

# **User Release Notes**

for eRAD RIS  
Version 1.0  
Build 34

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## **1. Purpose**

This document describes some of the new features and changes implemented in eRAD RIS as of the end of Sprint 34. This version of eRAD RIS is referred to as Build 1.34.

Only features which can be visually demonstrated to the user will be outlined in this document.

## **2. Intended Audience**

This document is created by the RIS Development team for the RadNet RIS management team.

## **3. Installing/Accessing the Application**

The installation guide for the eRAD RIS client have been posted to the RadNet Wiki page at <http://mdbal01rdtweb/Wiki/>

Under the RIS menu, click on the rRIS page. The credentials to access the page are:

Username: rRIS

Password: Summerside

*Please note that Build 1.34 is considered a new core release of the application and will require a reinstallation of eRAD RIS. This is accomplished by navigating to the eRAD RIS shared installation drive and running the CoreInstall.bat file (ex: I:\RISDeployment\CoreInstall.bat)*

If you experience difficulties accessing the application, please do not hesitate to contact Darcy Noye with the PEI RIS Development Team.

## 4. New Features and Enhancements

### TWAIN Scanning

Originally the eRAD RIS was going to support WIA (Windows Image Acquisition: [http://msdn.microsoft.com/en-us/library/windows/desktop/ms630368\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/windows/desktop/ms630368(v=vs.85).aspx)) scanning only. Most modern scanners support WIA technology with updated drivers from the manufacturer. There are some that have not provided support and do not intend to provide support for pre-existing hardware.

Build 34 will now support TWAIN as well as the existing support we had for WIA. In the figure below you will see a new menu option under the File Menu titled Scanning. The sub menu provides the user with the option to select the type of scanning they require.

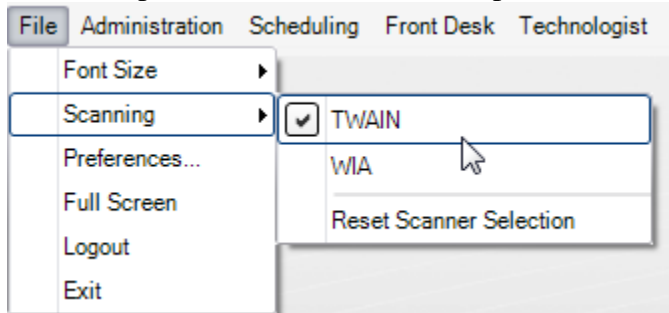
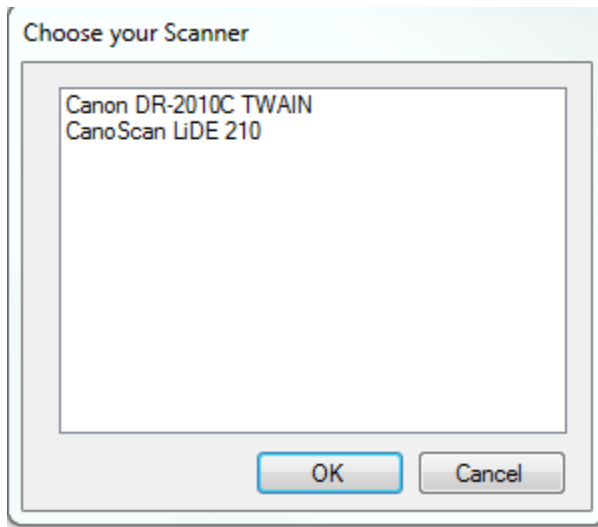


Figure 4.1 – File > Scanning menu

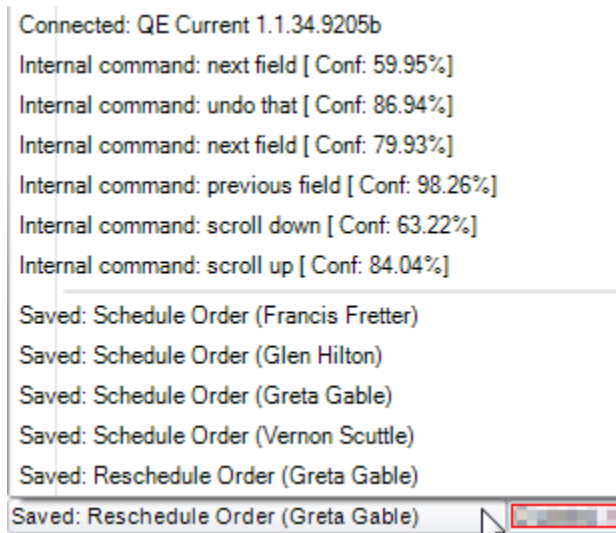
Also, in the above menu, is the option “Reset Scanner Selection”, which is used to reset the default scanner for cases where the user has more than one scanner to choose from and wants to switch scanners or the previously used scanner has been disconnected. After choosing “Reset Scanner Selection”, the next time the user performs a scan they will receive a prompt to select a scanner.



**Figure 4.2 – Choose your Scanner selection box**

## Enhancements to Status Area

To make the status message area more usable, we've split the context based menu items and non-context based status messages as displayed below



**Figure 4.3 – Enhanced Status Area**

The non-context items show at the top above the status area separator in order that they occurred (up to 12 items). As you can see in the figure above it is displaying messages for internal commands and are displaying the type of command (Internal or Custom) the command issued (next field, Scroll down, etc.) and the confidence that the recognizer determined the speech ([Conf: 86.94%]).

The context based status messages are displayed at the bottom of the list. The text showing on the actual status bar in this case “Saved: Reschedule Order (Greta Gable)” is the last thing that was written regardless of context.

## MU Screen Changes

Changes were identified as needed in order to improve usability of certain MU features.

- 1) The eLab button was removed completely.
- 2) The eRx button is security driven.
- 3) Moved the blood pressure, the patient education and the immunization grid to the hidden MU window.

The screenshot shows a software window titled "Meaningful Use" with a close button in the top right. The window contains two main sections. The top section is a list of checkboxes for various patient care tasks, arranged in two columns. The bottom section is titled "Immunizations" and contains a table with columns for Vaccine, Date, Qty, Units, and Lot #. Below the table is a scroll bar and a button labeled "Click here to add a new row". At the bottom right of the window are two buttons: "Encrypt File" and "Export HL7".

☐ Provided Clinical Summary to Patient

☐ Administered Influenza Vaccine

☐ Provided Educational Resources

☐ BMI Follow Up Plan

☐ Medical Reconciliation

☐ BMI Dietary Consultation

☐ Electronic Access to Health Record

☐ Cessation Counseling

☐ Transition of Care to Another Provider

Blood Pressure:  /

Lab Orders Placed

Lab Orders Received

☐ Transition of Care Summary Provided

### Immunizations

Vaccine	Date	Qty	Units	Lot #
Adenovirus, type 4 and type 7, live, oral	02-08-2012	1 L	3	O

Click here to add a new row

Encrypt File ☐ Export HL7

**Figure 4.4 – Hidden MU window changes**

- 4) Visit Tab has been added to the Perform Exam workflow.

Technologist WL (1) **Perform Exam** (Vernon Scuttle) x

Include	Flags	Status	Procedures	Scheduled Date	Referring	Room	Accession #	Read STAT	Sedation	Exam STAT	Modality Type
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Arrived	XR RIBS 2 OR MORE VIEWS, UNILAT [71100] - Chest	02-17-2012 3:50 PM	Darcy Noye	XR1LU	1010233				XR

Patient Order Documentation Billing Codes Attachments Notes / Exam Times **Visit** Image Request (0)

**Demographics at Encounter**

Height:  Weight:  lbs BMI:

Smoking Status:  ☐ Is Pregnant

**Clinical Summary**

Continuity of Care Record (CCR) View External Clinical Document

**Medications**

☐ None ☐ Use Grid ☐ Show Inactive

Date	Medication	Physician	SIG Text
12-14-2011	Lipitor 20mg tablet	Darcy Thane...	1 tablet as di...

**Allergies**

☐ None ☐ Use Grid

Allergy	Reaction	Severity	Status	Start
▶				

**Figure 4.5 – Visit tab for Technologists**

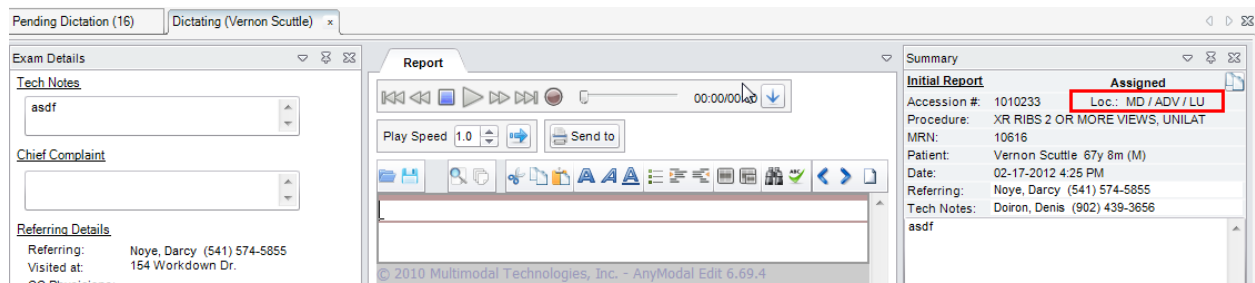


## Organization Added to Exam Information of Summary / Exam Details

It was requested to have the Organization path added to the reporting window. In build 34, the Exam Details and the Summary pane now display this information. If the exam was from an outside read, the side will be indicated as “OUT” as displayed in figure below.

The screenshot shows a software interface with two main panes: 'Exam Details' on the left and 'Report' on the right. The 'Exam Details' pane contains several sections: 'Tech Notes' (with a text area and a mouse cursor), 'Chief Complaint' (with a text area), 'Referring Details' (with fields for Referring: Noye, Darcy (541) 574-5855, Visited at: 154 Workdown Dr., and CC Physicians:), 'Exam Information' (with fields for Location: MD / ADV / OUT, Accession #: 1009808, Procedure: FL Arthrogram Elbow MR [FL 3], Scanner: OutsideRead\_XR, Body Part: Elbow, Laterality:, Primary Tech: Tech, Outside, and Assisting Tech(s)), and 'Patient Information' (with Name: Yena Xroller, 55y, 6m (F)). The 'Report' pane shows a 'Report' tab, navigation buttons, and a copyright notice '© 2010 Multimodal'. The 'Location' field in the 'Exam Information' section is highlighted with a red box.

Figure 4.6 – Exam Details of dictating / reporting window



**Figure 4.7 – Summary pane of dictating / reporting window**

## Medical Transcriptionist Reminder On Save

When transcribing reports the transcriptionist has the ability to assign the report to another user or to the problem or QA work lists.

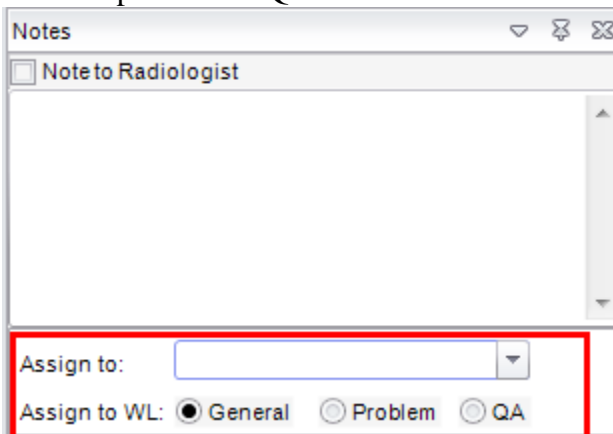


Figure 4.8 – Reporting window, Notes data pane showing the ability to assign to a user or work list

A reminder in the form of pop-up messages has been added when the Transcribe button is selected.

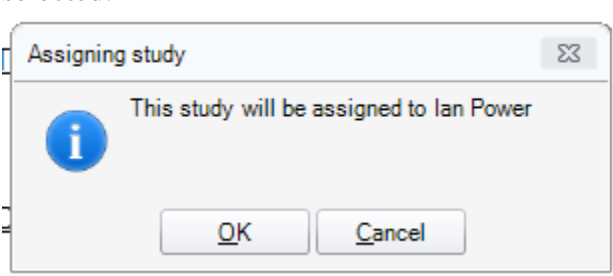


Figure 4.9 – Assigning to a user

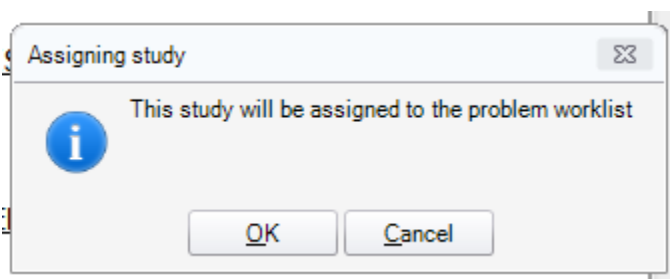


Figure 4.10 – Assigning to a work list

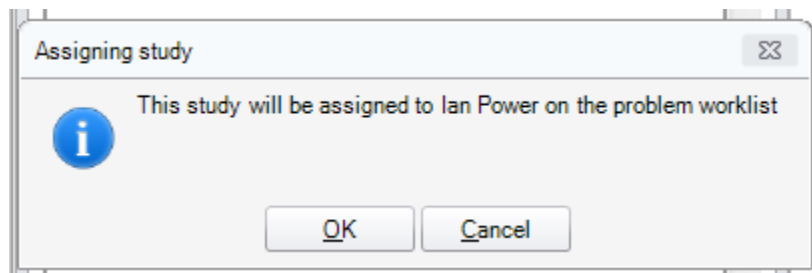


Figure 4.11 – Assigning to a user and a work list

### Suspending from Work List Permissions

Two new access strings have been added to control who and when the suspend from work list options are available.

1. Clinical.SuspendStudyFromOtherUser
2. Clinical.UnsuspendStudyFromOtherUser

These access strings gives the user the permission to Suspend and Unsuspend pretty much anything regardless who owns it at the time.

If a user doesn't have these permission(s) then he can only

- Unsuspend – when the job is suspended by the current user.
- Suspend
  - Exam done
    - If it's not dictated yet, the user can suspend it if he is the assigned radiologist, or if it's not assigned to any radiologists
    - If it's dictated, the user can suspend it if he is the dictating radiologist.
  - Dictated or Report Drafted
    - The user can suspend if he is the dictating radiologist or if he is the assigned MT
  - Transcribed
    - The user can suspend if he is the dictating radiologist or if he is the MT that transcribed.

## Interactive Panel Event Logging

The Interactive Panel is accessed from the Radiologist menu. The menu option is controlled by the access string **Clinical.Rad.InteractivePanel**. By default this access string is set to none in the access string lookup table and must be added to the UserGroupPermission lookup table. As the access string would suggest, it would be available to Radiologist group.

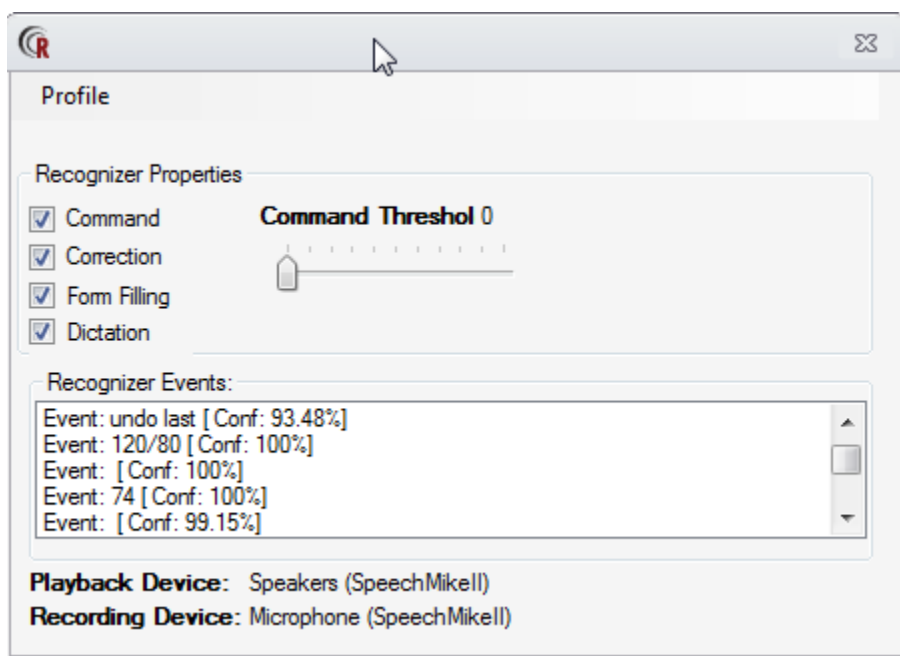


Figure 4.12 – Interactive Panel

The Interactive control panel listens to the recognizer events and writes the recognized utterance and the confidence level at which it recognized it.

This can be opened and remain visible, drag it out of the way, while the user is dictating.

**Note:** events will not be written to the log while the Interactive Panel is closed to save resources.

The Recognizer Properties control what interactive commands / dictation events that can be used in the document. For example if the flag for “Command” is removed, voice commands such as “go to the end of the Findings section” will no longer be accepted in the document.

There are no save, ok or cancel buttons in this window. If a flag is selected / unselected, it will be saved when the window is closed.

## Spell Check Prompts

From the reporting window, if there is spelling errors detected in the report, once the user selects the Sign or Transcribed buttons the user will be prompted asking if they would like to correct the errors.

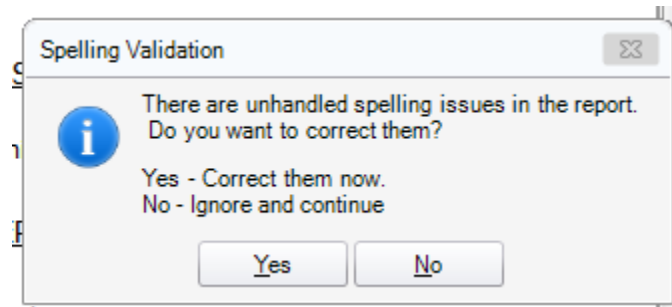


Figure 4.13 – Spelling Error Message Prompt

Selecting “Yes” will open the spell check window giving the user the options to Ignore, Change, Add, etc...

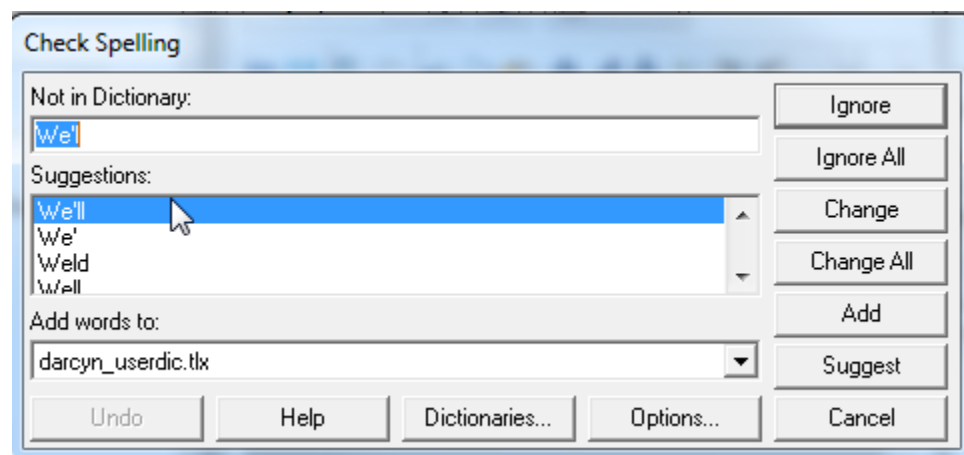


Figure 4.13 – Check spelling dialogue window

## **Extended Field Functionality**

We added the “cue” attribute which can be defined when editing/creating a field in a document. This cue field will set the rules which define what needs to be dictated to move the cursor position to the field or to place dictation content in the field. There are several rules which are set forth by the JSGF standard.

Here is an example cue: “ **[fetal] biophysical [profile] score | biophysical profile**”. There are several important characteristics in this definition. Anything in “[ ]” indicates that it may or may not be spoken. The “|” character is an “or” conditions. So in the example the same result would happen if we said the following commands.

- Fetal biophysical profile score
- Biophysical score
- Fetal biophysical score
- Biophysical profile score

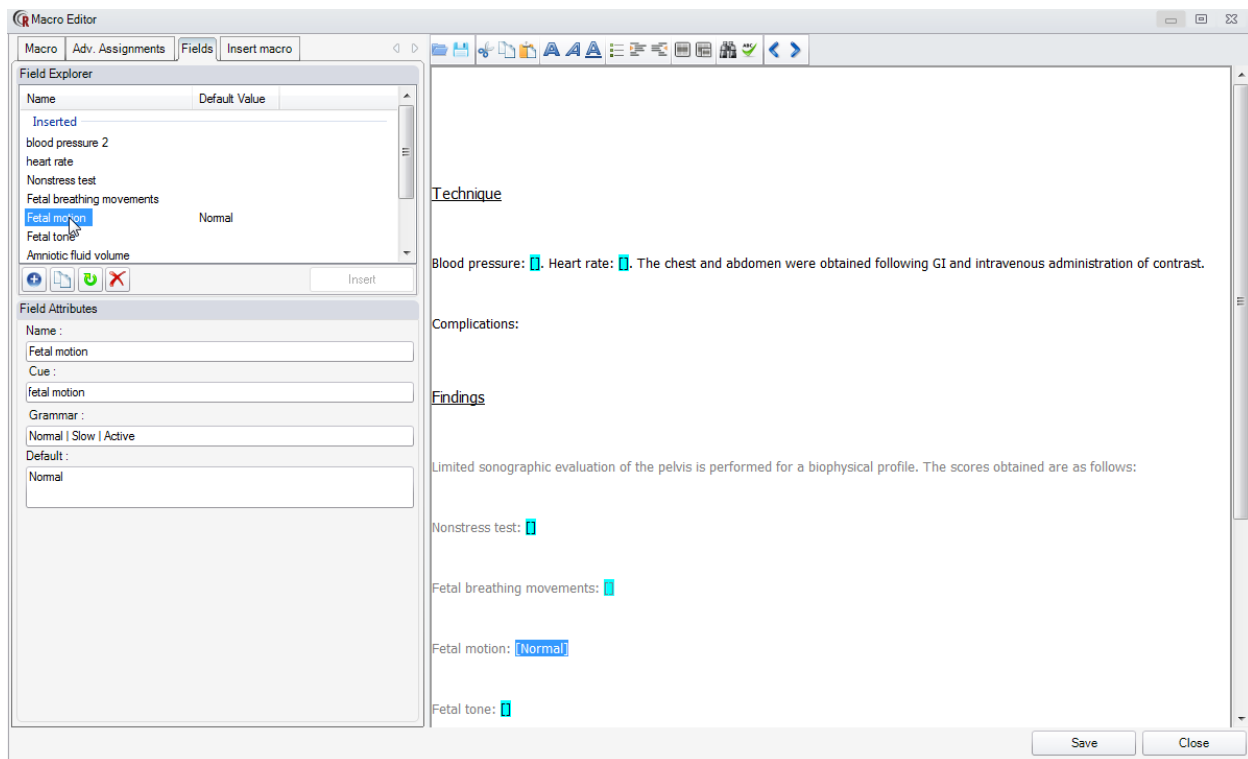
Or

- Biophysical profile

As you can see these combinations can go from simple to very complex.

### **GRAMMAR:**

We created the grammar field which is also editable when editing/creating fields in the macro editor. The grammar field will allow users to specify what data should be recognized when dictating into the field. It will not limit literally but will try to recognize the values in the said grammar field first. For example if our grammar was set to be “yes|no|maybe” it would, at a degree recognize those three words before any others.



**Figure 4.14 – Macro Editor displaying the Extending Field Functionality**

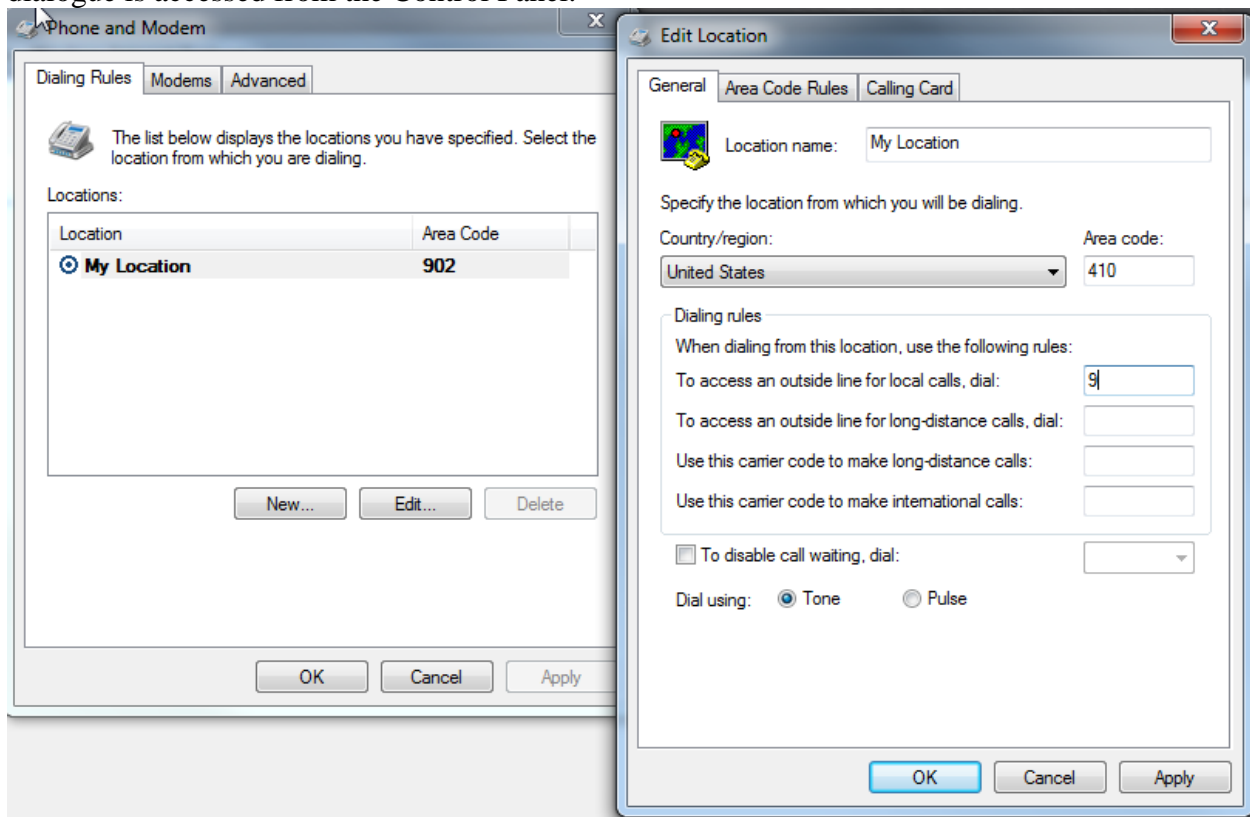
Looking at the figure above, in the Field Explorer section the Field Motion is selected. You can see this opens the Field Motion Field Attributes:

- Name = The display name in the Field Explorer
- Cue = Dictation command to select this field in the report. As the example above states this can be a range of words. For example to select the Fetal motion field the cue could be configured as **Fetal motion | Fetal movement**. In this case the field will be selected with either of the voice commands.
- Grammar = The most likely voice dictation that will be given. It can be a range of values separated with the pipe “|”. Does not have to be one of these commands, but improves the recognition rates.
- Default = The field will be defaulted with this value, but can be changed



## Canonical Fax Numbers

Windows has a built in utility to specify dialing rules that will provide a way to specify a pre-dial a number for either (or both) long-distance and local calling. You can also specify dialing of a 1 and/or area code prior to the main 7 digit phone number. These dialing rules only take effect if the fax number is specified in canonical form, ie. +1 (999) 999-9999. The Phone and Modem dialogue is accessed from the Control Panel.



**Figure 4.15 – Displaying Microsoft Windows Phone and Modem dialing rules**

Another issue was formatting of numbers. In eRAD RIS we have all of the phone / fax number fields masked as (xxx)xxx-xxxx. If a number was obtained from an external system that didn't have this formatting, it would cause errors.

Now prior to submitting the fax job, the formatting and any non-numeric characters are removed. If the remaining characters are numbers with either 10 or 11 digits, it will be forced into canonical form and submitted.

NOTE: if the remaining numbers are 11 characters in length and the first digit is a one it is also removed so that we have a 10 character phone number remaining.

## **MQSA Reporting**

### Proposed DEFINITIONS:

The following definitions should be used in the creation of the Mammography MQSA Audit reports. Reference the ACR BI-RADS® Breast Imaging Atlas, BI-RADS®. Mammography pages 229-260 for more information.

**Positive Exam:** An exam is considered to be positive if the BI-RADS® assessment category is 0, 4, 5 for a screening exam; or 4, 5 for a diagnostic exam.

**Negative Exam:** An exam is considered to be negative with a benign or probably benign finding if the BI-RADS® assessment category is 1, 2, or 3 for either a screening or a diagnostic exam.

MQSA does not limit the use of category 3 to diagnostic exams. Therefore, a BI-RADS® category 3 is considered negative for both screening and diagnostic exams.

**True-Positive (TP):** Cancer was diagnosed within 1 year after biopsy recommendation based on an abnormal mammogram.

(BI-RADS® Category 0, 4 or 5 for screening; BI-RADS® Category 4 or 5 for diagnostic).

**True-Negative (TN):** No known tissue diagnosis of cancer within 1 year of a negative examination

(BI-RADS® Category 1 or 2 for screening, BI-RADS® Category 1, 2 or 3 for diagnostic).

**False-Negative (FN):** Tissue diagnosis of cancer within 1 year of a negative examination

(BI-RADS® Category 1 or 2 for screening, BI-RADS® Category 1, 2 or 3 for diagnostic).

**False-Positive (FP):** Three separate definitions:

a. (FP1): No known tissue diagnosis of cancer within 1 year of a positive screening examination (BI-RADS® Category 0, 4, or 5).

b. (FP2): No known tissue diagnosis of cancer within 1 year after recommendation for which further imaging evaluation, biopsy, or surgical consultation on the basis of a positive examination (BI-RADS® Category or 5 ).

c. (FP3): Benign tissue diagnosis within 1 year after recommendation for biopsy on the basis of a positive examination (BI-RADS® Category 4 or 5).

Note:  $TP + TN + FP + FN = \text{Total number of examinations}$ .

This note refers to definitions 9, 10, 11, and 12.

Positive Predictive Value (PPV): Three separate definitions:

a. (PPV1) (abnormal findings at screening): The percentage of all positive screening examinations

(BI-RADS® Categories 0, 4 and 5) that result in a tissue diagnosis of cancer within 1 year. An initial screening assessment of Category 4 or 5 is unusual, but is possible.

$PPV1 = TP / (\text{number of positive screening examinations})$

OR

$PPV1 = TP / (TP + FP1)$  [FP1 = see 12a in glossary of statistical terms]

b. (PPV2) (biopsy recommended): The percentage of all screening or diagnostic examinations recommended for biopsy or surgical consultation (BI-RADS® Categories 4 and 5) that resulted in a tissue diagnosis of cancer within one year.

$PPV2 = TP / (\text{number of screening or diagnostic examinations recommended for biopsy})$

OR

$PPV2 = TP / (TP + FP2)$  [FP2 = see 12b in glossary of statistical terms]

c. (PPV3) (biopsy performed): The percentage of all known biopsies done as a result of positive screening or diagnostic examinations or additional imaging evaluations of positive screening examinations (BI-RADS® Categories 4 and 5) that resulted in a tissue diagnosis of cancer within 1 year. PPV3 is also known as the Biopsy Yield of Malignancy or the Positive Biopsy Rate (PBR).

$PPV3 = TP / (\text{number of biopsies})$

OR

$PPV3 = TP / (TP + FP3)$  [FP3 = see 12c in glossary of statistical terms]

Negative Predictive Value: indicates the percentage of patients who truly do not have breast cancer when the mammogram was called normal.

Sensitivity: The probability of detecting a cancer when a cancer exists or the number of cancers diagnosed after being identified at mammography in a population within 1 year of the imaging examination, divided by all cancers present in that population in the same time period.

$\text{Sensitivity} = TP / (TP + FN)$  [Remember that FN is actually a cancer case]

Specificity: The probability of interpreting an examination as negative when cancer does not

exist; or the number of true-negative mammograms in a population divided by all actual negative cases (those for which there is no tissue diagnosis of cancer within 1 year of the mammogram) in the population.

Specificity =  $TN / (TN + FP)$

**Cancer Detection Rate:** The number of cancers correctly detected at mammography per 1,000 patients examined at mammography.

a. This is of greatest value when calculated for screening examinations only or when calculated separately for screening and diagnostic examinations.

b. May also be calculated separately for PREVALENT cancers (those found at first-time mammographic examination) and for INCIDENT cancers (those found at subsequent screening examinations performed at or close to the recommended screening interval).

c. May also be calculated by AGE GROUP (40–49 years, 50–59 years, etc.).

**Recall Rate (Abnormal Interpretation Rate:** The percentage of examinations interpreted as positive. For screening mammography, positive examinations include BI-RADS® Categories 0, 4 and 5

assessments. For diagnostic mammography positive examinations include BI-RADS® Category 4 and 5 assessments.

**Recall Rate (Abnormal Interpretation Rate) =** (positive examinations) / (all examinations)

Note that in many scientific publications concerning screening mammography, a Recall Rate is reported as being equivalent to the Abnormal Interpretation Rate, even though some screening examinations occasionally are given BI-RADS® Category 4 or 5 assessments. This is done because

prompt further imaging evaluation with mammography and/or ultrasound (to assess for extent of disease and to plan for imaging-guided biopsy) is also recommended in addition to tissue diagnosis

for almost all (if not all) screening examinations that are given BI-RADS® Category 4 or 5 assessments.

Note from Randy Rogers:

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According to MQSA:

Recall Rate: # of positive examinations on screening (BI-RADS Categories 0,4 and 5) divided by the total number of examinations (screenings)

Would like this as one calculation and then a breakout of just the 0 and a breakout of 4/5. So:

Recall Rate Total

Recall Rate 0

Recall Rate 4/5

Unknown Exams: Positive exams that do not have a biopsy result (ex. BIRAD 0) and therefore cannot be classified as either true or false positives. For screening exams, BI-RADS® 0 is considered positive per ACR guidelines.

### Proposed List of Reports for MQSA audit:

General Exam list: (drill down report would be ideal)

PARAMETERS to query by:	Exam Data to Display:	Statistical Data to Display:
Date Range	Patient Name	Date time report was ran
Location ( Practice, Site, etc)	Patient ID	List of parameters used.
BIRAD codes to include. (ex. Looking for positive, negative exams). <b>Do we want to create automatic groupings of BIRAD codes to report by??</b>	Accession Number	
Radiologist(s) – All or specific	Exam Date	Totals per location
Filter exams by Biopsy results, Include / Exclude exams without biopsies.	Signing Radiologist	Totals per Radiologist
Procedure Codes to query on: Ex. Looking for only Mammo Screening, or only Mammo Diagnostic exams, only Ultrasounds etc.	Biopsy Result	Totals per BIRADS category
	Biopsy Date	
	BIRAD assigned	

Report should not list any exams that have not been performed. All in Signed1 status.

Summary Reporting by Location and or By Radiologist: (could be 2 different reports but data queried should be identical)

PARAMETERS to query by:	Statistical Data to Display:	Statistical Data to Display:
Date Range	Break down exams by Screening vs Diagnostic	Date time report was ran
Location ( Practice, Site, etc)	Break down Sreening and Diagnostic by procedure.	List of parameters used.
	Breakdown each procedure by BIRAD. ( so total for each birad per site/radiologist)	Total exams by Screening vs Diagnostic

	Summary per Screening , per Diagnostic: True Positive Total True Negative Total False Positive Total False Negative Total Sensitivity Specificity PPV Unknown exams	Total Sreening and Diagnostic by procedure.
	Combined total of Screening and Diagnostic exams.	Total each procedure by BIRAD. ( so total for each birad per site/radiologist)

**List of False Negative Exams - by Location and or By Radiologist:**

<b>PARAMETERS to query by:</b>	<b>Exam Data to Display:</b>	<b>Statistical Data to Display:</b>
Date Range	Patient Name	Date time report was ran
Location ( Practice, Site, etc)	Patient ID	List of parameters used.
Radiologist ( All or specific	Accession Number	Total exams by Location
	Exam Date	Total exams by Radiologist
	Exam Status	
	Dictating Radiologist	
	Signing Radiologist	
	Biopsy Result	
	BIRAD assigned	

**List of False Positive Exams - by Location and or By Radiologist:**

<b>PARAMETERS to query by:</b>	<b>Exam Data to Display:</b>	<b>Statistical Data to Display:</b>
Date Range	Patient Name	Date time report was ran
Location ( Practice, Site, etc)	Patient ID	List of parameters used.
Radiologist ( All or specific	Accession Number	Total exams by Location
	Exam Date	Total exams by Radiologist
	Exam Status	
	Dictating Radiologist	
	Signing Radiologist	
	Biopsy Result	
	BIRAD assigned	

**List Mammography exams performed by Technologist:**

<b>PARAMETERS to query by:</b>	<b>Exam Data to Display:</b>	<b>Statistical Data to Display:</b>
Date Range	Patient Name	Date time report was ran
Location ( Practice, Site, etc)	Patient ID	List of parameters used.
Technologist	Accession Number	Total exams by Location
Select procedures to include ( ex Mammo Screening, Mammo Diagnositc, Mammo Ultrasounds)	Performed Date	Total exams by Technologist
	Exam Status	

By technologist - list of exams where a technologist has performed a mammogram or interventional procedure within the date range and location specified in the report.

**List of Positive exams with outstanding Pathology Follow-ups:**

<b>PARAMETERS to query by:</b>	<b>Exam Data to Display:</b>	<b>Statistical Data to Display:</b>
Date Range	Patient Name	Date time report was ran
Location ( Practice, Site, etc)	Patient ID	List of parameters used.
	Accession Number	Exam Total
	Exam Date	
	Exam Status	
	Dictating Radiologist	
	Signing Radiologist	

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	Biopsy Result	
	BIRAD assigned	

All positive mammography exams performed during the specified period that do not have pathology results recorded nor does a later exam exist with pathology results.

### List of Positive exams Follow-ups by BIRAD:

PARAMETERS to query by:	Exam Data to Display:	Statistical Data to Display:
Date Range	GROUP EXAMS by Recommendation ( ex. BIRAD 0, followup exam scheduled is Ultrasound, etc)	Date time report was ran
Location ( Practice, Site, etc)	Patient Name	
BIRAD code(s) to include	Patient ID	List of parameters used.
Procedure Codes to query on: Ex. Looking for only Mammo Screening, or only Mammo Diagnostic exams, only Ultrasounds etc.	Accession Number	Exam Total
	Exam Date	
	Exam Status	
	Dictating Radiologist	
	Signing Radiologist	
	Biopsy Result	
	BIRAD assigned	
	NEXT Exam Referring MD#	
	NEXT Exam Accession #	
	NEXT Exam Date	
	NEXT EXAM Status	

- New requirement provide a report (for Referring Physician) listing patients that have ignored all reminder letters sent (so have not returned). Also listing any patients that RadNet has not received biopsy results from.



## SAMPLE REPORTS

MQSA General Exam List:

Standard Filtering Criteria: (Practice, Site, Date Range)

Additional Filtering Criteria: ( Radiologist, Include / Exclude Biopsies, Procedures to Include / Exclude)

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Luthervill
From:	11/09/2011	To:	09/02/2012
Signing Radiologist:	Denis Doiron, Dale Yeo Jr, Ian	Procedure Codes:	MA Stereotactic Biopsy, MA I
Biopsy Inclusion:	Exams With Biopsies, No Bio		

## MQSA Geneal Exam List

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 9/11/2011 - 2/9/2012

**Signing Radiologist:** Denis Doiron , Dale Yeo Jr, Ian Power , Andrew WaiteW , Radiologist Test User , Darcy Aiken , Kevin Molyneaux , Clifton Harding , Jenko Stuart , Jenko Stuart , Clifton Harding , Roman Embleton

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, 30204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

BIRAD / Recommendation	Accession	Patient Name	Signed Date	Signing Radiologist	Procedure	Biopsy	Biopsy Date	Biopsy Result
<input type="checkbox"/> BIRAD 0	8							
<input type="checkbox"/> Additional projections	4							
<input type="checkbox"/> Magnification views	2							
<input type="checkbox"/> Technical Repeat	2							
	1067162	Milton Polly,	01-19-2012	Darcy Aiken	MA Digital Mammo Screen Uni [G0202UNI] - Breast	N		
	1067177	Power Yvonne,	01-19-2012	Darcy Aiken	MA Digital Mammo Screen Uni [G0202UNI] - Breast	N		
<input type="checkbox"/> BIRAD 1	6							
<input type="checkbox"/> BIRAD 2	3							
<input type="checkbox"/> BIRAD 3	14							
<input type="checkbox"/> BIRAD 4	3							
<input type="checkbox"/> BIRAD 6	1							
Report Total:	35							

## RADNET, Inc. – eRAD RIS Pre-Release Notes

Report Description: This report displays the general mammography exam list for selected sites/practice. All Exams are Signed exams.

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Current report server <http://peidev1/ReportServer>

**MQSA False Negative List & MQSA False Positive List** - both reports display exactly as the “General Exam List” report above, but the content is only filtered to False Negative False Positive Exams.

Standard Filtering Criteria: (Practice, Site, Date Range)

Additional Filtering Criteria: ( Radiologist, Include / Exclude Biopsies, Procedures to Include / Exclude)

Example:

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	14/02/2011	To:	09/02/2012
Signing Radiologist:	Denis Doiron, Dale Yeo Jr, Ian	Procedure Codes:	MA Stereotactic Biopsy, MA I
Biopsy Inclusion:	Exams With Biopsies, No Bio		

### MQSA List of False Positive Exams

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 2/14/2011 - 2/9/2012

**Signing Radiologist:** Denis Doiron , Dale Yeo Jr, Ian Power , Andrew WaiteW , Radiologist Test User , Darcy Aiken , Kevin Molyneaux , Clifton Harding , Jenko Stuart , Jenko Stuart , Clifton Harding , Roman Embleton

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

BIRAD / Recommendation	Accession	Patient Name	Signed Date	Signing Radiologist	Procedure	Biopsy	Biopsy Date	Biopsy Result
<input type="checkbox"/> BIRAD 4	2							
<input type="checkbox"/> Biopsy should be considered	1							
	1067377	Brinks Betty,	02-07-2012	Darcy Aiken	MA Digital Mammo Screen Uni [G0202UNI] - Breast	Y	02-05-2012	Benign
<input type="checkbox"/> Needle localization and biopsy	1							
	1066991	TEST0031 CQM,	01-19-2012	Roman Embleton	MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	Y	02-15-2012	Malignant
Report Total:	2							

## MQSA List of Exams performed by Technologist

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	12/06/2011	To:	09/02/2012
Performed by Technologist:	stuart: stuart, stephen, denis:	Procedure Codes:	MA Stereotactic Biopsy, MA I

## MQSA List of Exams performed by Technologist

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 6/12/2011 - 2/9/2012

**Performed by Technologist:** stuart: stuart, stephen, denis: Doiron, Denis, dale: Yeo, Dale, ian: Power, Ian, andrew: WaiteW, Andrew, schedtest: Test, Scheduler, regtest: Test User, Registration, radtest: Test User, Radiologist, transtest: Test User, Transcriptionist, transadmin: Test User, Transcriptionist Admin, stick: Powell, Stick, darcy: Aiken, Darcy, kevin: Molyneaux, <Kevin, terry: Mills, Terry, schedtest1: Test, Scheduler, hardingc: Harding, Clifton, BPowell: Powell, Brittany, asdff: asdff, asdff, delme1: test123, testasdf, kevin: MolyneauxClone, KevinClone, upsala: Stuart, Jenko, jenko2: Stuart, Jenko, clifton: Harding, Clifton, GenTech: Tech, Generic, jeremy: Noonan, Jeremy, roman: Embleton, Roman, SwiftRadius: SwiftRadius, SwiftRadius, <KevinB27: KevinB27, KevinB27, transpoll: Polling, Transcription, jbetts: Betts, Johnny

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Technologist:	Procedure	Accession	Patient Name	Exam Status	BIRAD	Performed Date
<input checked="" type="checkbox"/> darcy: Aiken, Darcy		1				
<input checked="" type="checkbox"/> denis: Doiron, Denis		26				
<input checked="" type="checkbox"/> ian: Power, Ian		14				
	<input checked="" type="checkbox"/> MA Digital Mammo Screen Uni [G0202UNI] - Breast	8				
	<input checked="" type="checkbox"/> MA Digital Mammo CB Diag Bil [G0204CB] - Breast	1				
	<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil, Diag Bil & US Brst [MA10] - Breast	1				
	<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Uni [MA13] - Arm	1				
	<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	2				
		1066991	TEST0031 CQM,	Signed1	4	01-06-2012
		1067209	Doyle Krista,	Signed1	3	01-20-2012
	<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & US Brst [MA14] - Breast	1				
<input checked="" type="checkbox"/> roman: Embleton, Roman		1				
<input checked="" type="checkbox"/> terry: Mills, Terry		2				
Report Total:		44				

*Report Description: This report displays the list of mammography exams performed by Technologist.*

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**MQSA List of Positive Exams with Outstanding Biopsies** - This report displays the list of Positive Mammography Exams ( for selected time period, location, radiologist) that do not have pathology result recorded, nor does a later exam exist with pathology results. All Exams are Signed exams.

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	15/05/2011	To:	09/02/2012
Signing Radiologist:	Denis Doiron, Dale Yeo Jr, Ian		

## MQSA List of Positive Exams with Outstanding Biopsies

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 5/15/2011 - 2/9/2012

**Signing Radiologist:** Denis Doiron , Dale Yeo Jr, Ian Power , Andrew WaiteW , Radiologist Test User , Darcy Aiken , Kevin Molyneaux , Clifton Harding , Jenko Stuart , Jenko Stuart , Clifton Harding , Roman Embleton

BIRAD	Accession	Patient Name	Procedure	Signed Date	Signing Rad	Biopsy Performed
<input type="checkbox"/> BIRAD 0	7					
	1067162	Milton Polly,	MA Digital Mammo Screen Uni [G0202UNI] - Breast	01-19-2012	Darcy Aiken	N
	1067177	Power Yvonne,	MA Digital Mammo Screen Uni [G0202UNI] - Breast	01-19-2012	Darcy Aiken	N
	1067192	Molyneaux Kendra,	MA Digital Mammo Screen Uni [G0202UNI] - Breast	01-20-2012	Darcy Aiken	N
	1067305	Pitts Georgia,	MA Digital Mammo Screen Uni [G0202UNI] - Breast	02-02-2012	Darcy Aiken	N
	1067354	Hoast Ivan,	MA DIGITAL MAMMO SCREEN BIL [G0202] - Breast	02-07-2012	Clifton Harding	N
	1061947	Thornquist Mel, Sim	MA xDigi Mam Scr Bil & Diag Uni [MA13] - Arm	11-08-2011	Roman Embleton	N
	1065390	Phramany Alda, Sim	MA xDigi Mam Scr Bil & US Brst [MA14] - Breast	11-08-2011	Roman Embleton	N
<input type="checkbox"/> BIRAD 4	1					
	1067078	OOQQ OOQQ,	MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	01-12-2012	Darcy Aiken	N
Report Total:	8					

*Report Description: This report displays the list of Positive Mammography Exams ( for selected time period, location, radiologist) that do not have pathology result recorded, nor does a later exam exist with pathology results. All Exams are Signed exams.*

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## MQSA List of Positive Exam Follow-ups - *Report Description: This report displays the list of Follow-up (Orders / Exams) for Positive Exams, by date, location. All Exams are Signed exams.*

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	17/07/2011	To:	09/02/2012

### MQSA List of Positive Exam Follow-ups

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 7/17/2011 - 2/9/2012

Original ACC# - Patient Name		Requested Date	Next Order Status	Requested by:	Next Accession	Next Accession Status	Next Procedure performed
<input type="checkbox"/> BIRAD 0	8						
<input type="checkbox"/> 1067192 - Molyneaux Kendra,							
<input type="checkbox"/> 1067354 - Hoast Ivan,							
<input type="checkbox"/> 1065390 - Phramany Alda, Sim							
<input type="checkbox"/> 1061947 - Thornquist Mel, Sim			No Followup				
<input type="checkbox"/> 1067162 - Milton Polly,			No Followup				
<input type="checkbox"/> 1067177 - Power Yvonne,		01-19-2012	OrderSigned	WILLIAM SCHWARTZ	1067162	Signed1	G0202UNI
<input type="checkbox"/> 1067305 - Pitts Georgia,		01-19-2012	OrderSigned	WILLIAM SINTON JR	1067177	Signed1	G0202UNI
<input type="checkbox"/> BIRAD 4	5	01-19-2012	ShortTermFollowUp	WILLIAM SINTON JR			
Report Total:	13						

**MQSA Radiologist Reporting Summary**

There was a request to group this report by site (see below).

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	17/07/2011	To:	09/02/2012
Signing Radiologist:	Denis Doiron, Dale Yeo Jr, Iai	Procedure Codes:	MA Stereotactic Biopsy, MA I

### MQSA Radiologist Reporting Summary

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 7/17/2011 - 2/9/2012

**Signing Radiologist:** Denis Doiron , Dale Yeo Jr, Ian Power , Andrew WaiteW , Radiologist Test User , Darcy Aiken , Kevin Molyneaux , Clifton Harding , Jenko Stuart , Jenko Stuart , Clifton Harding , Roman Embleton

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Site	Signing Radiologist	Accession	Patient Name	TP	TN	FP1	FN
Eldersburg	<input type="checkbox"/> Darcy Aiken	1					
	<input checked="" type="checkbox"/> Diagnostic	1		0	0	0	0
	<input checked="" type="checkbox"/> Clifton Harding	2					
	<input checked="" type="checkbox"/> Roman Embleton	1					
Fisher	<input checked="" type="checkbox"/> Andrew WaiteW	1					
	<input type="checkbox"/> Darcy Aiken	25					
	<input type="checkbox"/> Screening	25		0	0	1	0
	<input type="checkbox"/> Procedure: MA Digital Mammo Screen Uni [G0202UNI] - Breast	21					
	<input checked="" type="checkbox"/> BIRAD 0	4					
	<input checked="" type="checkbox"/> BIRAD 1	3					
	<input checked="" type="checkbox"/> BIRAD 2	2					
	<input checked="" type="checkbox"/> BIRAD 3	11					
	<input type="checkbox"/> BIRAD 4	1					
		1067377	Brinks Betty,	N	N	Y	N
	<input checked="" type="checkbox"/> Procedure: MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	2					
	<input checked="" type="checkbox"/> Procedure: MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	2					
	<input checked="" type="checkbox"/> Roman Embleton	2					
Lutherville	<input checked="" type="checkbox"/> Clifton Harding	1					
	<input checked="" type="checkbox"/> Ian Power	1					
	<input checked="" type="checkbox"/> Roman Embleton	1					
	Report Total:	35					

### MQSA Location Reporting Summary (Example 1 – Grouped by BIRAD → Procedure)

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	13/03/2011	To:	09/02/2012
Procedure Codes:	MA Stereotactic Biopsy, MA I		

## MQSA Location Reporting Summary

Practice: Advanced Radiology

Site(s): Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

Date Range: 3/13/2011 - 2/9/2012

Procedure Codes: 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Site / Location:	Accession	Positive	TP	TN	FP1	FN	Sensitivity	Specificity	PPV3	Recall Rate
<input checked="" type="checkbox"/> Eldersburg	5									
<input type="checkbox"/> Fisher	31									
<input checked="" type="checkbox"/> Diagnostic	3	1	0	0	0	0	NaN	0	0	0.03
<input type="checkbox"/> Screening	28	8	0	0	0	0	NaN	0	0	0.21
<input checked="" type="checkbox"/> BIRAD 0	5									
<input checked="" type="checkbox"/> BIRAD 1	4									
<input checked="" type="checkbox"/> BIRAD 2	2									
<input checked="" type="checkbox"/> BIRAD 3	13									
<input type="checkbox"/> BIRAD 4	3									
<input checked="" type="checkbox"/> MA Digital Mammo Screen Bil w Implants [G0202IMP] - Breast	1									
<input checked="" type="checkbox"/> MA Digital Mammo Screen Uni [G0202UNI] - Breast	1									
<input type="checkbox"/> MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	1									
	1067078	Y	N	N	N	N				
<input checked="" type="checkbox"/> BIRAD 6	1									
<input checked="" type="checkbox"/> Lutherville	3									
Report Total:	39	13	0	0	0	0	NaN	0	0	0.33

Report Description: This report displays the Mammography Site Reporting Summary for selected sites/practice. All Exams are Signed exams.

Sensitivity Definition: Site/Practice TP Total for selected period / ( System Wide TP + System Wide FN) within the same time period.

Specificity Definition: Site/Practice TN Total for selected period / ( System Wide TN + System Wide FP) within the same time period.

PPV3 Definition: Total (Screening or Diagnostic) TP exams for selected period / ( System Wide Total of Biopsies) within the same time period.

Recall Rate: Total (Screening or Diagnostic) Positive exams for selected period / ( System Wide Total Mammo Exams) within the same time period.

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## MQSA Location Reporting Summary (Example 2 – Grouped by Procedure → BIRAD)



Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
From:	12/06/2011	To:	09/02/2012
Procedure Codes:	MA Stereotactic Biopsy, MA I		

## MQSA Location Reporting Summary

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Date Range:** 6/12/2011 - 2/9/2012

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Site / Location:	Accession	Positive	TP	TN	FP1	FN	Sensitivity	Specificity	PPV3	Recall Rate
<input checked="" type="checkbox"/> Eldersburg	4									
<input type="checkbox"/> Fisher	31									
<input checked="" type="checkbox"/> Diagnostic	3	1	0	0	0	0	NaN	0	0	0.03
<input type="checkbox"/> Screening	28	8	0	0	0	0	NaN	0	0	0.21
<input checked="" type="checkbox"/> MA Digital Mammo Screen Bil w Implants [G0202IMP] - Breast	1									
<input type="checkbox"/> MA Digital Mammo Screen Uni [G0202UNI] - Breast	21									
<input type="checkbox"/> BIRAD 0	4									
	1067162	Y	N	N	N	N				
	1067177	Y	N	N	N	N				
	1067192	Y	N	N	N	N				
	1067305	Y	N	N	N	N				
<input checked="" type="checkbox"/> BIRAD 1	3									
<input checked="" type="checkbox"/> BIRAD 2	2									
<input checked="" type="checkbox"/> BIRAD 3	11									
<input checked="" type="checkbox"/> BIRAD 4	1									
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil, Diag Bil & US Brst [MA10] - Breast	1									
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	2									
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	2									
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & US Brst [MA14] - Breast	1									
<input checked="" type="checkbox"/> Lutherville	3									
Report Total:	38	12	0	0	0	0	NaN	0	0	0.32

## RADNET, Inc. – eRAD RIS Pre-Release Notes

*Report Description: This report displays the Mammography Site Reporting Summary for selected sites/practice. All Exams are Signed exams.*

*Sensitivity Definition: Site/Practice TP Total for selected period / ( System Wide TP + System Wide FN) within the same time period.*

*Specificity Definition: Site/Practice TN Total for selected period / ( System Wide TN + System Wide FP) within the same time period.*

*PPV3 Definition: Total (Screening or Diagnostic) TP exams for selected period / ( System Wide Total of Biopsies) within the same time period.*

*Recall Rate: Total (Screening or Diagnostic) Positive exams for selected period / ( System Wide Total Mammo Exams) within the same time period.*

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### Mammography Document Distribution Status - *Report Description: This report displays mammography documents queue'd in the Document Distribution Worklist. Items older than 2 days will be red.*

Practice:  Site(s):

### Mammography Document Distribution Status

Practice: Advanced Radiology

Site(s): Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

Document Type / Status	ACC#	Recipient:	BIRAD	Date Created	Time in DDE Queue
<input type="checkbox"/> LAYLETTER	30				
<input type="checkbox"/> Hold	30				
<input type="checkbox"/> Short Term Followup1	2				
<input type="checkbox"/> Hold	1				
	1066965	waite, andrew		01-17-2012	23
<input type="checkbox"/> Pending	1				
	1067167	BlueEyes, Betty		02-07-2012	2
Report Total:	32				

### Mammography Ignored Reminders List - *Report Description: This report displays the list of patients( per Radiologist) that have Ignored Mammography Reminder letters*

Practice:  Site(s):   
Referring Physician:

#### Mammography Ignored Reminders List

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Referring Physician:** WILLIAM SCHWARTZ, YOLANDA AJALA

Referring Name / Reminder Ignored	Target Date	Patient ID	Patient Name	Procedures	Last Letter Sent	Last Letter Date
<input type="checkbox"/> WILLIAM SCHWARTZ	1					
<input type="checkbox"/> ShortTermFollowUp						
	06-17-2012	1000000812	BlueEyes Betty	MA Digital Mammo Screen Uni [G0202UNI] - Breast	Short Term Followup3	01-23-2012
<input type="checkbox"/> YOLANDA AJALA	1					
<input type="checkbox"/> ShortTermFollowUp						
	06-04-2012	4542	waite andrew	MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	Short Term Followup3	01-23-2012
Report Total:	2					

**Mammography Annual Radiologist Reporting Summary:**

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
Signing Radiologist:	Denis Doiron, Dale Yeo Jr, Ian	Procedure Codes:	MA Stereotactic Biopsy, MA I
Reporting Year:	2012		

**Mammography Annual Radiologist Reporting Summary**

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Reporting Year:** 2012

**Signing Radiologist:** Denis Doiron , Dale Yeo Jr, Ian Power , Andrew WaiteW , Radiologist Test User , Darcy Aiken , Kevin Molyneaux , Clifton Harding , Jenko Stuart , Jenko Stuart , Clifton Harding , Roman Embleton , kevinb34smoke kevinb34smoke

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Radiologist Reporting Totals for 2012	Accession	Patient Name	Signed Date	BIRAD
<input checked="" type="checkbox"/> Andrew WaiteW	1			
<input checked="" type="checkbox"/> Clifton Harding	3			
<input type="checkbox"/> Darcy Aiken	25			
<input checked="" type="checkbox"/> February	3			
<input type="checkbox"/> January	22			
<input checked="" type="checkbox"/> MA Digital Mammo Screen Uni [G0202UNI] - Breast	18			
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	2			
<input type="checkbox"/> MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	2			
	1066965	waite andrew,	01-13-2012	3
	1067209	Doyle Krista,	01-20-2012	3
<input checked="" type="checkbox"/> Denis Doiron	1			
<input checked="" type="checkbox"/> Roman Embleton	1			
Report Total:	31			

## Mammography Annual Technologist Exams Performed Summary:

Practice:	Advanced Radiology	Site(s):	Eldersburg, Fisher, Lutherville
Performed by Technologist:	stuart: stuart, stephen, denis	Procedure Codes:	MA Stereotactic Biopsy, MA I
Performed Year:	2012		

## Mammography Annual Technologist Exams Performed Summary

**Practice:** Advanced Radiology

**Site(s):** Eldersburg, Fisher, Lutherville, New site just bought, OutsideMed

**Performed Year:** 2012

**Performed by Technologist:** stuart: stuart, stephen, denis: Doiron, Denis, dale: Yeo, Dale, ian: Power, Ian, andrew: WaiteW, Andrew, schedtest: Test, Scheduler, regtest: Test User, Registration, techtest: Test User, Technologist, radtest: Test User, Radiologist, transtest: Test User, Transcriptionist, transadmin: Test User, Transcriptionist Admin, stick: Powell, Stick, darcy: Aiken, Darcy, kevin: Molyneaux, Kevin, terry: Mills, Terry, schedtest1: Test, Scheduler, hardingc: Harding, Clifton, BPowell: Powell, Brittany, asdff: asdff, asdff, delme1: test123, testasdf, kevinc: MolyneauxClone, KevinClone, upsala: Stuart, Jenko, jenko2: Stuart, Jenko, clifton: Harding, Clifton, GenTech: Tech, Generic, jeremy: Noonan, Jeremy, roman: Embleton, Roman, SwiftRadius: SwiftRadius, SwiftRadius, KevinB27: KevinB27, KevinB27, transpoll: Polling, Transcription, jbetts: Betts, Johnny, b34unitest: kevinb34smoke, kevinb34smoke

**Procedure Codes:** 77031, 77032S, 77053, 77054, G0202, G0202IMP, G0202UIMP, G0202UNI, G0202WC, G0204, G0204/US, G0204BX, G0204CB, G0204CB/US, G0206, G0206/US, G0206BX, G0206CB, G0206CB/US, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA50, MA999, MAPH

Technologist Performed Totals for 2012	Accession	Patient Name	Exam Status	BIRAD	Performed Date
<input checked="" type="checkbox"/> darcy: Aiken, Darcy	1				
<input type="checkbox"/> denis: Doiron, Denis	22				
<input checked="" type="checkbox"/> February	2				
<input type="checkbox"/> January	20				
<input checked="" type="checkbox"/> MA Digital Mammo Screen Bil w Implants [G0202IMP] - Breast	1				
<input checked="" type="checkbox"/> MA Digital Mammo Screen Uni [G0202UNI] - Breast	16				
<input checked="" type="checkbox"/> MA xDigi Mam Scr Bil & Diag Bil [MA11] - Breast	2				
<input type="checkbox"/> MA xDigi Mam Scr Bil & Diag Uni [MA13] - Breast	1				
	1066965	waite andrew,	Signed1	3	01-06-2012
<input checked="" type="checkbox"/> ian: Power, Ian	10				
<input checked="" type="checkbox"/> techtest: Test User, Technologist	3				
Report Total:	36				

## 5. Resolved Defects

Bugs, Suggested Features and Support Issues resolved in build 1.34. The extract is taken from Redmine bug tracking system and only displays defects resolved in 1.34.

#	Tracker	Priority	Subject	Category	Target version
886	Bug	High	Removing Pathology codes throws error	Thick Client GUI	1.33
883	Bug	High	Saving Biopsy result can throw error	Thick Client GUI	1.33
880	Bug	High	When scheduling an appointment that spans 2 orders then 2 visits are created	Thick Client GUI	1.32
919	Bug	Normal	preview report does not always show report correctly	Thick Client GUI	1.34
906	Bug	Normal	Error printing receipts	Thick Client GUI	1.34
901	Bug	Normal	Scanner not detected	Thick Client GUI	1.34
899	Bug	Normal	Study suspended without interpretation throws error after suspended message	Thick Client GUI	1.33
896	Bug	Normal	Issues with Changing "Internal RIS" passwords.	Admin Tools	1.33
894	Bug	Normal	Multi order scheduling search results not picking correct times	Thick Client GUI	1.33
891	Bug	Normal	multiple study scheduling search results not correct for first site on list	Web Services/DB	1.33
890	Bug	Normal	On a new order removing procedure with laterality code throws error	Thick Client GUI	1.33
884	Bug	Normal	When region and language format is not English (United States) then "Meaningful Use" on administration screen does not work	Thick Client GUI	1.33
859	Bug	Normal	Procedures scheduled with default laterality are not saved when flag for Laterality required is N	Thick Client GUI	1.31
897	Bug	Low	Placement of tabs on Book X	Thick Client GUI	1.33

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846	Bug	Low	Tentitive signing hold time message	Admin Tools	1.31
840	Bug	Low	Order tab name on reschedule	Thick Client GUI	1.31
505	Bug	Low	Exception thrown scanning document	Thick Client GUI	1.20

## 6. Known Limitations

The following are Bugs, Suggested Features, and Support Issues found in build 1.34. This build is the current QE build and testing is ongoing. The list may increase in size. This document will not be updated or re-released.

#	Status	Subject	Category	Target version	Resolved Version
936	New	Usergroups require Config.LookupEditor.Personnel to add unknown referring	Thick Client GUI	1.34	
913	New	Patient folder will display target and previously viewed images	Thick Client GUI	1.34	
912	New	Cannot view priors in dictate window	Thick Client GUI	1.34	
910	New	Patient Folder will keep opening image viewer	Thick Client GUI	1.34	
908	New	Object reference from dictate window will close RIS	Thick Client GUI	1.34	
933	New	MQSA_Reporting - General Exam List - Procedure Codes	Mgt Reports	1.34	
932	New	MQSA_Mammo - General Exam List - Date range does not included selected "To:" date	Mgt Reports	1.34	
931	New	Mammo reporting - General Exam List - not displaying Patient ID	Mgt Reports	1.34	
930	Resolved	Alternate phone flag does not disable alternate phone number fields	Thick Client GUI	1.34	1.35
929	New	User Group permissions difficult to add	Admin Tools	1.34	
928	Resolved	View / Edit OrderCancelled gives GetData error	Thick Client GUI	1.34	1.35
927	Resolved	Issue with procedure picker type ahead when procedure is removed.	Thick Client GUI	1.34	1.35
926	Resolved	Memory leak causing error.	Thick Client GUI	1.34	1.35
925	Resolved	Error scanning specific document type from Perform Exam	Thick Client GUI	1.34	1.35



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924	Resolved	Add outside read on site that requires insurance, but insurance is not chosen, is not added to billing exception	Thick Client GUI	1.34	1.35
923	Resolved	Image Request on Multi procedure order belonging to different orders throws error	Thick Client GUI	1.34	1.35
922	Resolved	Error thrown attempting to create multi procedure schedule	Thick Client GUI	1.34	1.35
921	Resolved	Home phone is not copied to Responsible Party	Thick Client GUI	1.34	1.35
917	New	Minimizing application by moving another application over top of RIS throws error	Thick Client GUI	1.34	
916	New	Adding UserGroupPermission with empty access string throws exception	Admin Tools	1.34	
915	New	Error returned on suspended study when selecting Cancel on overwrite message	Thick Client GUI	1.34	
914	New	Documents can be distributed without specifying deliver to: causing error	Thick Client GUI	1.34	
911	New	Adding a third study through registration behaves differently.	Thick Client GUI	1.34	
909	New	First time launch of a study does not find the image	Thick Client GUI	1.34	
907	Resolved	Datetimeoffset columns not correctly updating to the correct time zone	Web Services/DB	1.34	1.35
905	New	Rescheduling an exam without selecting time returns un-informative error.	Thick Client GUI	1.34	
904	New	Rescheduling exam and choose Schedule later and the procedure is not retained	Thick Client GUI	1.34	
903	New	Tool tips on flags don't always worked	Thick Client GUI	1.34	
902	New	worklist filler connection leak on exception	Web Services/DB	1.34	

918	Resolved	Clean up tab order of Visit tab	Thick Client GUI	1.34	1.35
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