



4145 Carmichael Road, Montgomery, AL 36106
+ A BAPTIST HEALTH FACILITY

PROCEDURE INFORMATION FOR:

Maranda J. Fain
9095 Helena Dr
Pike Road, Alabama 36064
Home: 334-300-2591
PID#: 00066419
Alt PID#: B000198759
Acct#: 2407201962
Exam#: 2404301891
DOB: 1/20/1989
Age: 35

ATTENTION:

GREGORY A. WALLER MD
495 Taylor Road
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FINAL REPORT

#00000MR20240008030 - MR BREAST W/WO CONT-W/CAD BILAT

Breast MRI OF BOTH BREASTS- WITH CAD: 3/12/2024

CLINICAL: High-risk screening MRI. Patient has an elevated lifetime risk of breast cancer greater than 20% according to the Tyrer Cuzick model. Family history of breast cancer in a first-degree relative (mother).

COMPARISONS: Comparison is made to exams dated: 9/8/2023, 9/8/2023, 1/3/2022 Montgomery Breast Center, and 8/18/2021 OB/GYN Associates of Montgomery.

TECHNIQUE: Interpretation of this MRI was correlated with available mammograms and ultrasounds. Gadolinium contrast calibrated to patient weight was injected. Axial T1, T2, sagittal T1, pre and post contrast T1, and coronal images were obtained with a dedicated breast coil. Post processing was performed including computer generated subtraction, color parametric mapping, computer aided calculations of any tumor volumes and dimensions, and 3D multiplanar reconstruction.

FINDINGS: The breasts are heterogeneously dense.

Bilateral background breast enhancement is moderate. Current study was also evaluated with a Computer Aided Detection (CAD) system.

Multiple areas of ovoid enhancement scattered throughout the right breast with benign type enhancement kinetics. For instance, in the right breast at 1:00 posterior depth, there is a 0.9 x 0.6 cm oval mass. In the right breast at 10:00 posterior depth, there is a 1.6 x 1.2 cm oval mass. In the right breast at 7:00 middle depth, there is a 0.9 x 0.5 cm oval mass. In the right breast at 5:00 posterior depth, there is a 1.0 x 0.6 cm oval mass.

2 adjacent ovoid enhancing areas in the lower outer quadrant of the left breast at 3:00/4:00 which measure 1.1 x 0.9 cm middle depth and 1.3 x 0.7 cm posterior depth, with benign type enhancement kinetics.

Bilateral subglandular silicone breast implants intact. No enlarged or morphologically abnormal axillary or internal mammary chain lymph nodes.

IMPRESSION: INCOMPLETE: NEED ADDITIONAL IMAGING EVALUATION

Multiple bilateral ovoid enhancing areas in both breasts with benign type enhancement kinetics. Complete right breast ultrasound and targeted left breast ultrasound recommended to assist in differentiating atypical background parenchymal enhancement from multiple masses.

The patient has or will receive a written notification of results in lay terms.
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#00000MA20240013828 - MA US BREAST LIMITED BILAT

ULTRASOUND OF BOTH BREASTS: 3/14/2024

CLINICAL: Second Look ultrasound from first high risk screening breast MRI: Multiple bilateral ovoid enhancing areas in both breasts with benign type enhancement kinetics. Complete right breast ultrasound and targeted left breast ultrasound recommended to assist in differentiating atypical background parenchymal enhancement from multiple masses.

COMPARISONS: Comparison is made to exams dated: 9/8/2023, 9/8/2023, and 3/12/2024 Montgomery Breast Center.

TECHNIQUE: Color flow and real-time ultrasound of both breasts were performed. Gray scale images of the real-time examination were reviewed.

FINDINGS: All quadrants and the retroareolar region of the right breast were examined. At the 1 o'clock position 6 cm from nipple there is a 1.4 x 0.5 x 1.1 cm mildly heterogeneous hypoechoic oval mass with parallel orientation and hyperechoic margin with angular margin which correlates with one of the MR findings. No internal vascularity is identified with color Doppler imaging.

Targeted ultrasound of left breast demonstrates 2 similar-appearing circumscribed oval hypoechoic masses with parallel orientation located at the 3 o'clock position 7 cm from nipple and 4 o'clock position 5 cm from nipple measuring 0.7 and 0.9 cm in greatest diameter, respectively, typical of fibroadenomas.

IMPRESSION: ULTRASOUND SUSPICIOUS OF MALIGNANCY

1.4 cm mass at 1 o'clock position of right breast. Ultrasound-guided needle biopsy is recommended and will be scheduled by the breast center.

The patient has or will receive a written notification of results in lay terms.

Mary Karst M.D.

mk/penrad.3/14/2024 09:52:37

Imaging Technologist(s): Rebecca Stephens, RDMS, Montgomery Breast Center
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