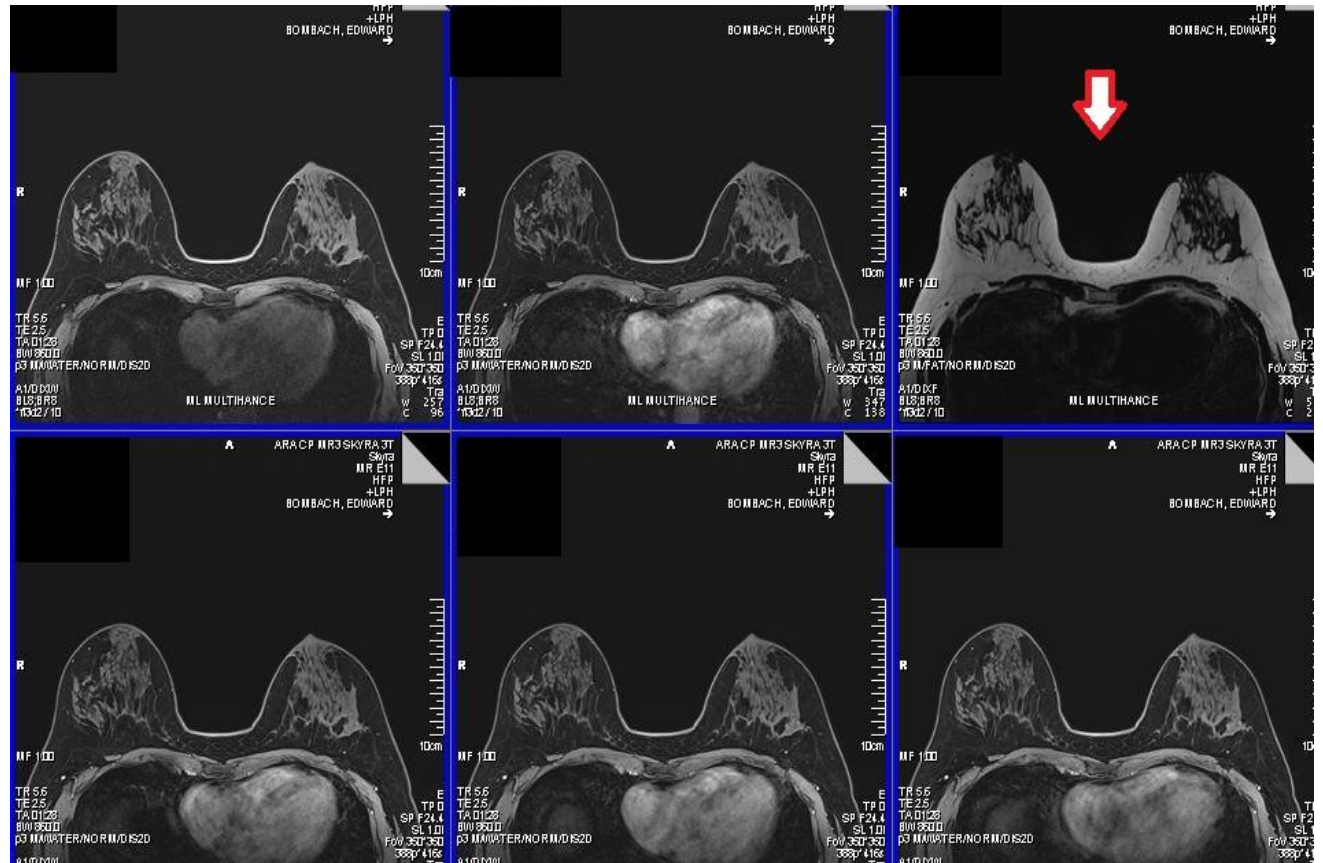


Correcting MRI Breast DIXON Swap with T1 Axial Dynamic

Occasionally the pre or post contrast T1 axial dynamic DIXON images will swap the fat sat to the images labeled “F” instead of “W”.

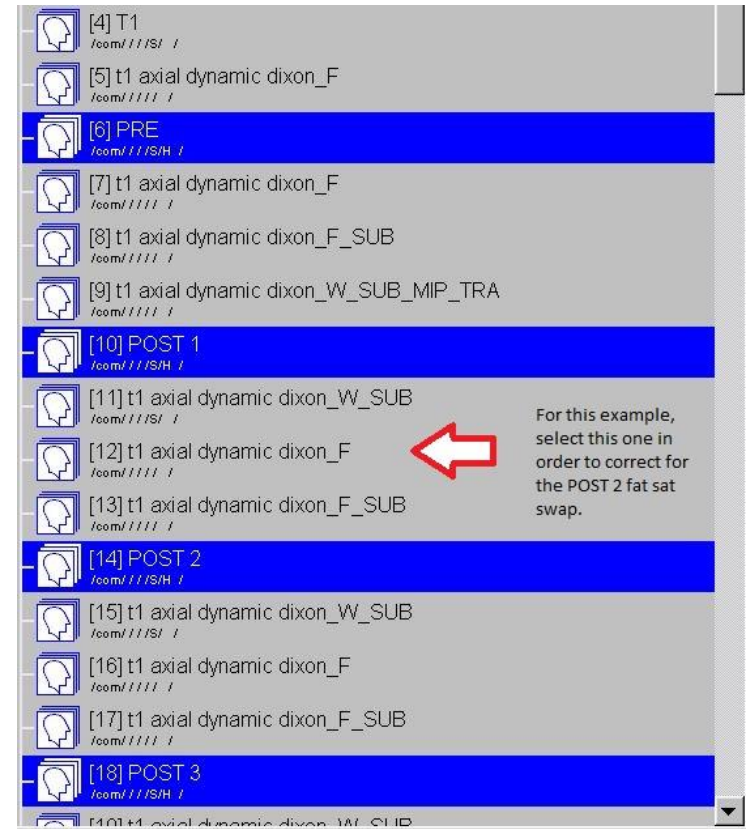
This occurrence will affect the proper subtraction of images and consequently interfere with the automatic MIP production from which the **TIME MIP** is created. Whether it happens on one or multiple sequences, take the following steps before sending images to PACS.



STEP 1

Patient Browser

- Identify each sequence with the proper fat sat and label them as: PRE, POST 1, POST 2, POST 3, POST 4, and POST 5



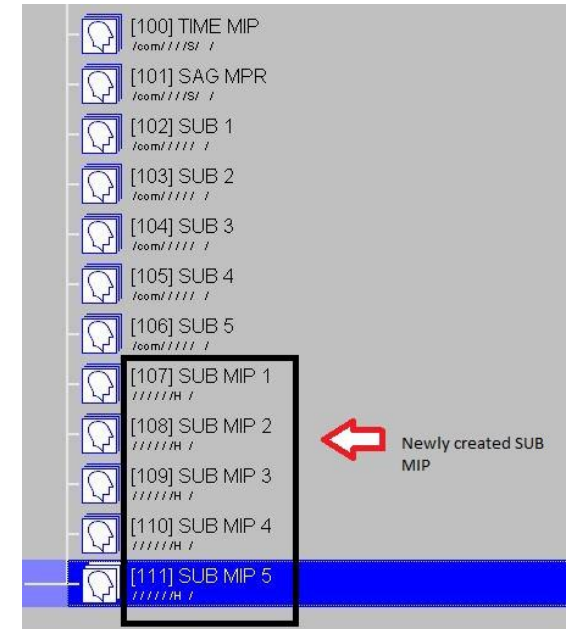
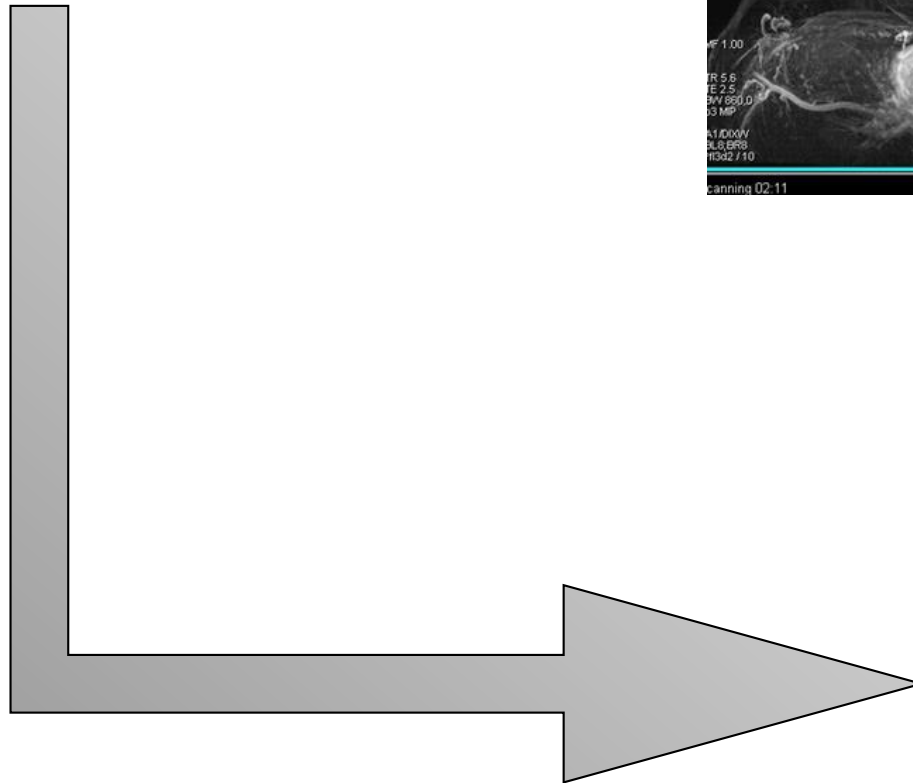
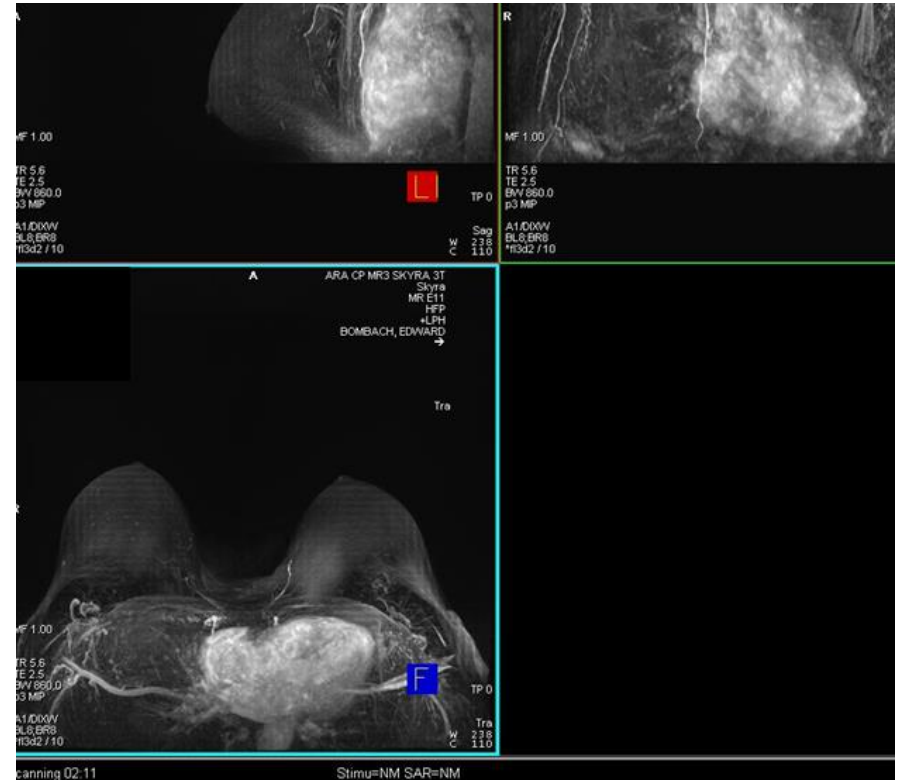
STEP 2

- Create new subtractions from the PRE and all POST sequences (Evaluation > Dynamic Analysis > Subtract) and label them as: SUB 1, SUB 2, SUB 3, SUB 4, and SUB 5



STEP 3

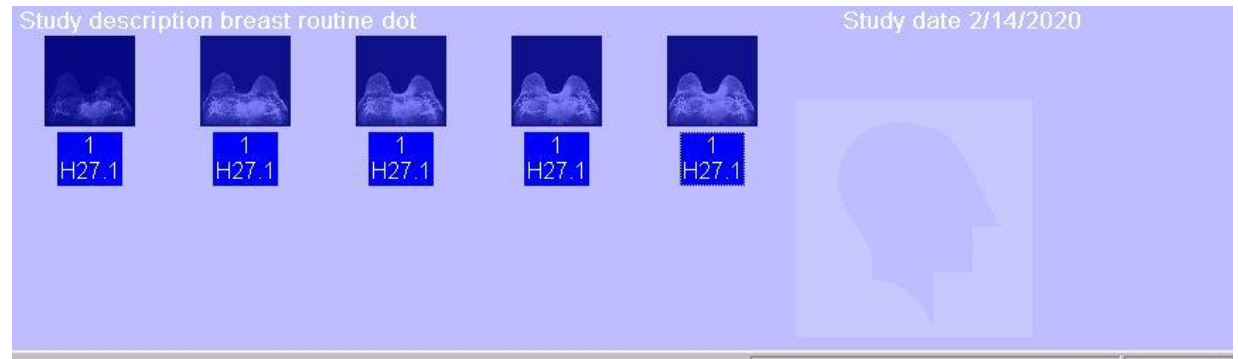
- Create an axial MIP for each set of new subtractions
(Select the SUB sequence > Applications > 3D > MIP)
- Click on the axial plane on the MIP view
- Select the “save all images in one series”
- Label each set as SUB MIP 1, SUB MIP 2, SUB MIP 3, SUB MIP 4, and SUB MIP 5.



STEP 4

Patient Browser:

- Select each newly created MIP and send to the Viewer.

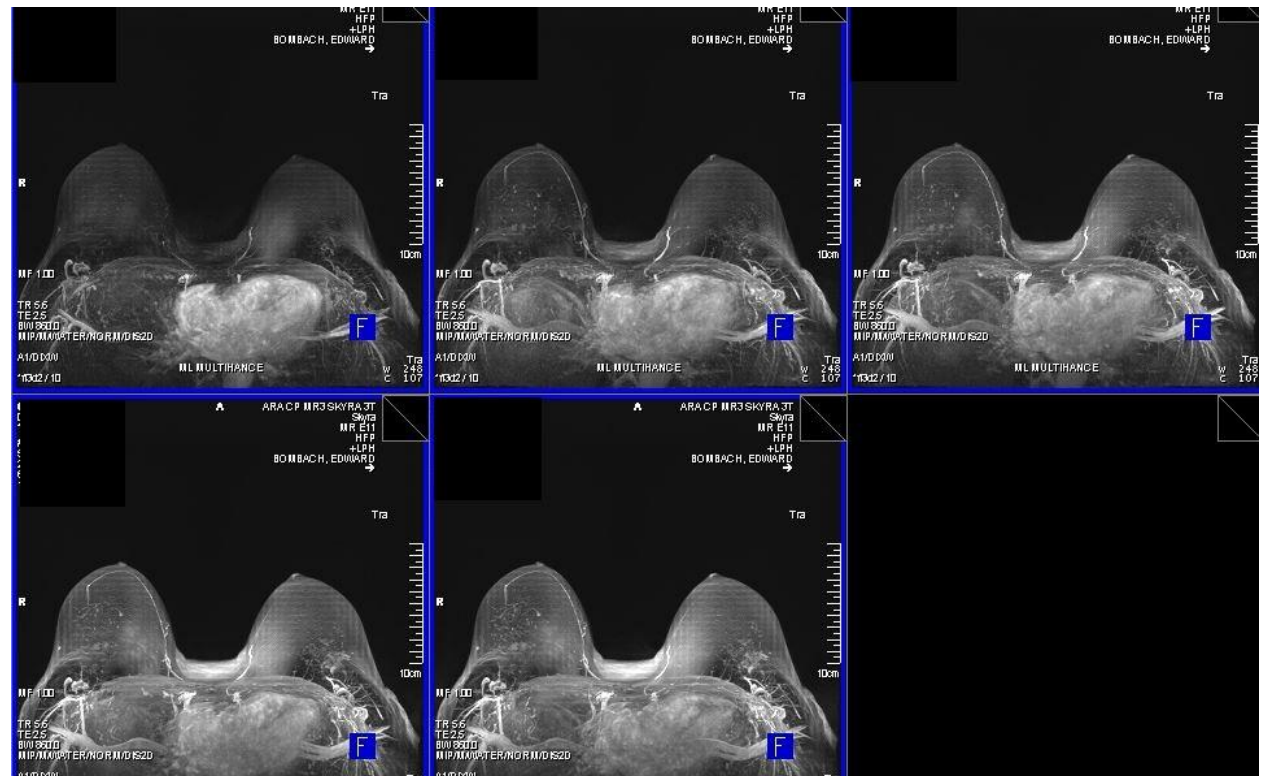


STEP 5

Viewing Tab:

- Select each image
- Select the “save all images in one series”

This will be the new corrected **TIME MIP**



STEP 6

Patient Browser:

- Create the “SAG MPR” from the POST 2
- Send correct FS images to Breast CAD and ARA PACS