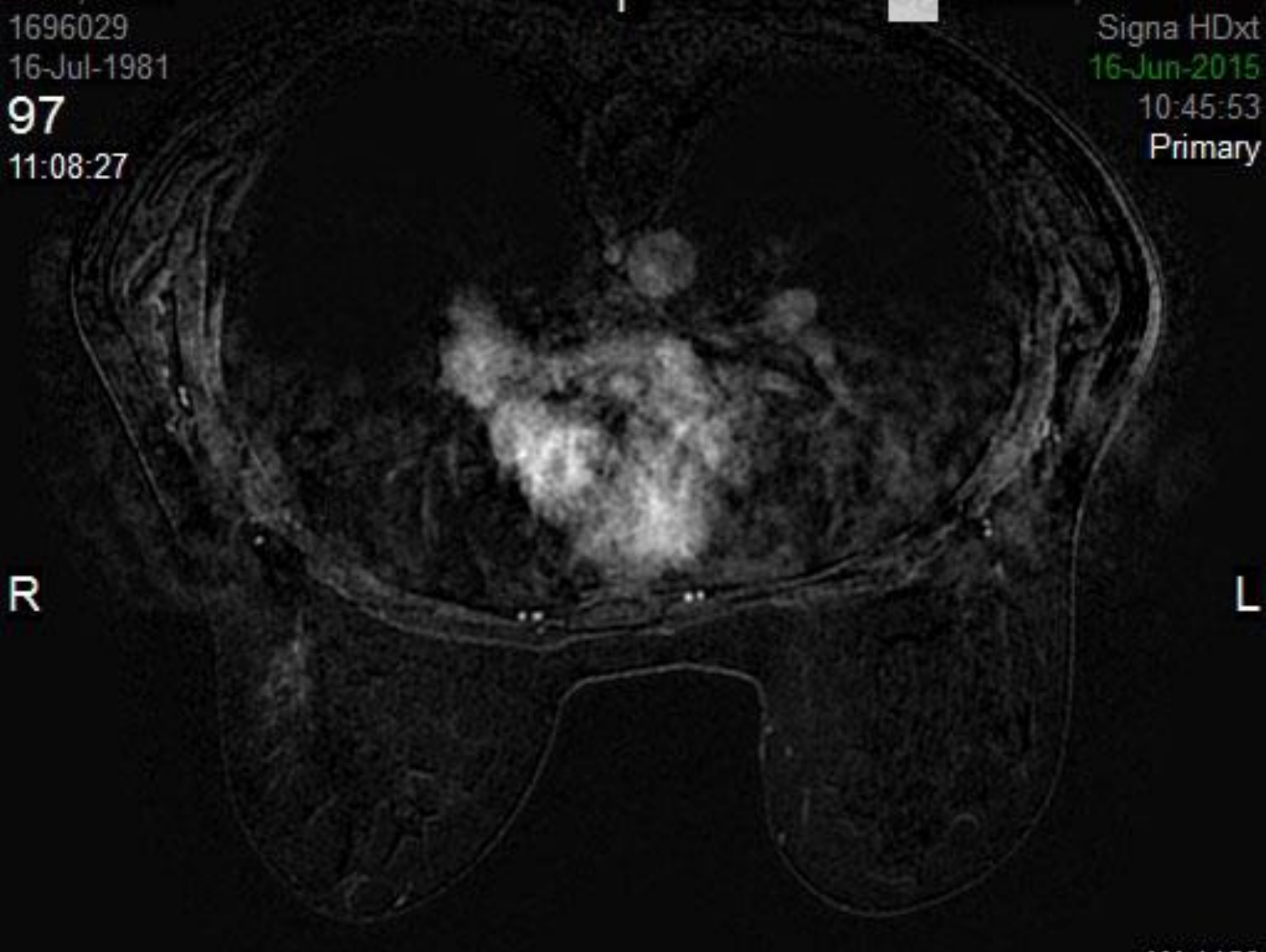
1696029
16-Jul-1981

97
11:08:27

Signa HDxt
16-Jun-2015
10:45:53
Primary

R

L





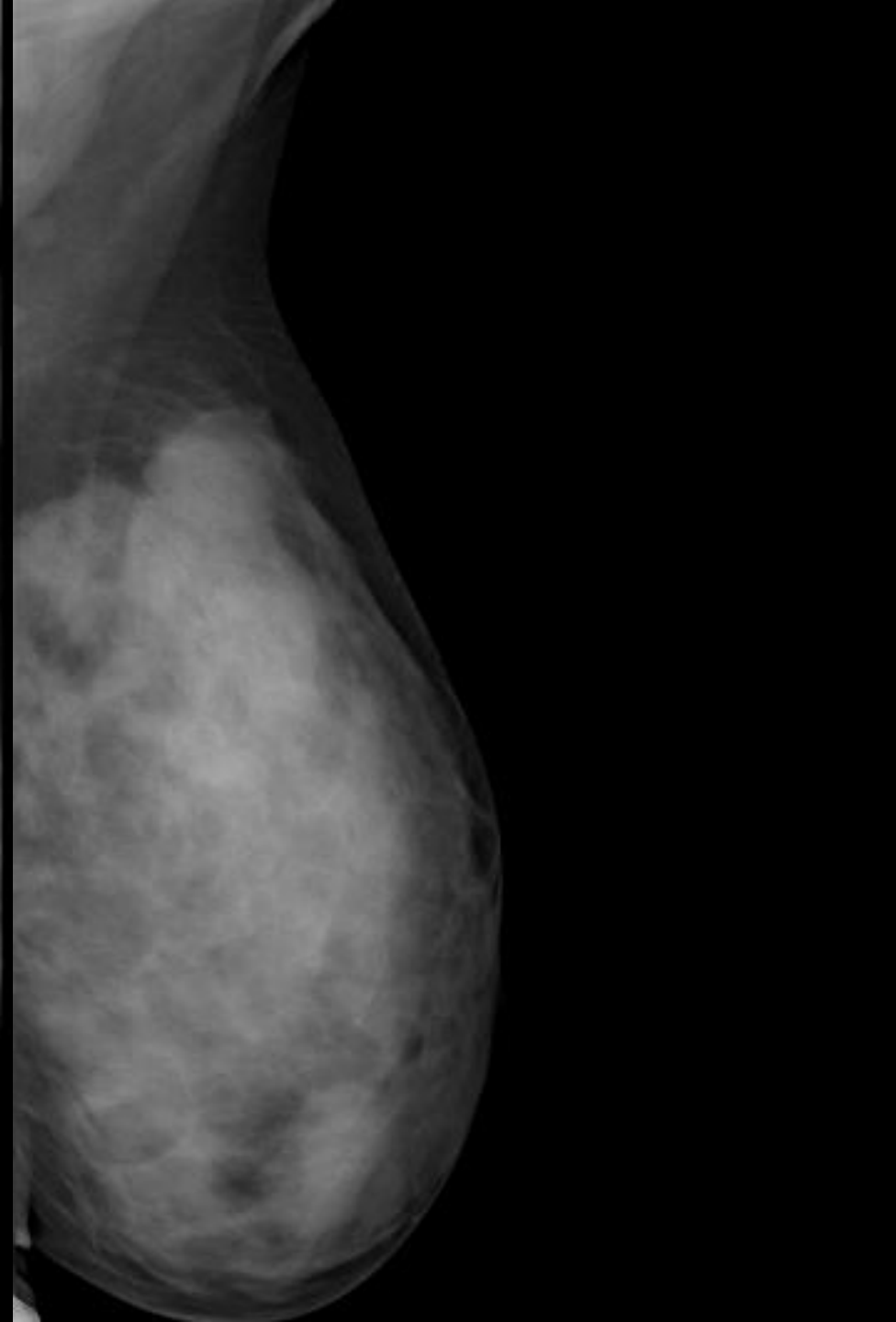
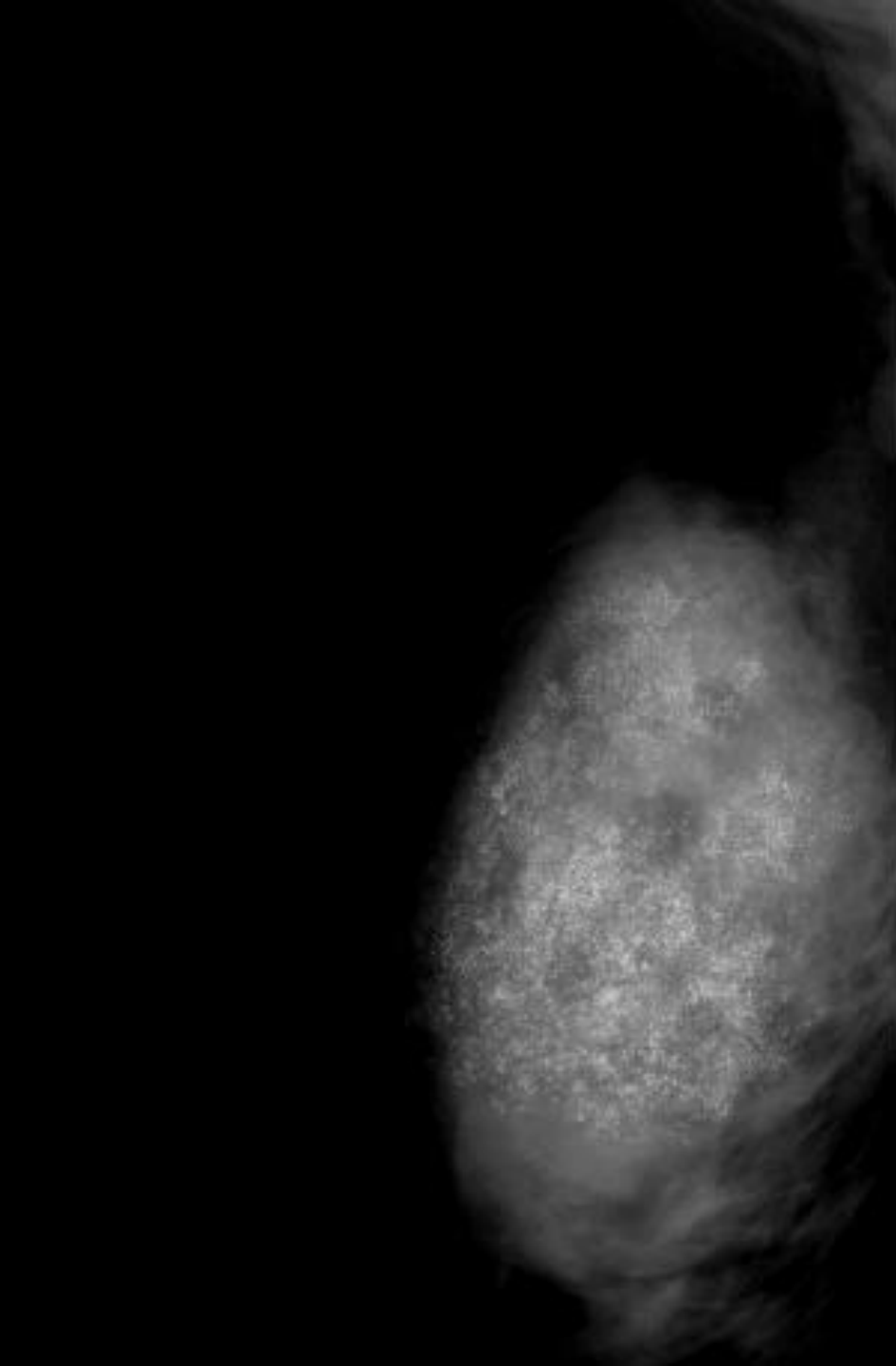
Sağ UOQ ve saat 8 lezyonları IDC Gr 3

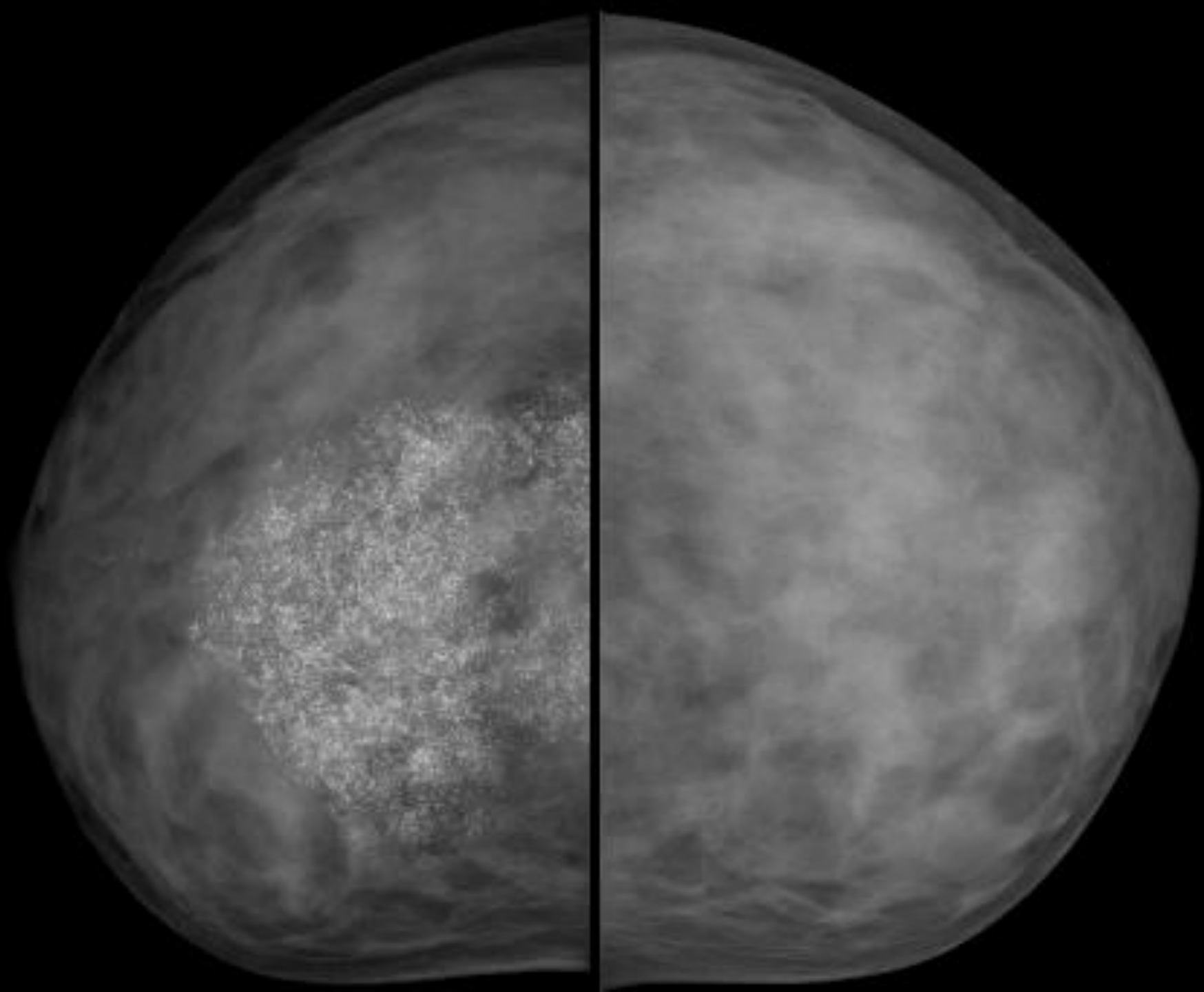
post neoadj. koruyucu cerrahi: IDC Gr 2

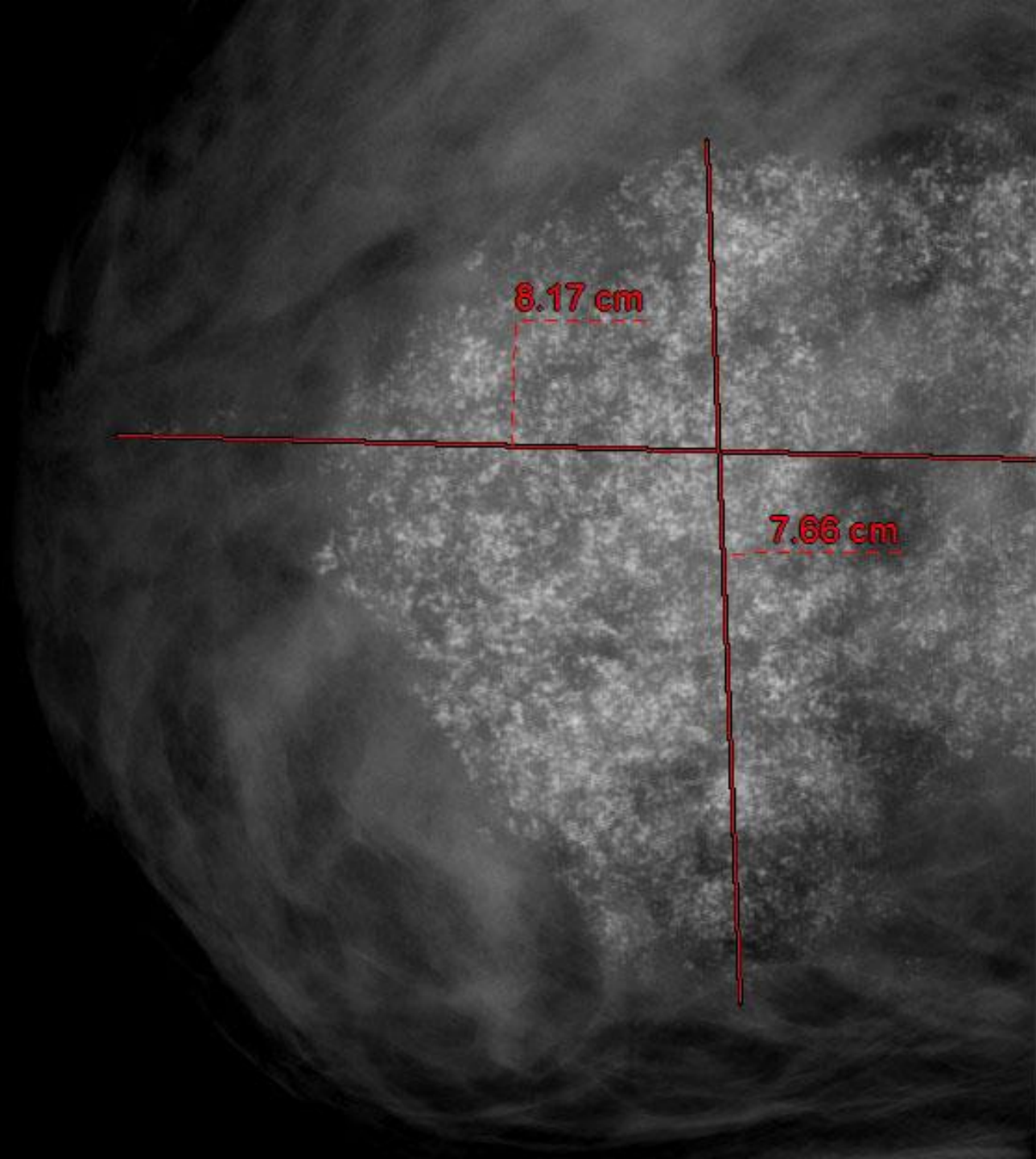
G.L.S.

34 yaşı

sağ memede kitle







8.17 cm

7.66 cm

QPure

T



0

2

4

MI: (1.1)

2DG

93

DR

55

18LX7
diffT13.0

20 fps



APure



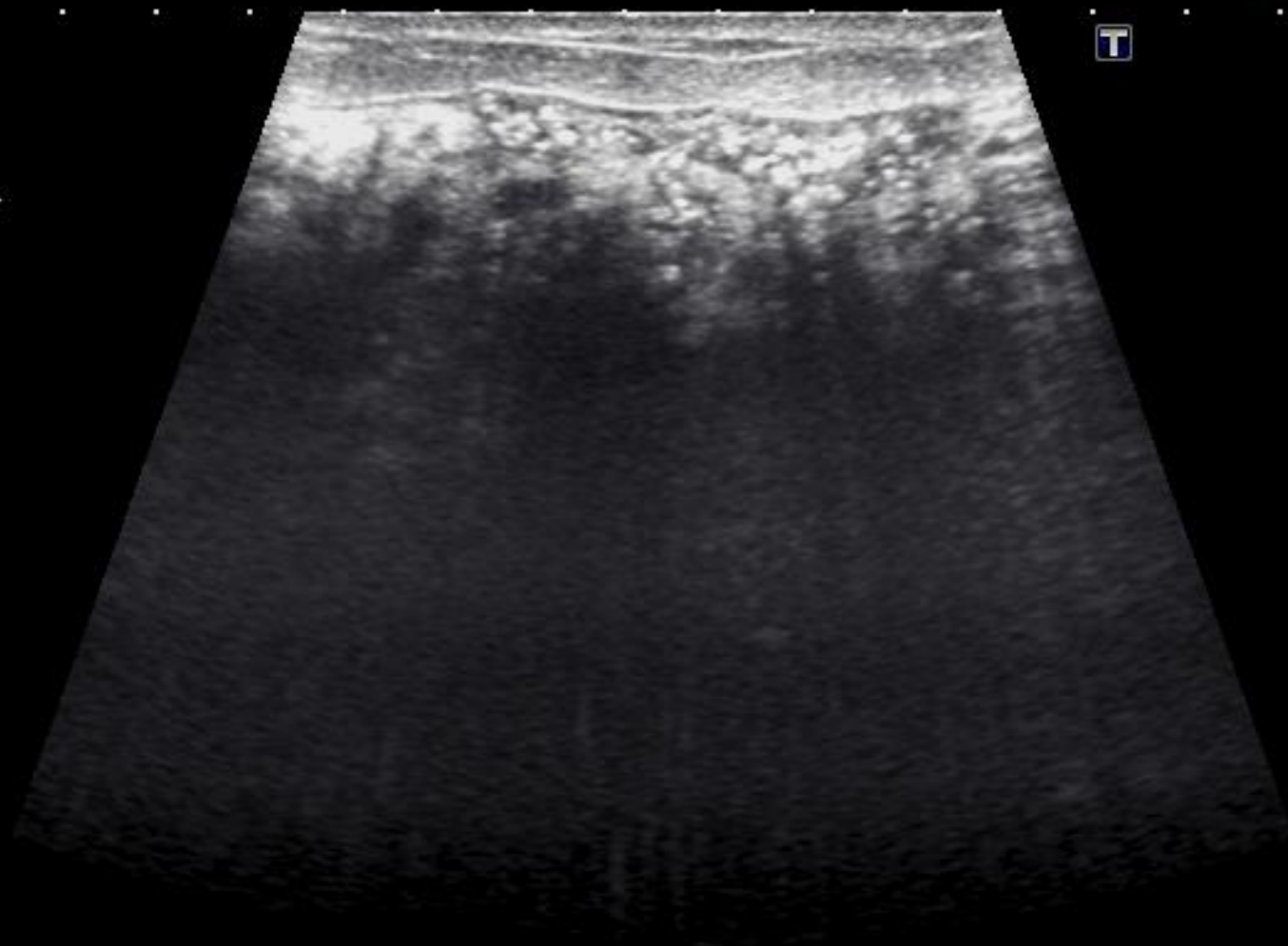
0 ◆

2 ◆

4 ◆

18LX7
diffT13.0

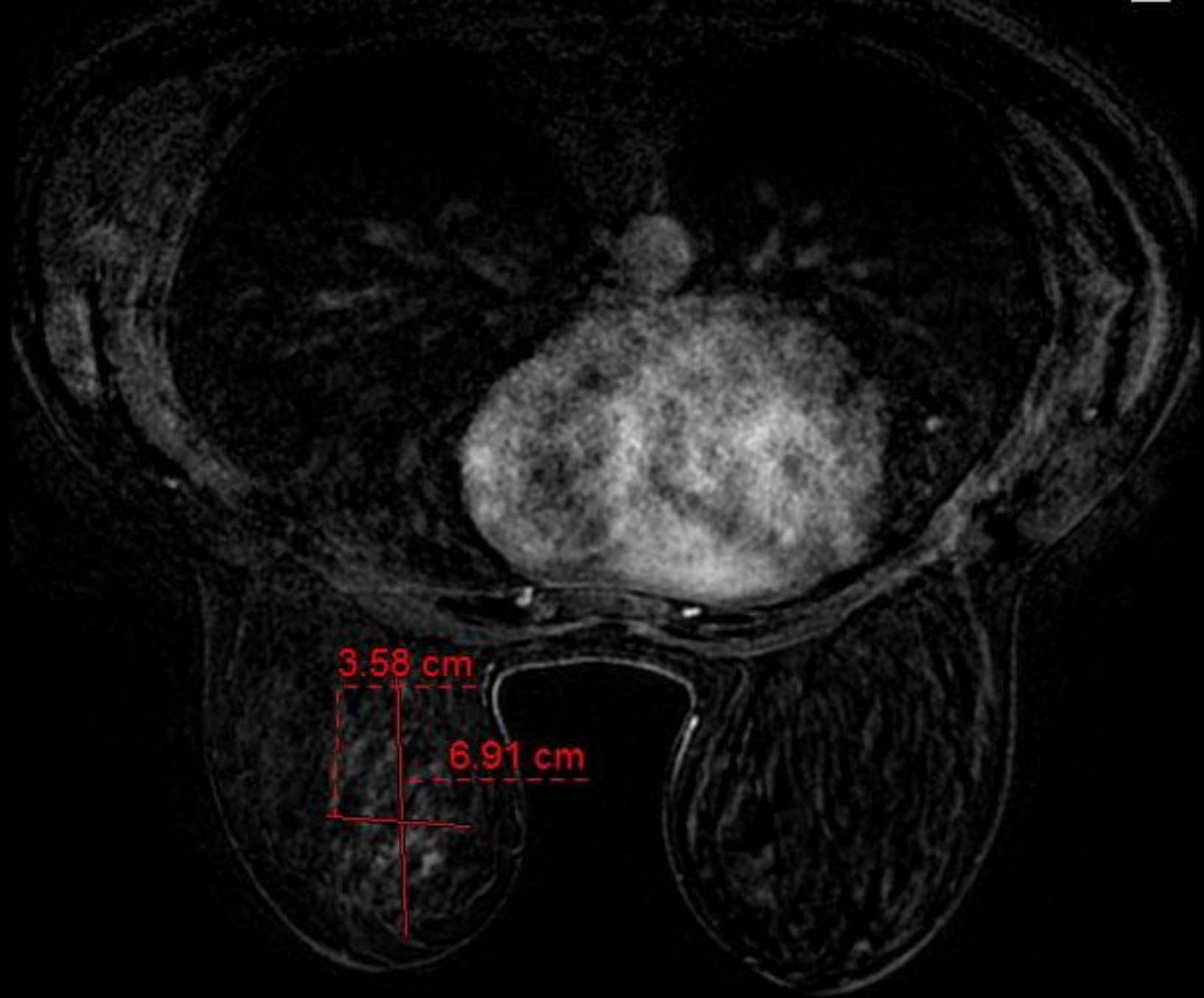
20 fps



MI:(1.1)

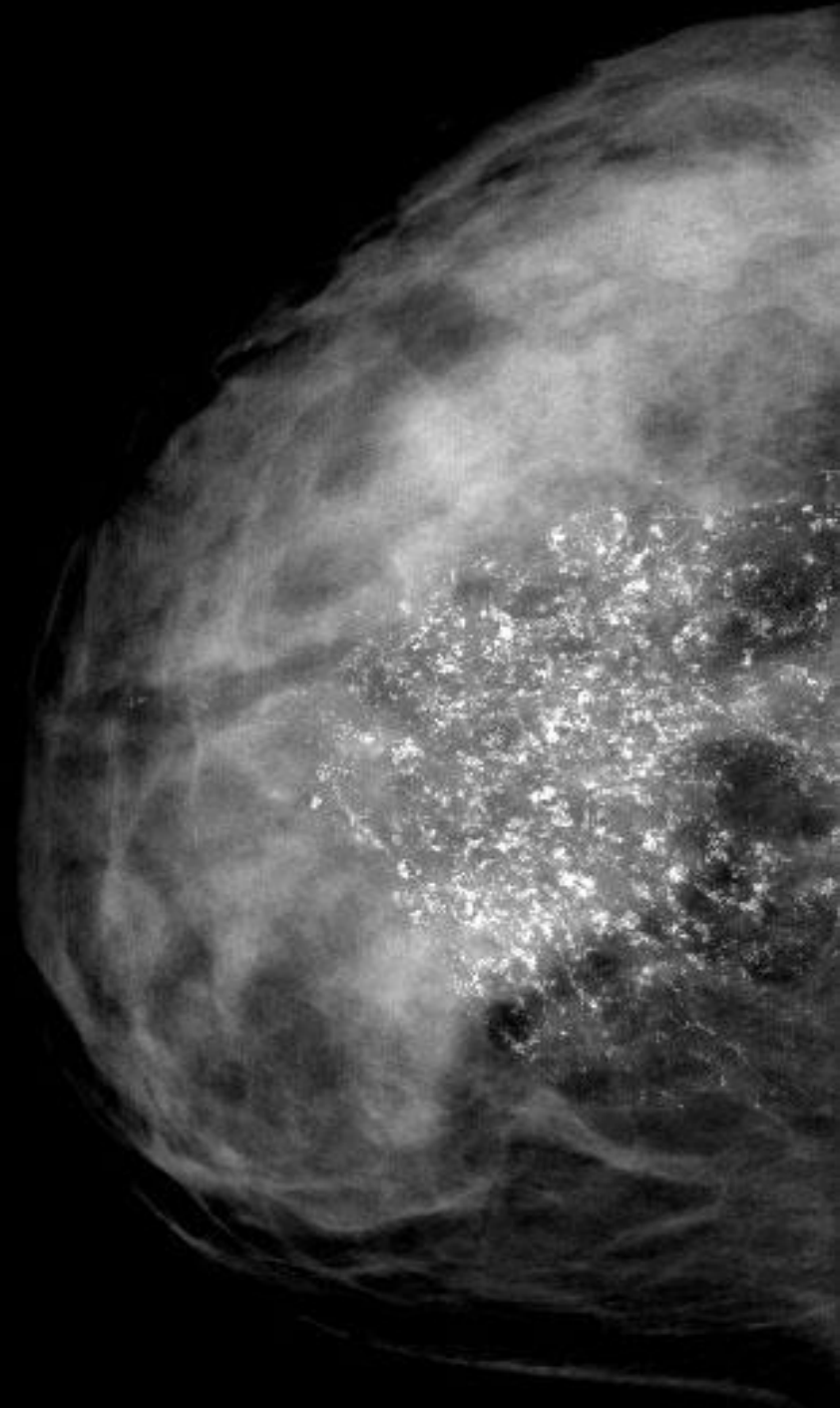
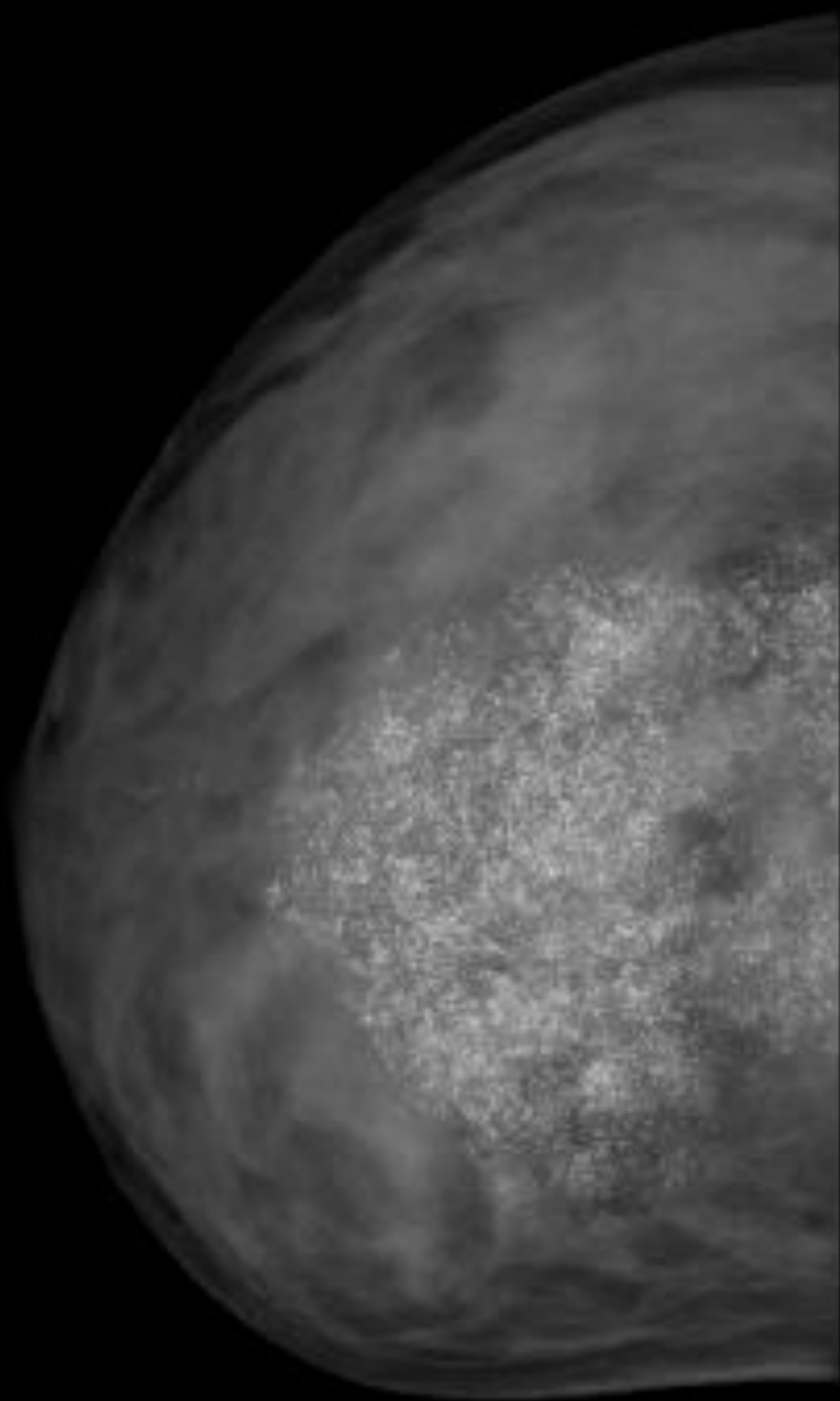
2DG
93

DR
55



3.58 cm

6.91 cm



Preop biyopsi IDC Gr 2 ve DCIS Gr 3

Post neoadj. cerrahi: tam patolojik yanıt

F.K.

33 yaşı

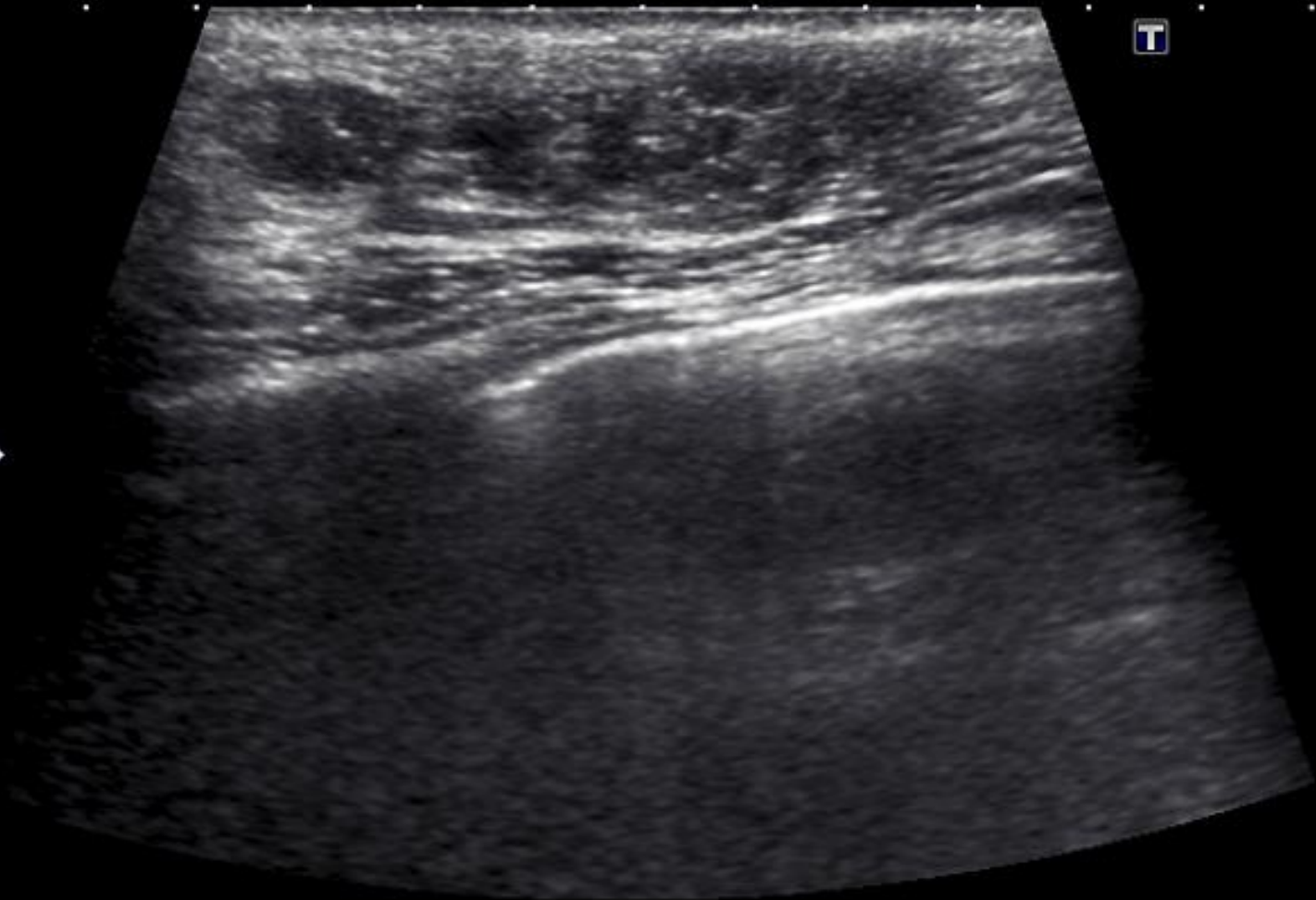
sol meme başı akıntısı

aPure

T



0
1
2
3
4

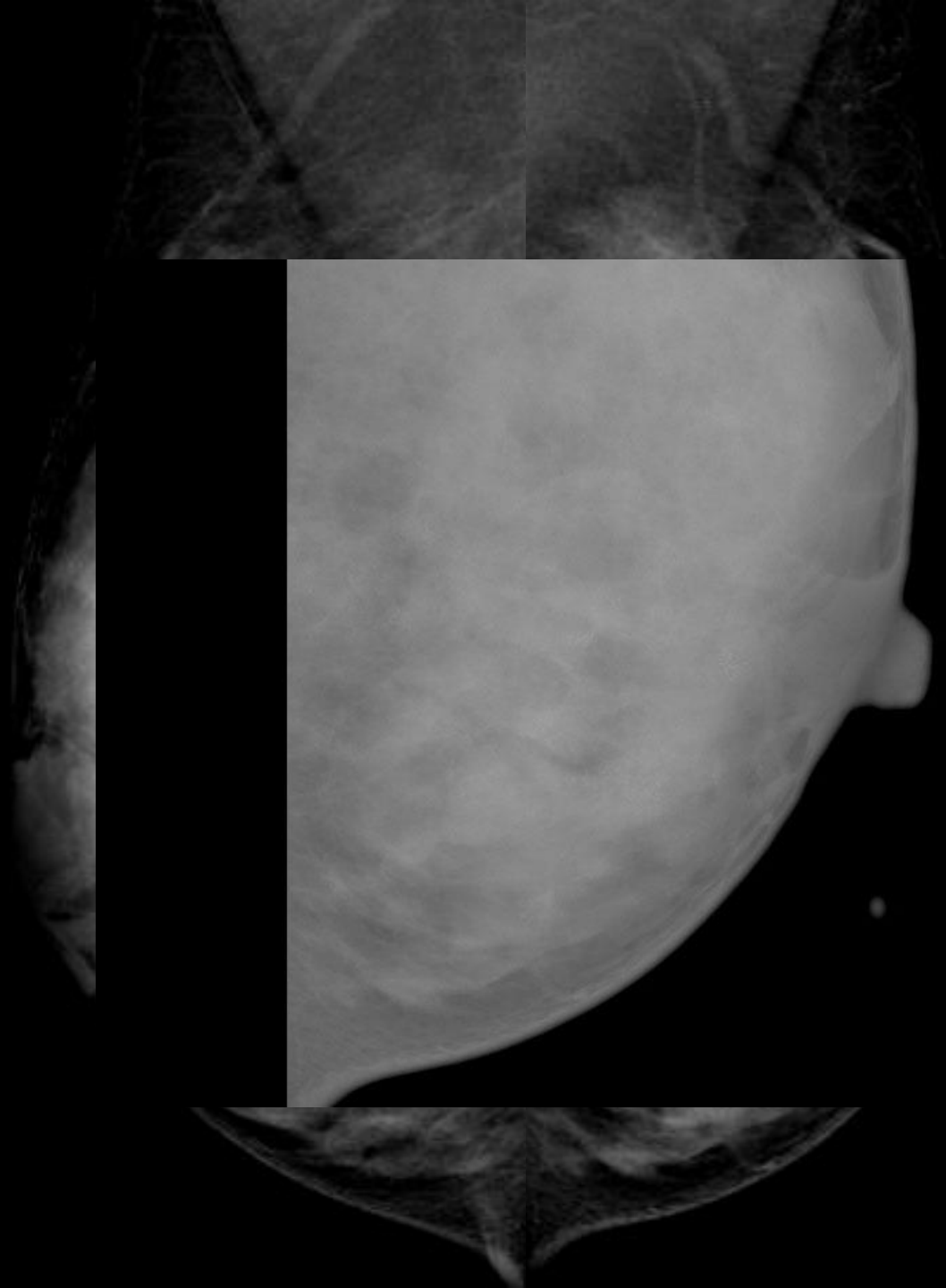


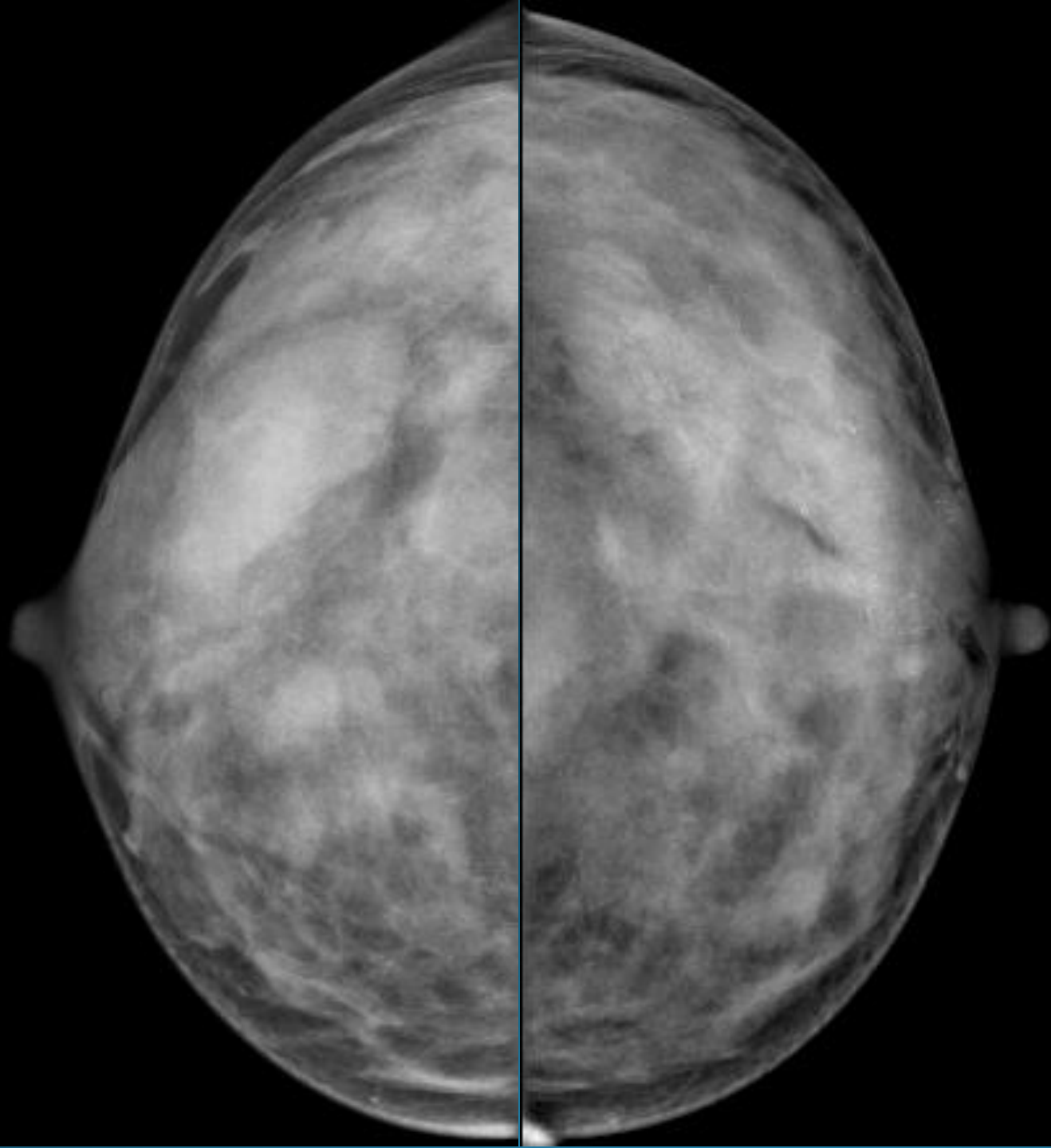
MI: (0.8)
2DG
83
DR
55

18LX7
diffT13.0
23 fps



#355
A 2 IP6









Preop biyopsi: DCIS Gr 3

Postop mastektomi:
sadece Gr3 DCIS, invazyon yok.

Hastaya 2 ay sonra MRG çekildi

4083109
10-Jun-1981
71
15:17:28

R

W-1508
Signa HDxt 4083109
07-Apr-2015 10-Jun-1981
14:50:33 **71**
Primary 15:18:44

LR

Signa HDxt 4083109
07-Apr-2015 10-Jun-1981
14:50:33 **71**
Primary 15:18:44

L

4083109
10-Jun-1981
71
15:21:17

R

W-1174
Signa HDxt 4083109
07-Apr-2015 10-Jun-1981
14:50:33 **71**
Primary 15:22:34

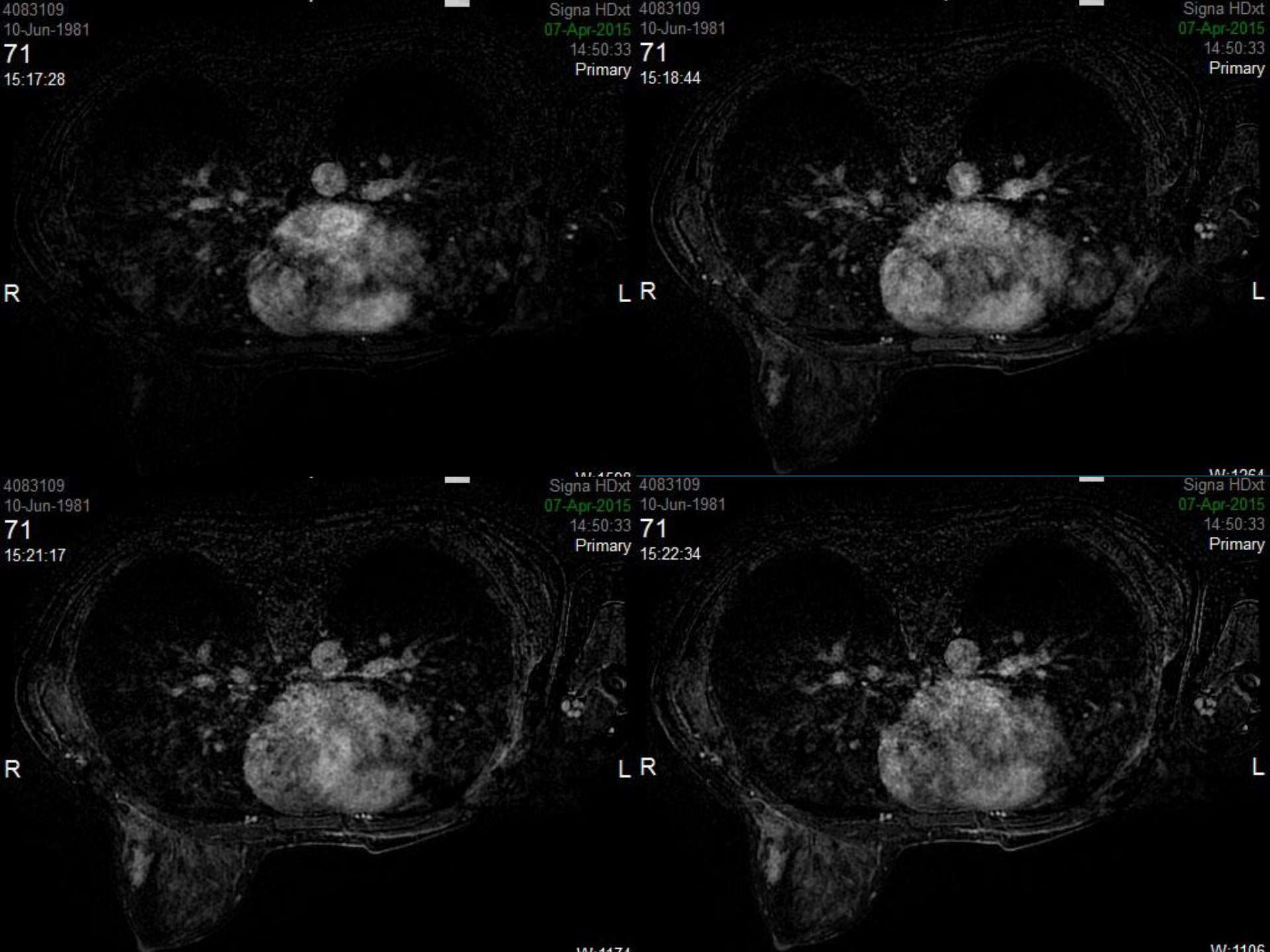
LR

W-1106
Signa HDxt 4083109
07-Apr-2015 10-Jun-1981
14:50:33 **71**
Primary 15:22:34

L

W-1174

W-1106



TOSHIBA

4083109: ██████████ 33 F
HACETTEPE UNIV.ONKO... - -

Primary
Breast 1204

15.04.2015
15:34:50

aPure

T

R9
4CM_

0 ◆
1 ◆
2 ◆
3 ◆



MI: (1.1)
2DG
83
DR
55

18LX7
diffT13.0
24 fps

Dist A 13.5 mm

#681

Preop biyopsi: DCIS Gr 3

Postop biyopsi (simple mastectomy):
DCIS Gr 3 (5mm)

Teşekkür ederim

A

Ali R. Sever