

第23回日本乳癌学会東北地方会 教育セミナー 診断部門 問題編

手術に向けた術前化学療法中・後の 画像診断と病理

岩手県立中部病院 外科

梅邑 明子



The Japanese Breast Cancer Society
since 1992



筆頭演者の利益相反状態の開示

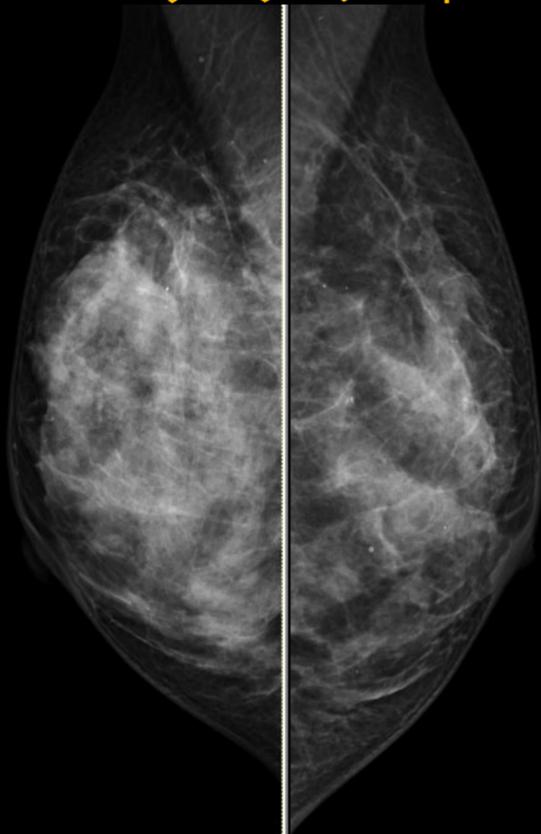
すべての項目に該当なし

症例 1

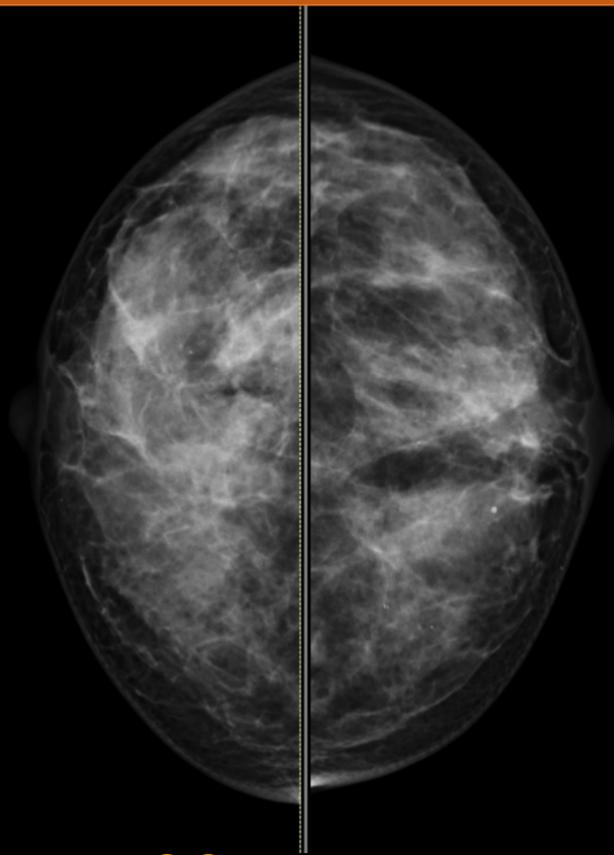
- 50代女性
- 右乳房のしこりを自覚し、前医受診
- 右A区域に3cm大の腫瘤を触知

マンモグラフィ

乳房構成と画像所見、カテゴリー分類は？

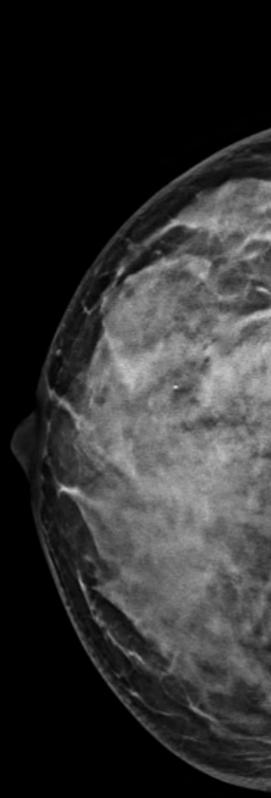
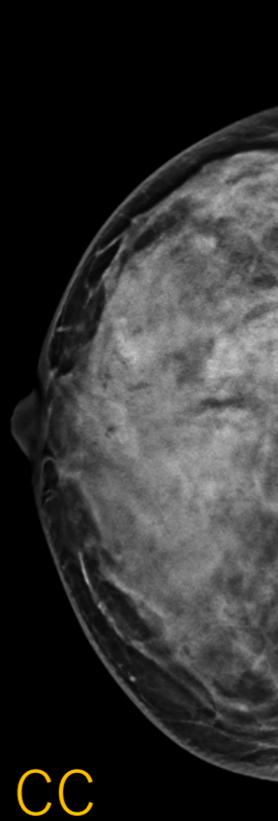
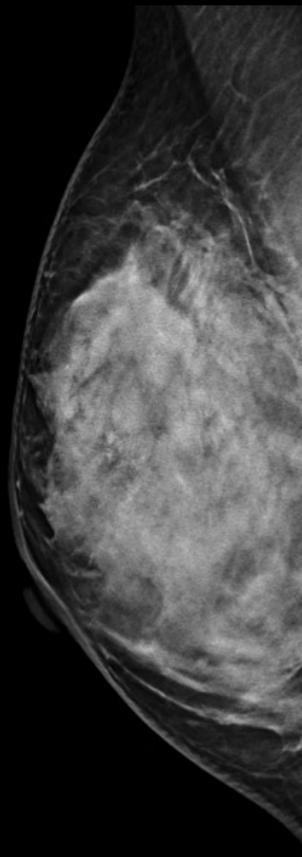
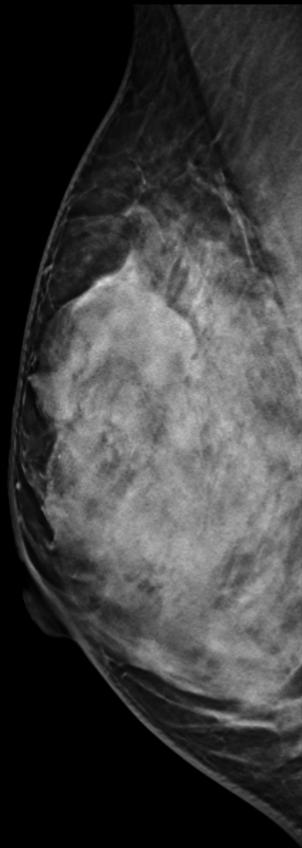
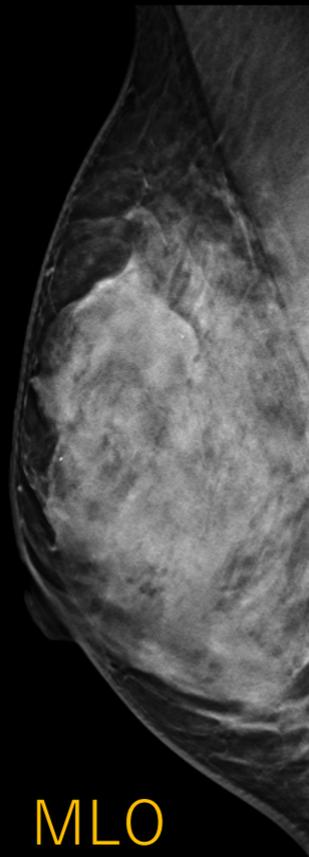


MLO



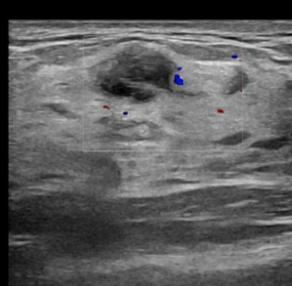
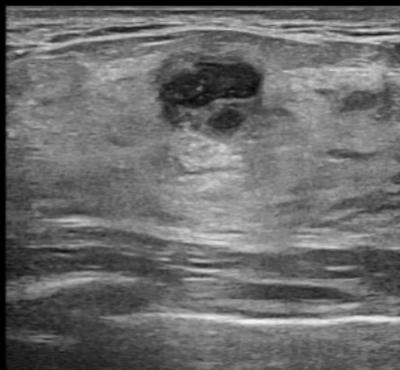
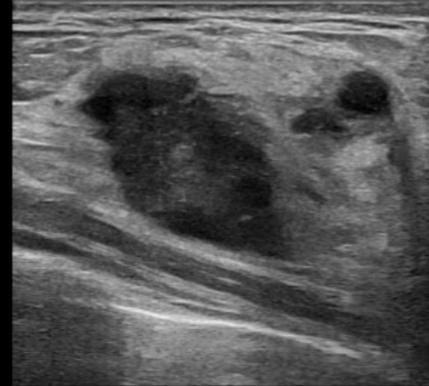
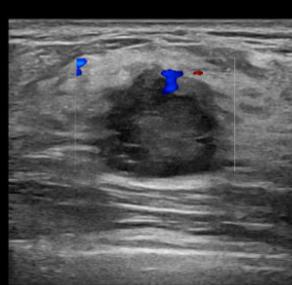
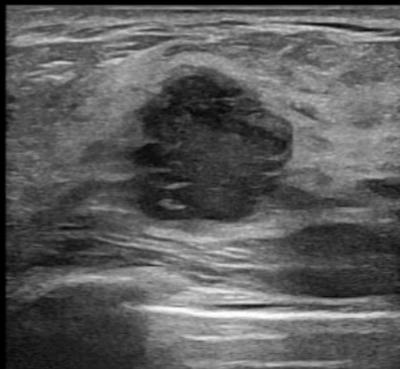
CC

トモシンセシス



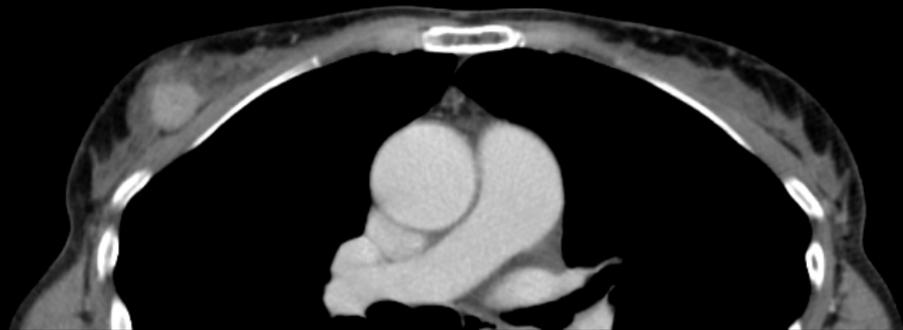
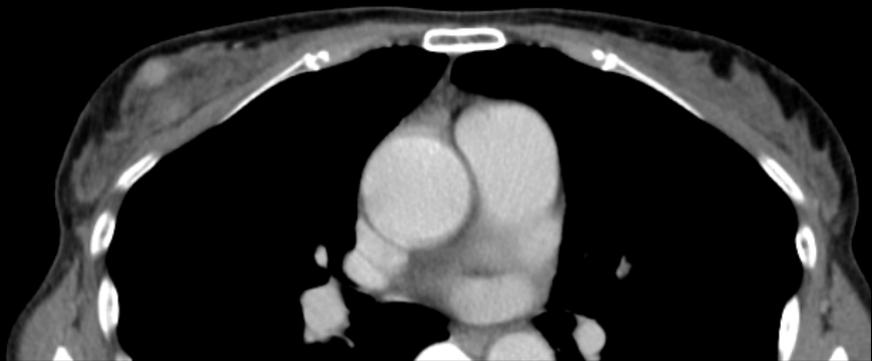
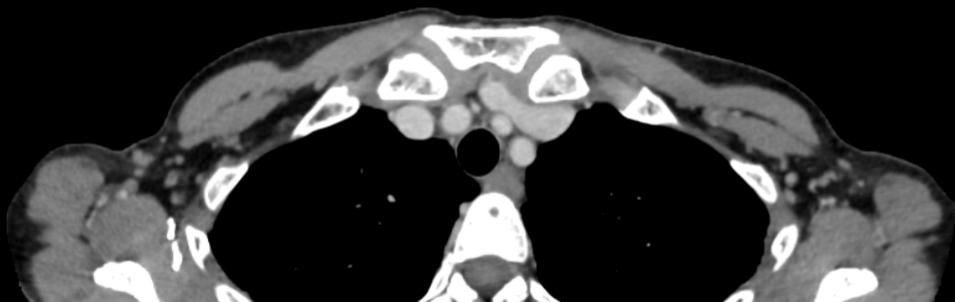
超音波検査

画像所見とカテゴリー分類は？



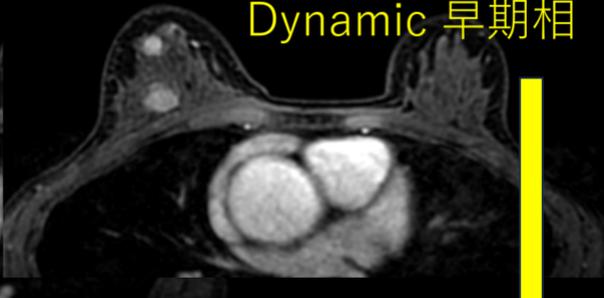
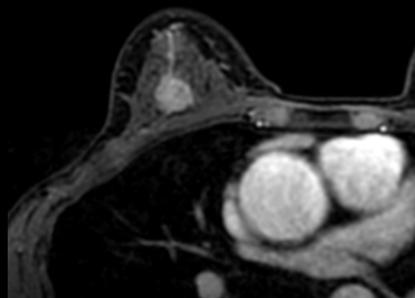
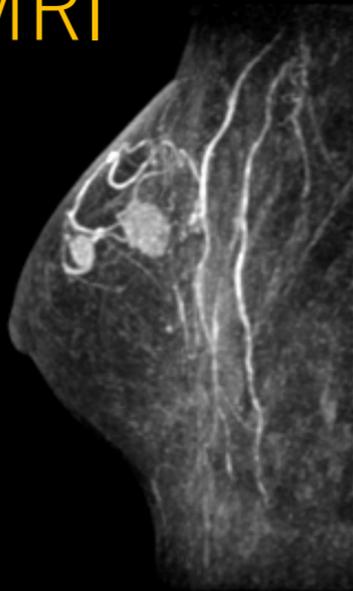
30 x 16 x 15mm

CT

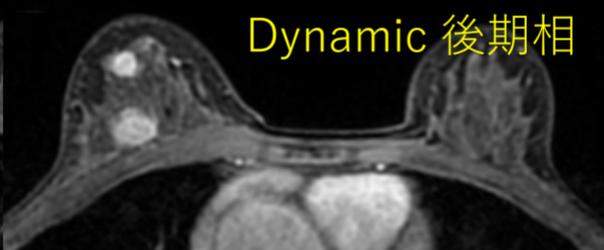
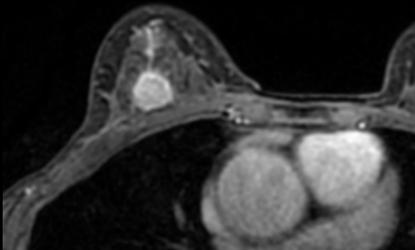
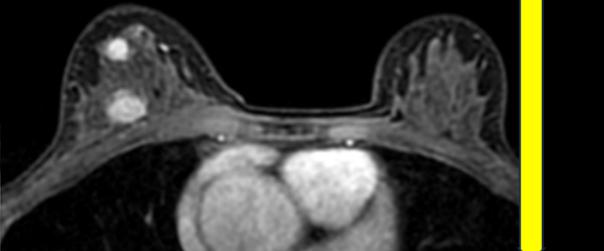
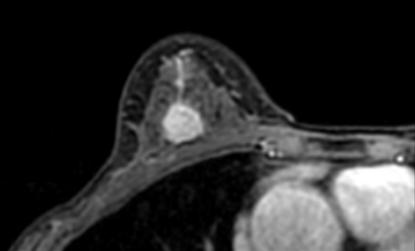


MRI

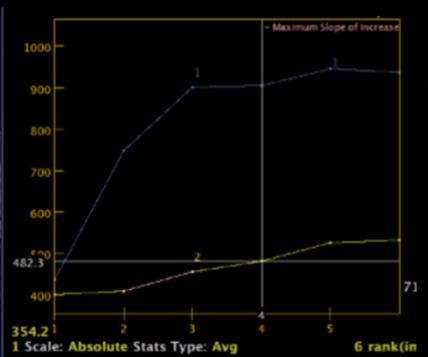
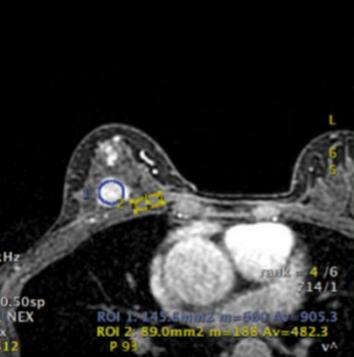
画像所見は？



Dynamic 早期相

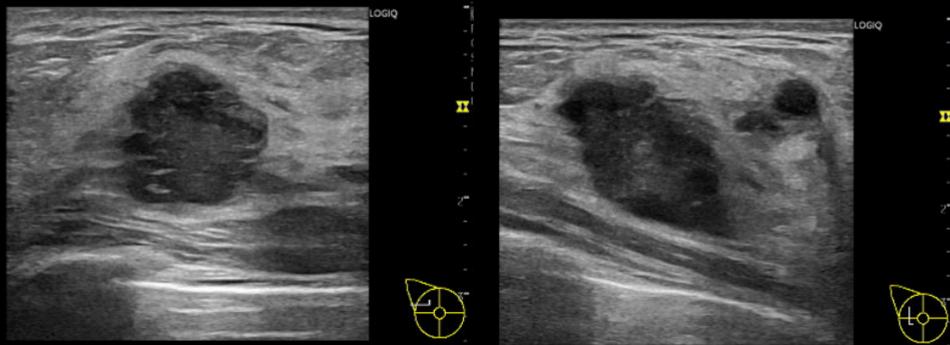


Dynamic 後期相

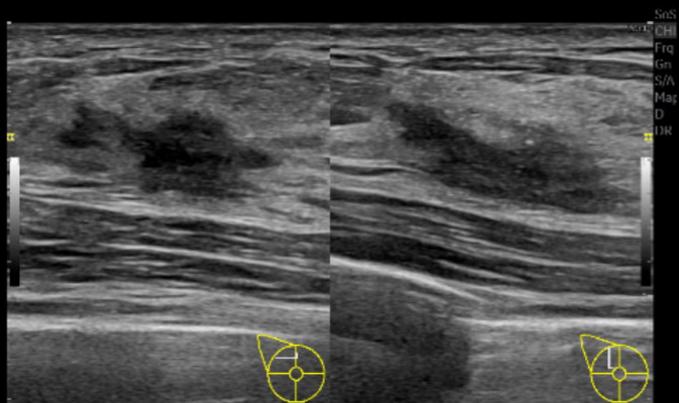


治療効果は？

化学療法前

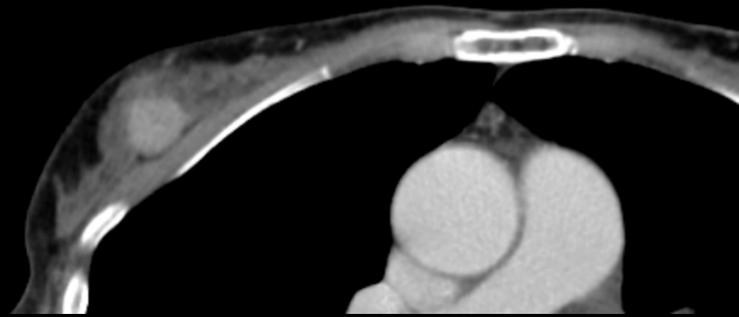
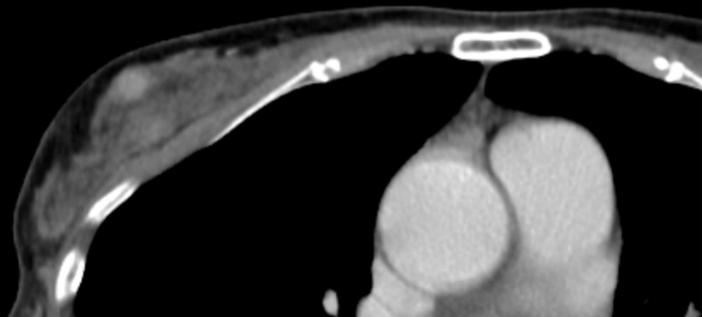


化学療法後

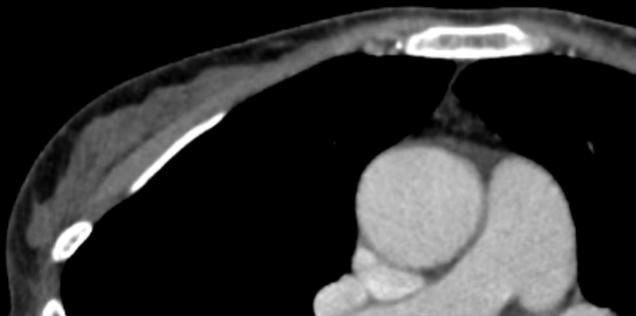


治療効果は？

化学療法



化学療法

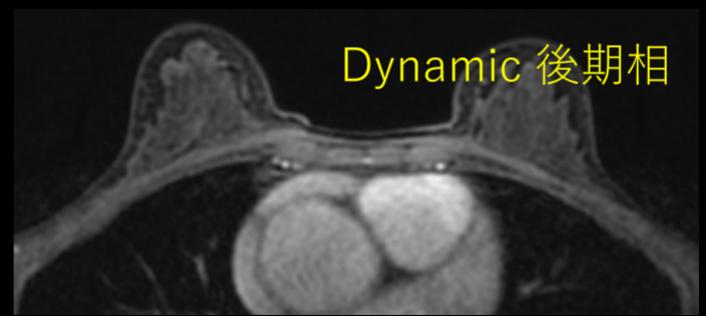
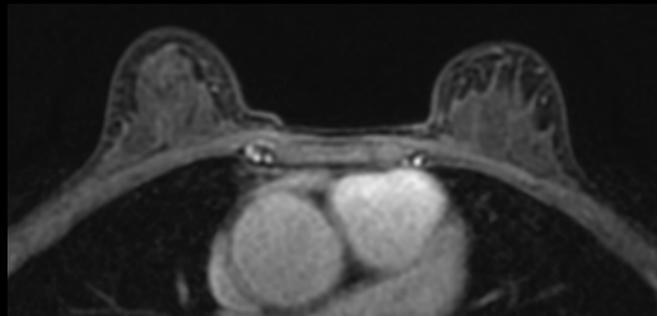
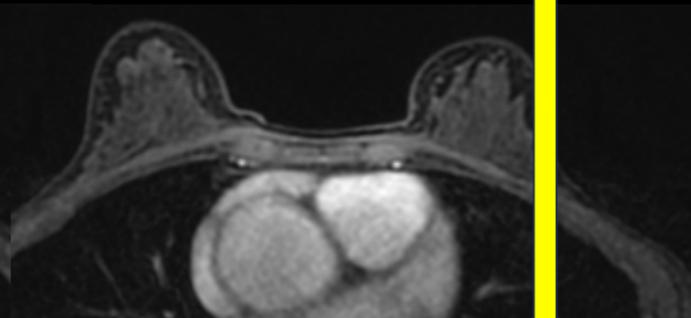
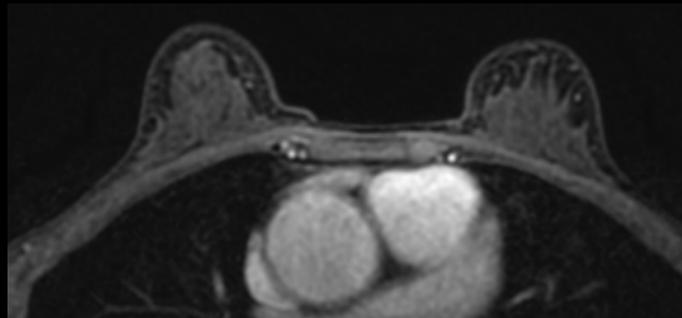
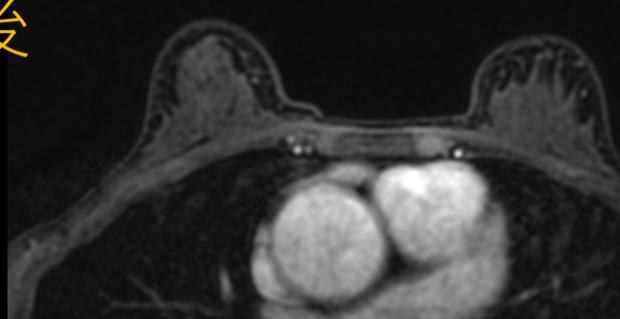
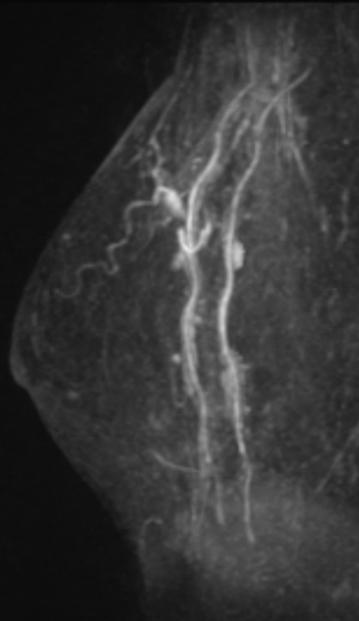


化学療法後

Dynamic 早期相

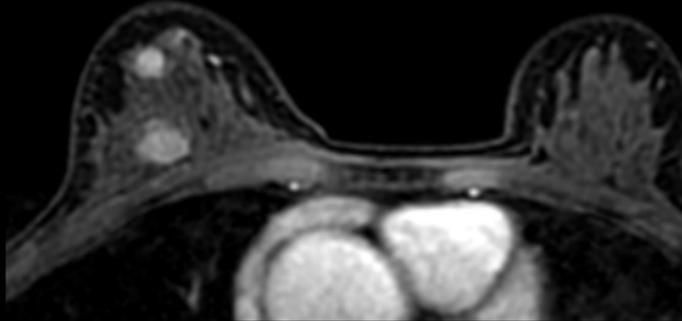
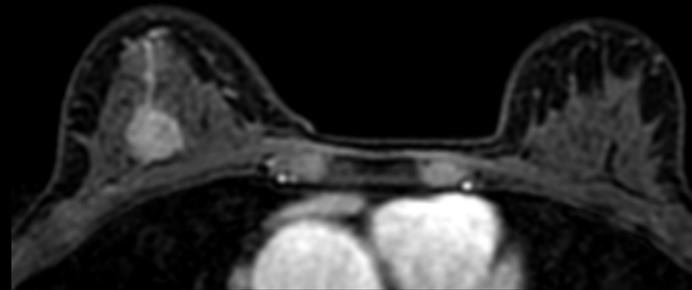
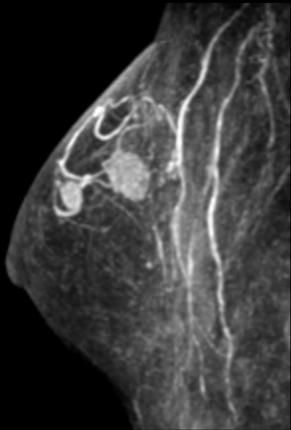
治療効果は？

Dynamic 後期相

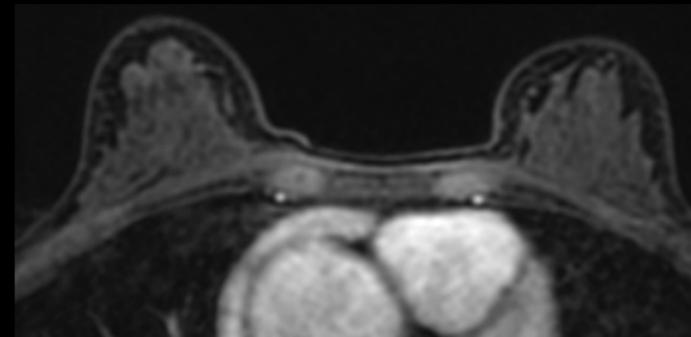
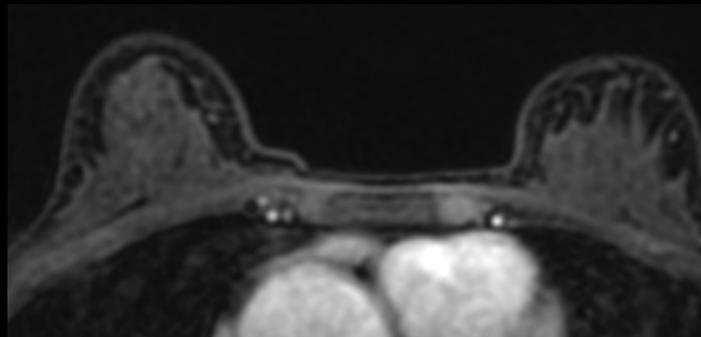
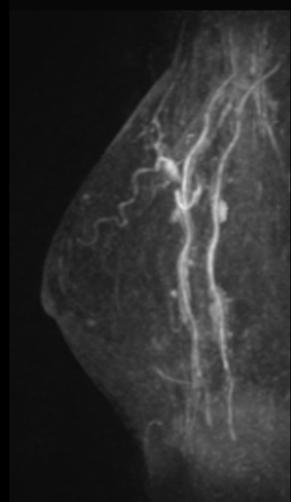


治療効果は？

化学療法前



化学療法後



症例 2

- 60代女性
- 検診マンモグラフィで要精検となり受診
- 2年前の検診マンモグラフィでは異常なし
- 右A区域に25mmの腫瘤を触知
- 閉所恐怖症のためMRI撮影できず

M1.05
HB197

マンモグラフィ

01-4up0.510.013 MC
AUTOMA

TWA

乳房構成と画像所見、カテゴリー分類は？

MLO

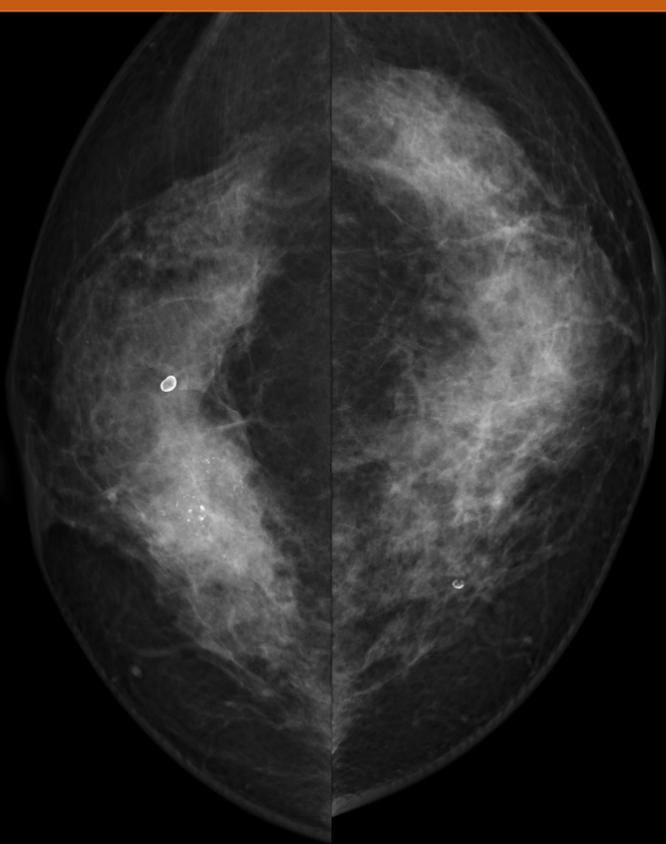
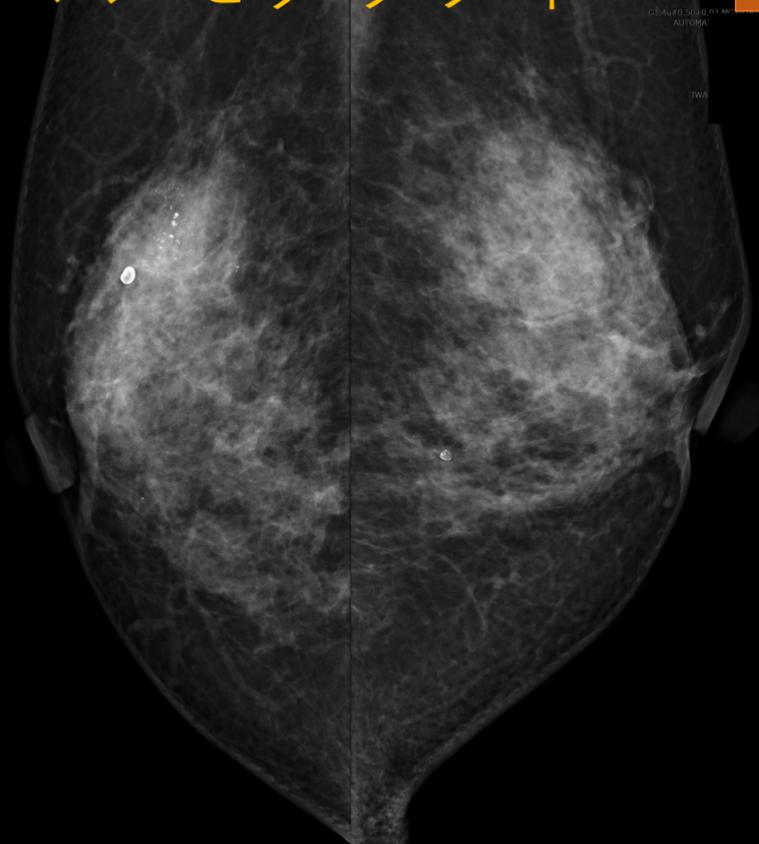
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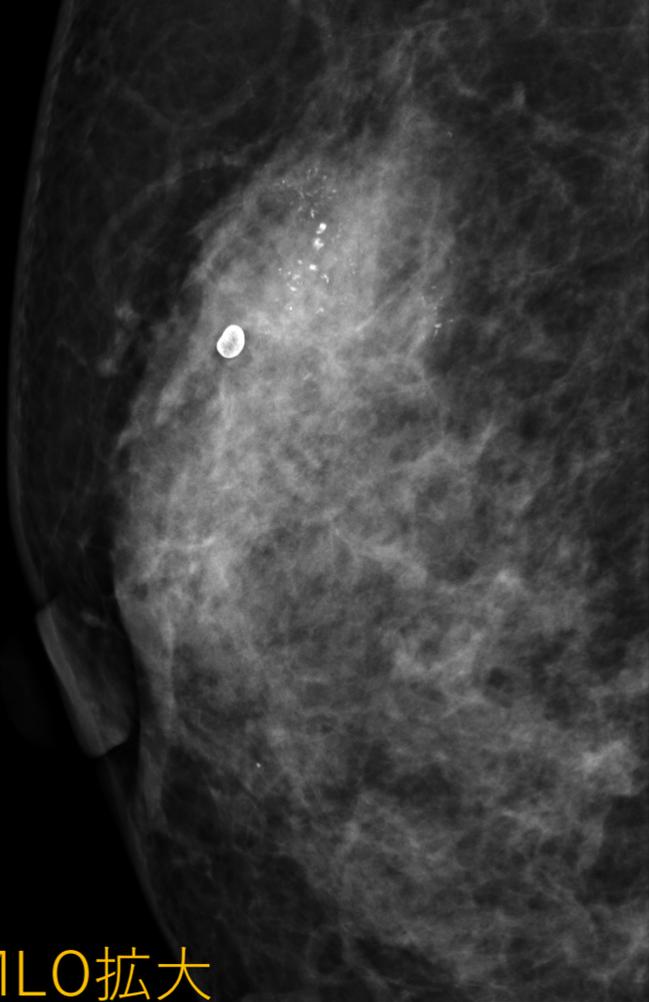
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マンモグラフィ読影 19X
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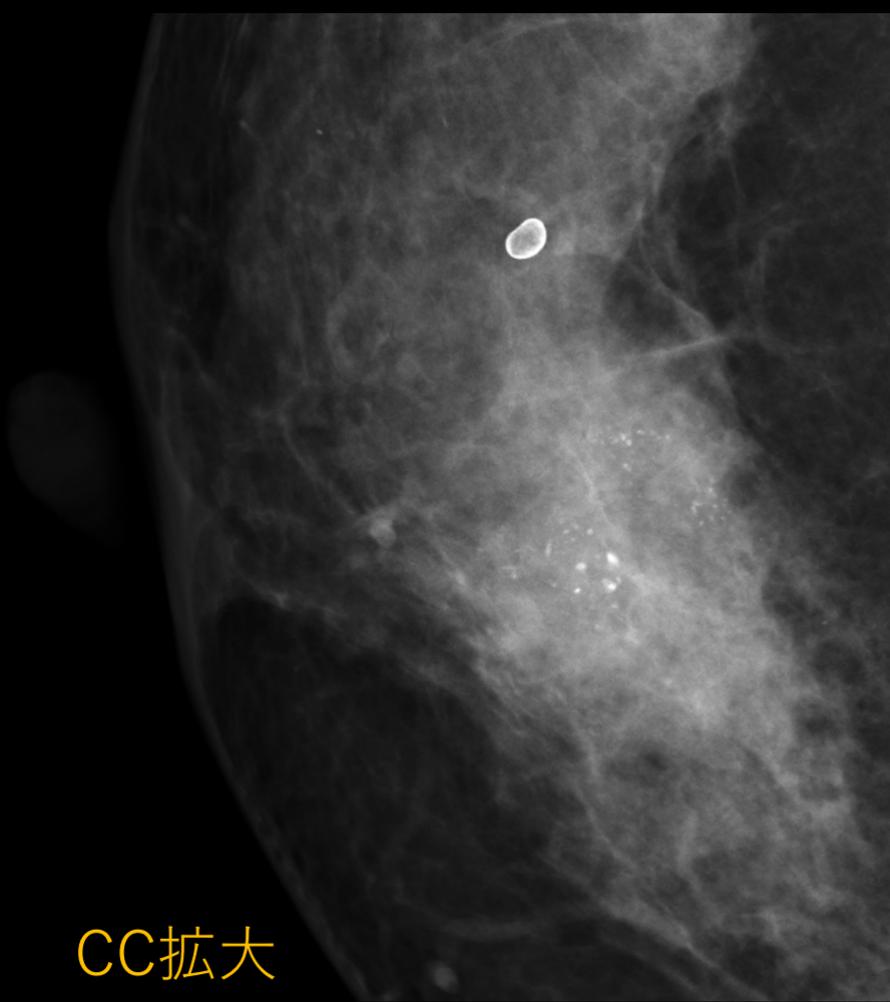
CC

Fibroglandular: 13, 221





MLO拡大



CC拡大

超音波検査

画像所見、カテゴリー分類は？



T

M1
1.5
18L7
diffT13.0
32 fps

G:83
DR:75
A:1
P:1



超音波検査

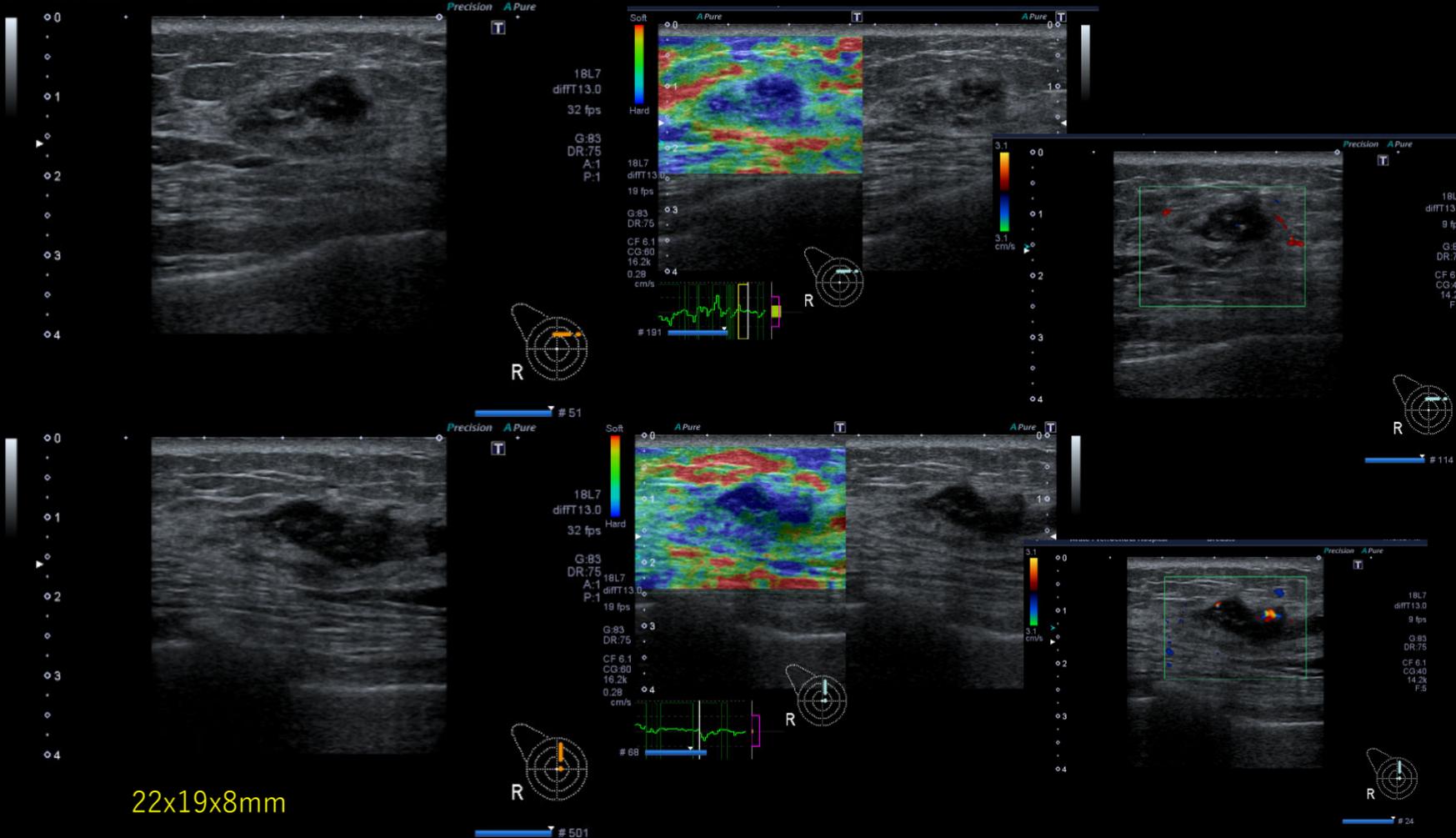


T

Ml
1.5
18L7
diffT13.0
32 fps

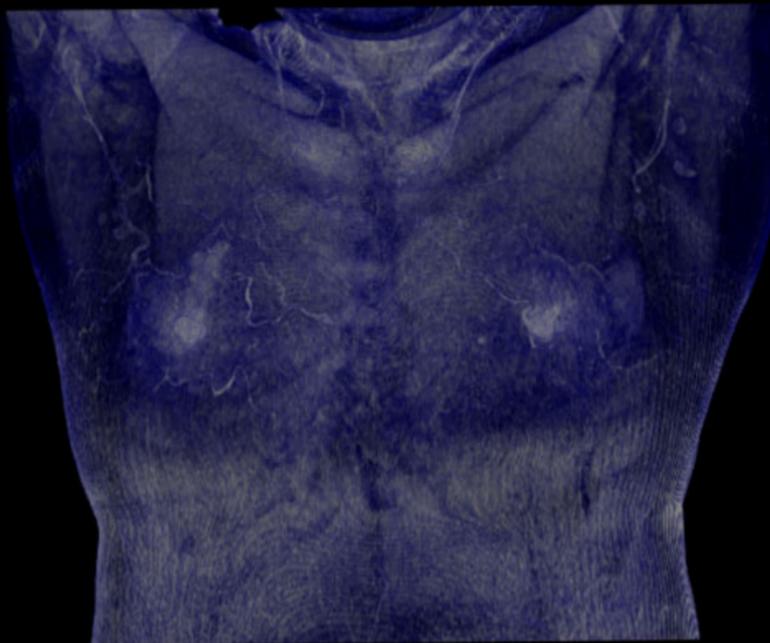
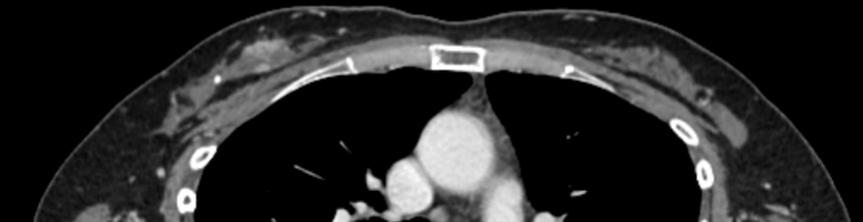
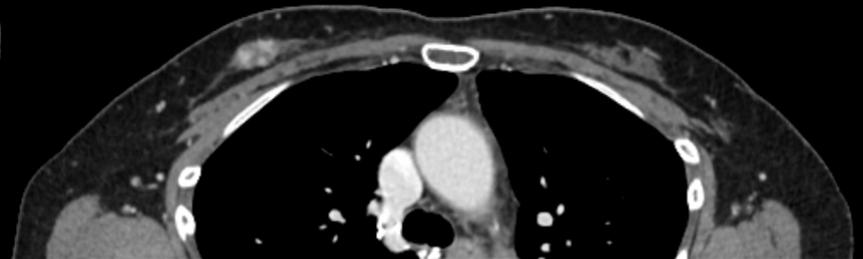
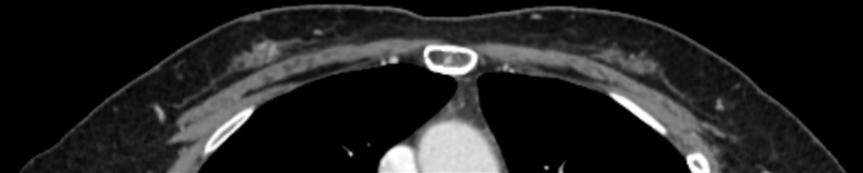
G:83
DR:75
A:1
P:1





CT

画像所見は？

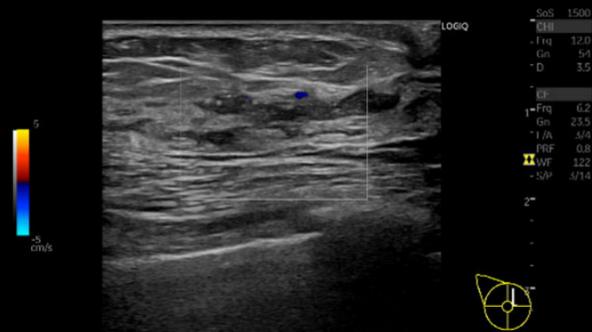
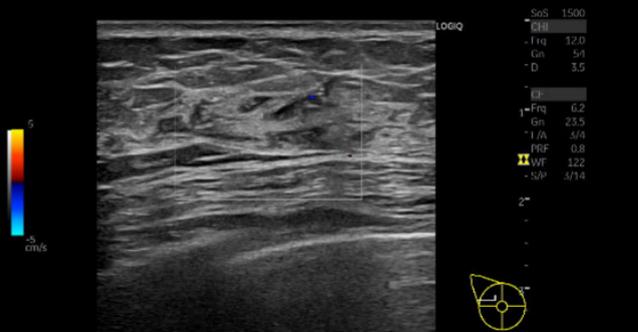
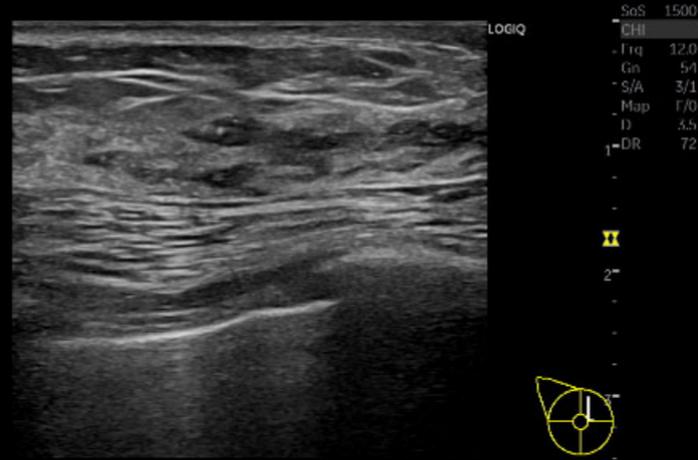
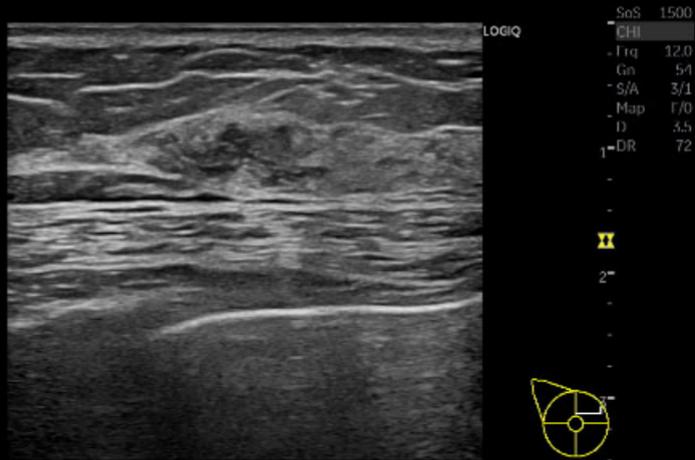


A

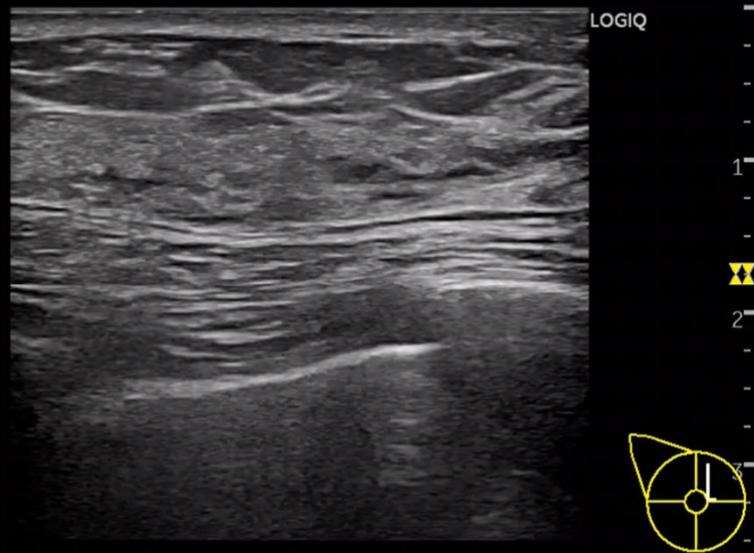
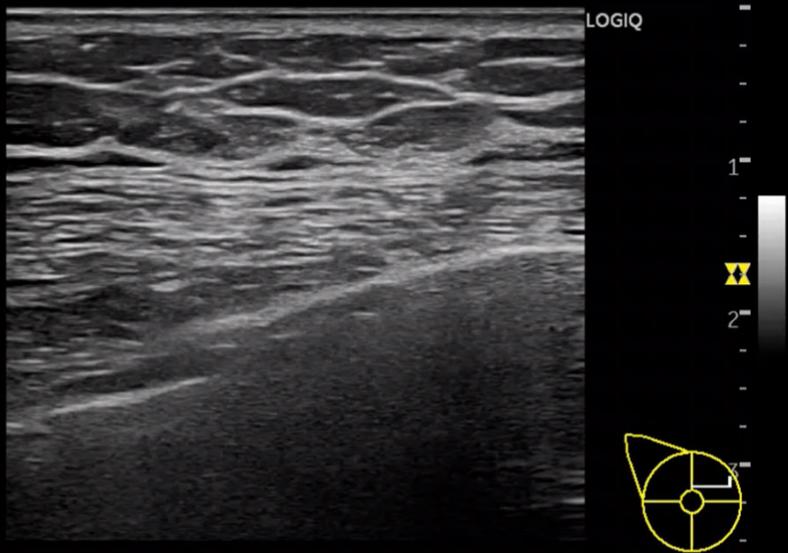
LAO: 11.9
CAU: 0.1

F

化学療法後

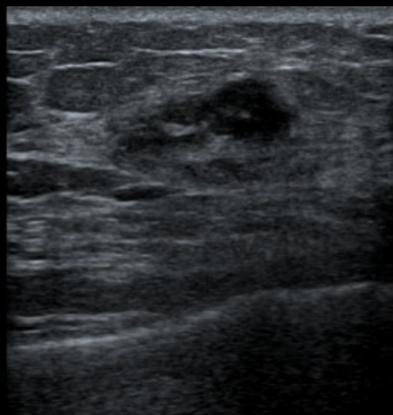


化学療法後

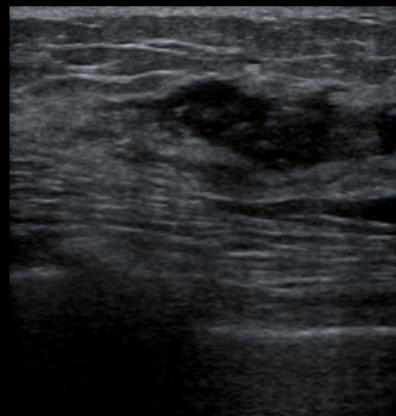


治療効果は？

化学療法前



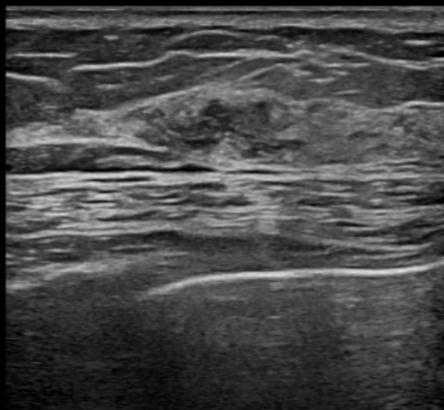
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18L7
diffTT 13.0
32 fps
G:83
DR:75
A:1
P:1



II
18L7
diffTT 13.0
32 fps
G:83
DR:75
A:1
P:1



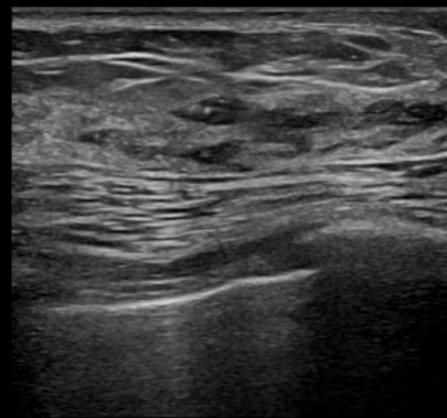
化学療法後



LOGIQ
Sei
CHI
- Frq
Gn
S/A
Ma
D
1-DR

II

2"



LOGIQ
Sei
CHI
- Frq
Gn
S/A
Map
D
1-DR

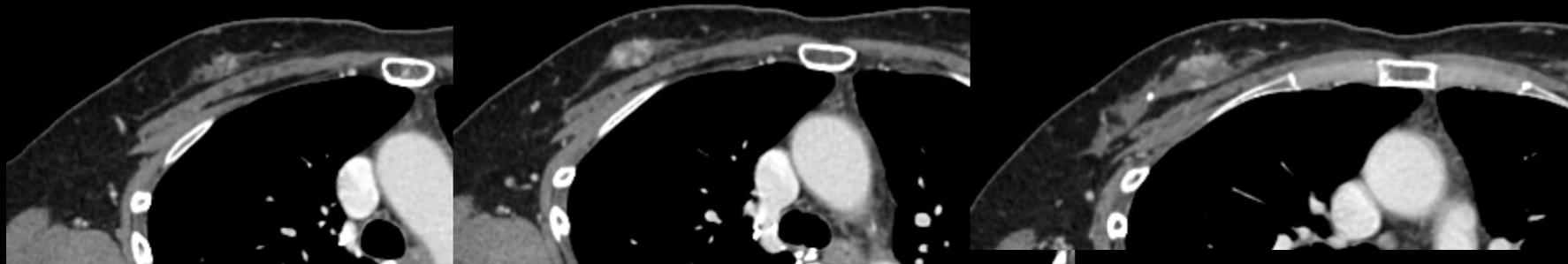
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2"

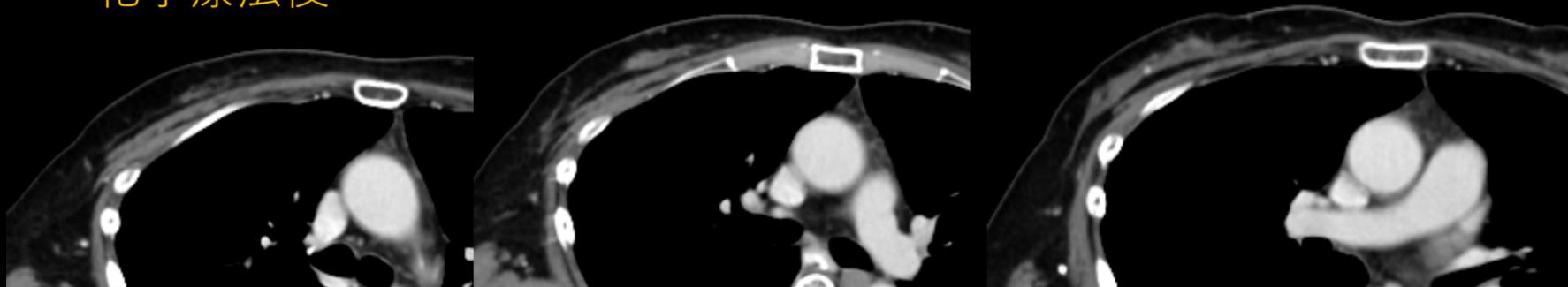


化学療法前

治療効果は？



化学療法後



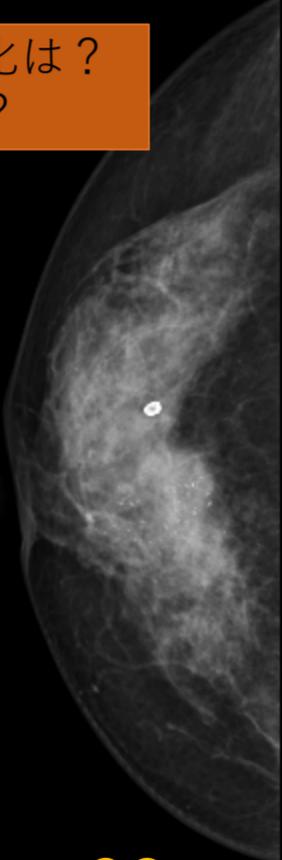
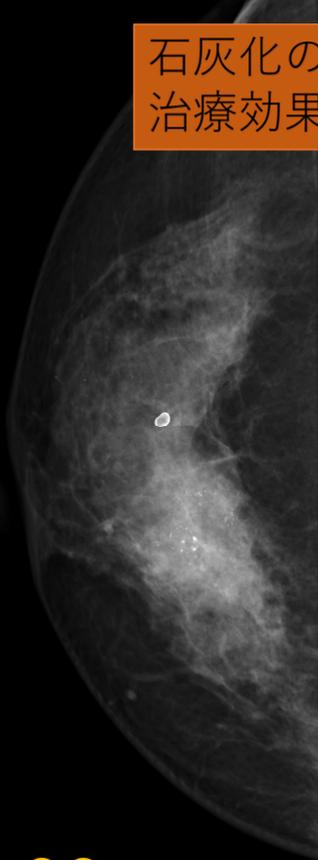
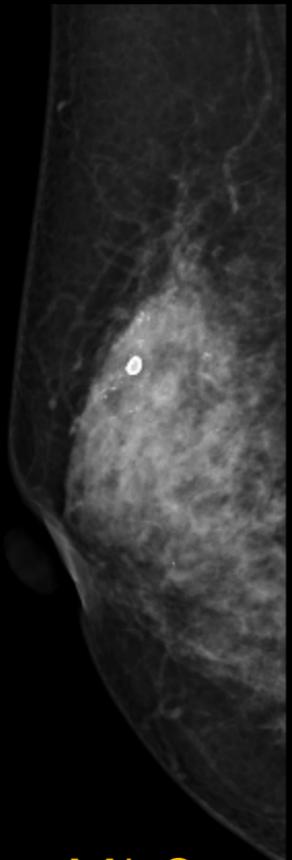
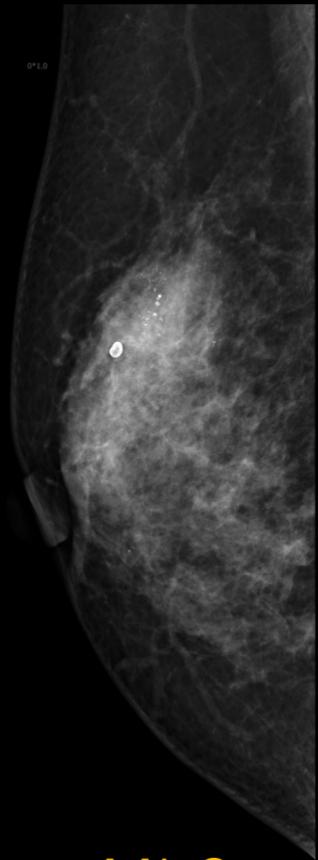
化学療法前

化学療法後

化学療法前

化学療法後

石灰化の変化は？
治療効果は？



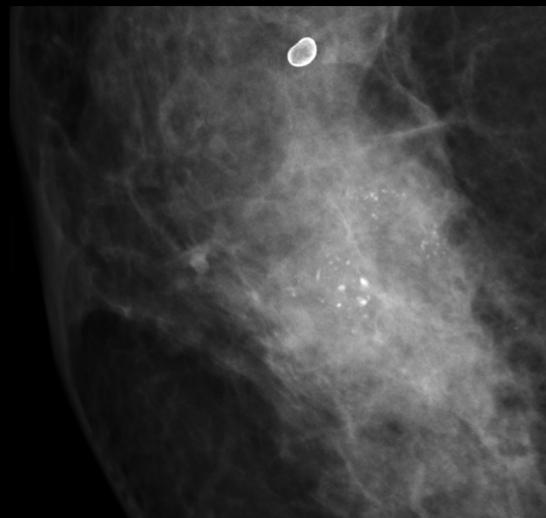
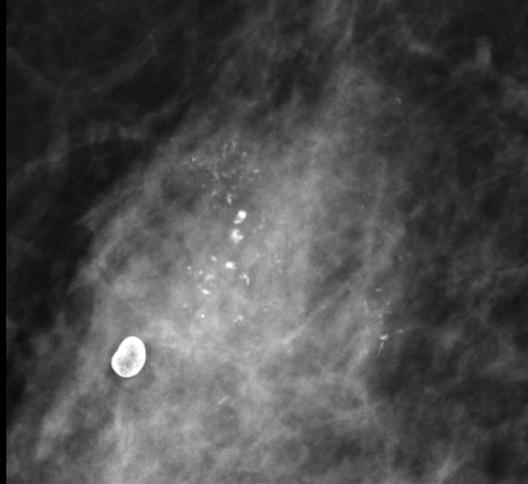
MLO

MLO

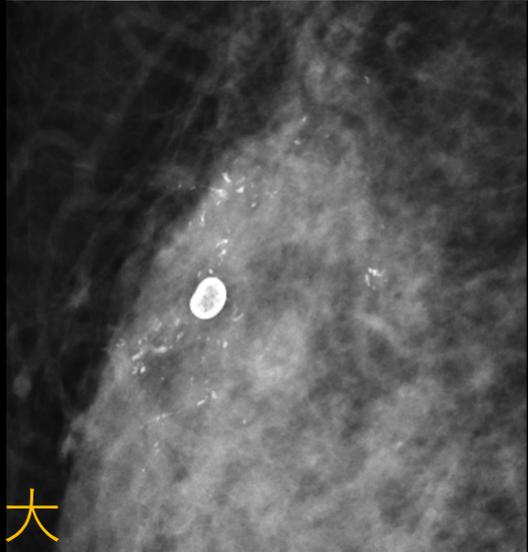
CC

CC

化学療法前



化学療法後



MLO拡大

CC拡大