

## **Pathology Results**

All signed cases with BI-RADS of 4 or 5 (biopsy recommendations) will be listed on the ACR Category 4/5 Follow up WL under the Mammo Menu.



#### BIRAD 4/5 patients will be listed here

| ACR  | Cat. 4/5 F  | ollow-Up WL (2 | 2) ×               |           |              |           |      |                    |      |                  |           |    |
|------|-------------|----------------|--------------------|-----------|--------------|-----------|------|--------------------|------|------------------|-----------|----|
| ଁ ଅ  | (use locati | on filter)     | - T <mark>x</mark> |           | BI-RAD       | OS 4/5    |      | DEMO BI-RADS 4     | /5   | Ŧ                |           |    |
| Flag | s Status    | Procedures     |                    |           |              |           | S    | cheduled Date      | Ref  | erring           | First Nar | me |
|      | т т         |                |                    |           |              |           | Ŧ    |                    | T    |                  | T         | Ŧ  |
|      | Signed      | MA Digital M   | lammo S            | Screen B  | ilat [G0202] | ] - Bilat | . 06 | 6-03-2007 5:09 PM  | Wils | son, John        | Allison   |    |
|      | Signed      | MA Digital M   | lammo D            | iag Bilat | [G0204] -    | Breast    | 03   | 3-11-2016 10:38 AM | Wa   | shington, George | Hilary    |    |

Click the Follow-Up button or double click the patient to:

- Track attempts to obtain pathology results.
- Add pathology data once received.
- Please note that recommendations made in a Legacy System must be tracked in the system from which the recommendation originated. The pathology report can be scanned into eRAD RIS for reference and if the radiologist wishes to dictate an addendum to the report, this can be done in eRAD as well.

Follow Up



**eRAD RIS** 

The Contact Log should be used to record attempts to obtain pathology results for biopsies performed at an outside facility. There is a Contact Type called Pathology Requested.

| ACR Ca  | at. 4/5 Follow-L | Jp WL (2) Follow Up         | BECKETT, Allis | son #346604 🗙 |   |         |
|---------|------------------|-----------------------------|----------------|---------------|---|---------|
| Patient | t Order Biop     | osies Contact Log           |                |               |   |         |
| Next I  | Follow Up MM     | 1-dd-yyyy 🔢 Next Fo         | ollow Up Type  |               |   | ×       |
| Conta   | ict Log          |                             |                |               |   |         |
|         | Notes            | Date                        | Contac         | t by          |   | Туре    |
| ſ       | 6                |                             |                |               |   |         |
|         | Contact De       | Chris oDAD Skinner          |                |               | × |         |
|         | Contact by       |                             | -39 PM         |               |   |         |
|         | Date             | 07-05-2018 2:38 PM          |                |               |   |         |
|         | Contact type     | RADAR QuickMessage          | <b>*</b>       |               |   |         |
|         | Notes            |                             |                |               |   |         |
|         | Contacted D      | r's office for pathology re | sults          |               |   |         |
|         |                  |                             |                |               |   |         |
|         |                  |                             |                |               |   |         |
|         |                  |                             |                |               |   |         |
|         |                  |                             |                |               |   | Add Vie |
| Re      |                  |                             |                |               |   |         |
|         |                  |                             |                |               |   |         |
|         |                  |                             | OK             | Cancel        |   |         |
|         |                  |                             |                | Cancer        |   |         |

If the case is to be resolved without a biopsy being performed, due to the patient or referring physician choosing an alternate course of action or if you have not been able to obtain pathology results after your designated number of attempts, enter an appropriate Contact Log entry and then check the Resolved checkbox on the Contact Log tab. Choose the corresponding reason on the pop-up window.

| Resolved   |    |
|--|----|
|  |    |
| Cerad RIS  | 23 |
| Please select a reason   |    |
|  | -  |
| Alternate Course of Action Chosen by MD<br>Lost to Follow Up<br>Other<br>Patient Refused |    |



### eRAD RIS Pathology Results

| Follow Up: BECKETT, Alliso | in #346604 🗙 |            |
|----------------------------|--------------|------------|
| Patient Order Biopsies     | Contact Log  |            |
| Mammo Biopsies             |              |            |
| Date performed             | Technique    | Laterality |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            |              |            |
|                            | Add Ed       | dit Remove |

To add a biopsy to the record, click the Add button and enter the following information:

- Performing Surgeon To select the radiologist or other physician who performed the biopsy, we must have that doctor marked as a surgeon in eRAD. All of the surgeons are listed in the dropdown menu alphabetically.
- <sup>@</sup> Biopsy Location -- Enter the name of the facility where the biopsy was performed.
- <sup>@</sup> Biopsy Technique -- Click the drop-down to select a technique from the list.
- Date Performed -- Enter the date of the procedure or click the calendar button to select a date.
- Lesion Classification -- Choose Benign, High Risk Benign, or Malignant to classify the lesion.
- @ Breast Side -- Choose which breast was biopsied.
- Performed -- Indicate where the biopsy was performed.
- Additional Surgery -- Indicate whether further pathology from additional surgery or a follow-up biopsy is required for a diagnosis. This is usually only selected if the pathology results are not concordant with the imaging findings or the sample is insufficient and repeat biopsy is recommended. However, some sites keep the patient on the list to obtain Surgical Pathology results in addition to the MQSA-required pathology. The user must choose one of these options:
  - Required Patient will remain on the BI-RADS 4/5 Worklist until additional pathology is entered
  - Not Required Patient will drop from the BI-RADS 4/5 Worklist and the Follow Up option below becomes active



#### eRAD RIS Pathology Results

For Follow Up, choose either Required or Not Required.

@ If Required is selected, you will see the following pop-up window:

| Туре: | Back on schedule    |   |
|-------|---------------------|---|
|       | Short Term Follow U | p |
| Site: |                     | - |
|       |                     |   |

- Ce Depending on the results of the exam and the radiologist's recommendation, you can choose either Back on Schedule for the patient to receive a Reminder Letter for their annual exam OR Short Term Follow Up to generate a Reminder Letter for a diagnostic mammogram or breast ultrasound to be performed at a shorter interval. Either way, be sure that the correct Target Date is chosen in order to generate the Reminder Letter appropriately.
- If Not required is selected for an ACR Category 4/5 exam, the follow-up auto-resolves from the Worklist and the patient will <u>not</u> receive a reminder letter for a future breast imaging exam.
  - There is a Notes field that can be used for additional information.

Technical: Fill in any applicable information for the fields on the right side of the screen if desired. The only *operationally* required field in the Technical section is "Pathology Codes;" see below for details.

- Wipple Involved -- Indicate whether the biopsy involved a nipple.
- Tumor Size -- Enter the size of tumor, in millimeters, in this field.
- Nodes Removed -- Enter the number of nodes removed.
- Nodes Positive -- Enter the number of nodes that were positive.
- CE Estrogen Receptor -- Indicate whether the estrogen receptor was positive or negative.
- *Progesterone Receptor -- Indicate whether the progesterone receptor was positive or negative.*
- Stage -- Enter the clinical stage of any malignancy.
- S Phase -- Enter the S phase of the cells.



- @ Margin Status -- Indicate whether the margin status is involved or uninvolved.
- Pathology Codes -- Enter any pathology codes that correspond to the biopsy. Start typing the pathology description to find a match, or click in the field and hit space bar to see a list of all possible choices. More than one selection can be made.
- <sup>©</sup> Differentiation -- Enter the differentiation: well, moderate or poor.

| Add Mammo Biopsy      |                   |                         |                                 |                          |                |                | - (            | 3     |
|-----------------------|-------------------|-------------------------|---------------------------------|--------------------------|----------------|----------------|----------------|-------|
| Include Flags         | Status Procedur   | es                      |                                 | Referring                | Accession #    | BI-RADS®       | Signed By      | MRI   |
|                       |                   |                         |                                 |                          |                |                |                |       |
| A 1                   | Signed MA Digita  | al Screening Mammo Bila | at W CAD [G0202C] - Breast - B  | TEST, RADIOLOGIST A MD   | 1100019192-RTR | 1              | Kotani, Ale    | x 113 |
| 🗆 🚸 🗾 C               | Signed MA Digita  | al Screening Mammo Bila | at W CAD [G0202C] - Breast - B  | TEST, RADIOLOGIST A MD   | 1100009470     | 0              | Clark, Alex    | 113   |
| • 🔽 🚸 📃 🛛             | Signed MA Digita  | al Diagnostic Mammo Bi  | lat W CAD [G0204C] - Breast - E | 3 TEST, RADIOLOGIST A MD | 1100009471     | 4              | Clark, Alex    | 113   |
|                       |                   |                         |                                 |                          |                |                |                |       |
| 4                     |                   |                         |                                 |                          |                |                |                | Þ     |
| General               |                   |                         |                                 | Technical                |                |                |                |       |
| Performing surgeon    | Baladandapani, Pa | arameshwari             | <b>•</b>                        | Nipple involved          | () Y           | es (           | 🔿 No           |       |
| Biopsy location*      | TRMG-RW           |                         |                                 | Tumor size               |                | mr             | n              |       |
| Biopsy technique*     | Stereotactic core | biopsy                  | <b>~</b>                        | Nodes removed            |                | *              |                |       |
| Date performed *      | 04-01-2015        |                         |                                 | Nodes positive           |                | *              |                |       |
| Lesion classification | n 🖲 Benign        | 🔘 High Risk Benign      | ) Malignant                     | Estrogen receptor        | (·             | +) (           | ◯ (-)          |       |
| Breast side           | 🔘 Left            | O Both                  | Right                           | Progesterone recent      | n Qu           |                | 20             |       |
| Performed             | Internal          | External                |                                 | Stage                    | ·· • • • •     | •) (           | ©(-)           | Ţ     |
| Additional surgery    | Not Required      | Required                |                                 | Sphase                   |                |                | ×              |       |
| Follow up             | O Not required    | Required                |                                 | Margin status            | ) Ir           | nvolved (      | Uninvolve      | d     |
|                       | Create Follow Up  |                         |                                 | Pathology codes          | Fibro          | Fibroadenoma x |                |       |
| Notes                 |                   |                         |                                 |                          |                |                |                |       |
|                       |                   |                         |                                 |                          |                |                |                |       |
|                       |                   |                         |                                 | Differentiation          | () v           | Vell differen  | ntiated        |       |
|                       |                   |                         |                                 |                          | () N           | loderately o   | differentiated |       |
|                       |                   |                         |                                 |                          | () P           | oorly differ   | entiated       |       |
|                       |                   |                         |                                 |                          | Sa             | ve             | Cancel         |       |

Before saving, please note that you have the option to copy the biopsy information to other BI-RADS enabled exams, such as mammography, breast ultrasound, or breast MRI. If you do so, the information will be added to the other exam's biopsy grid. However, if the other exam is on a worklist (BI-RADS 0 or BI-RADS 4/5) it will not automatically resolve the entry, in case additional steps are required.



- In the example illustrated above, you might consider checking the box for the BI-RADS 0 screening that occurred before the BI-RADS 4 recommendation, since the BI-RADS 0 ultimately lead to the biopsy recommendation.
- Click the Save button to add the biopsy information. When saved, the biopsy is added as a row to the Mammo Biopsies grid. Click the Edit button to modify it, or click the Remove button to delete it. You may add a second biopsy by clicking Add.

| nt | Order Biopsies | Contact Log             |             |
|----|----------------|-------------------------|-------------|
| am | mo Biopsies    |                         |             |
|    | Date performed | Technique               | Laterality  |
| D  | 04-01-2015     | Stereotactic corebiopsy | Right       |
|    |                |                         |             |
|    |                |                         |             |
|    |                |                         |             |
|    |                |                         |             |
|    |                |                         |             |
|    |                | Add                     | Edit Remove |

Then click Save at the bottom of the Follow-Up tab.

- As long as you do not have "Additional Surgery Required" checked off, the exam will drop off of the BI-RADS 4/5 WL.
- The results will now be included in any MQSA statistics and can be accessed by opening the Patient Folder and opening the exam which recommended the biopsy in View/Edit mode. The results can be found on the Mammography tab.
  - This tab can also be accessed to add pathology results for a breast imaging exam that was not a BI-RADS 4 or 5, if you become aware of a malignancy.
  - When accessed via the Patient Folder, there is an additional option for entering pathology. The Cancer Finding box next to the Mammo Biopsies grid can be used when you do not have enough information to complete the normal biopsy entry, as is sometimes the case with incidental cancers. You do not need to use both.



# eRAD RIS Pathology Results

| IO BIODSIES    |           |     |            |        | CancerFinding   |            |  |
|----------------|-----------|-----|------------|--------|-----------------|------------|--|
| Date performed | Technique |     | Laterality |        | Positive cancer | finding    |  |
|                |           |     |            |        | Date of finding | mm-dd-уууу |  |
|                |           |     |            |        |                 |            |  |
|                |           |     |            |        |                 |            |  |
|                |           |     |            |        |                 |            |  |
|                |           |     |            |        |                 |            |  |
|                |           |     |            |        |                 |            |  |
|                |           |     |            |        |                 |            |  |
|                |           | Add | Edit       | Remove |                 |            |  |