



Highway Imaging Associates

Instructions for using

# **Highway Imaging** CONNECT

Referring Provider Portal

[www.HighwayImagingConnect.com](http://www.HighwayImagingConnect.com)

Version 3.5

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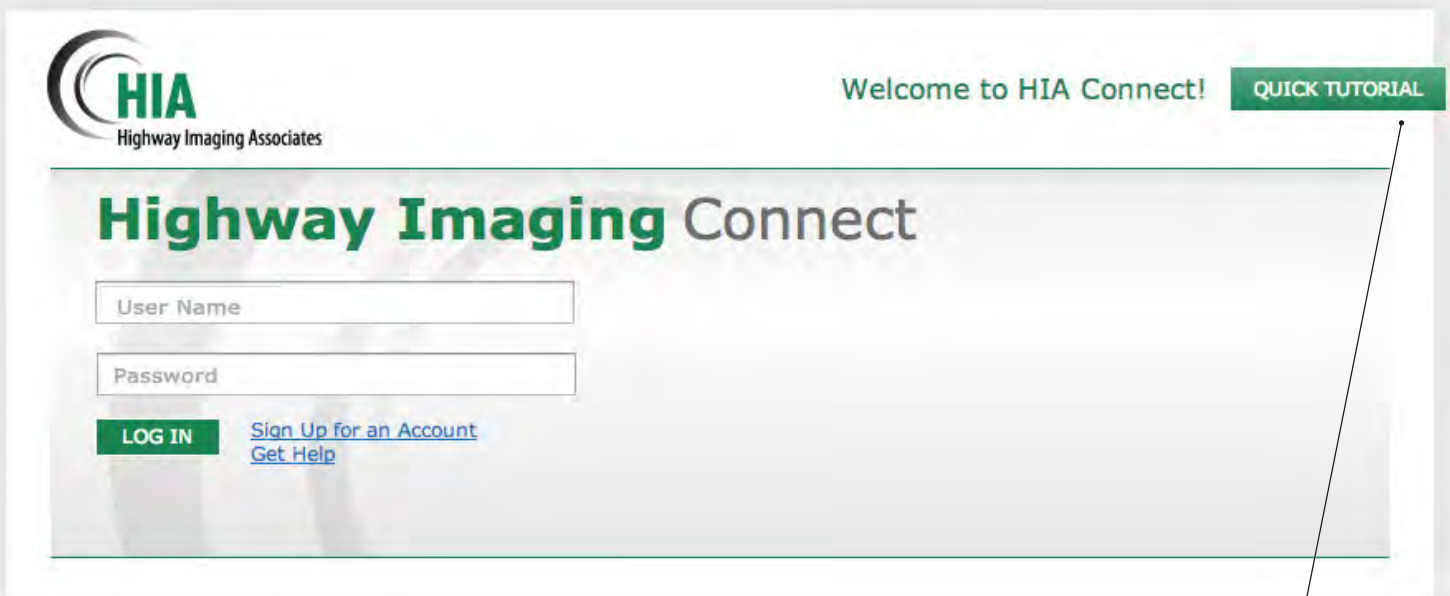
# Getting Started

The physician portal provides access to your patients' reports and images. You must have your own unique user name and password to log into the portal.

## Sign Up!

To sign up, email your marketing representative to receive your user name and password at:

[HIAMarketing@RadNet.com](mailto:HIAMarketing@RadNet.com)



The first time you log into the portal, you will be required to sign a Web and User Confidentiality Agreement.

Click the Quick Tutorial link to learn more about the referring provider portal.

### Platforms:



Microsoft  
**Windows XP, or later**



Apple  
**Mac OS**  
(excludes the eRAD Full Viewer)

### Browsers:



Microsoft  
**Internet Explorer\***  
Version 7.0 or later



Google  
**Chrome**



Mozilla  
**Firefox**



Apple  
**Safari**  
WebGL must be enabled

### \*The Web Viewer and Internet Explorer.

The Web Viewer requires support for HTML5, WebGL, websockets and other web protocols. Compliant browsers include Mozilla Firefox v12, Google Chrome v20, Apple Safari v6 in MAC OS X 10.6, Opera Presto v2.11 and Microsoft Internet Explorer v9 and v10 (using Canvas technology). Some browsers might have WebGL or websockets disabled by default. These must be enabled before using the web viewer.

Microsoft Internet Explorer is not WebGL compliant. To make earlier versions of Internet Explorer compliant, install Google Chrome Frame plug-in. When the browser does not support the required technology, the web viewer does its best to detect the missing component and display a notification.

Note that WebGL requires hardware compliance as well. The workstation's display controller should support WebGL in order for the images to appear quickly in the web viewer.



## Get Help!

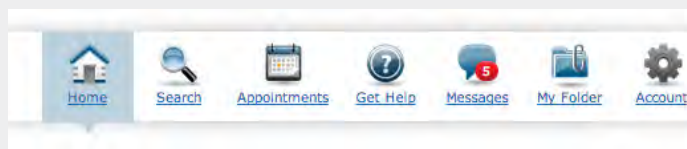
If you need help getting started, solving technical issues, or learning how to use the portal, contact the portal's **Web Team**.

Click on the Get Help Icons throughout the portal.



# Home Page and Finding Patient Exams

The Home Page shows all your patients with completed, scheduled, and in progress exams within a 90-day timeframe. The filter panel allows you to narrow and broaden display results by patient name, timeframe, and ordering providers.



The **Main Toolbar** provides convenient access to the portal's primary features.

**Filter by Exam Status**  
Filter results by exam status—completed, scheduled, or in progress exams.

**"Now Showing"**  
The "Now Showing" Sentence explains the current filters that control the display results. Make the current filters your default display by clicking the Set as Default Link.

**Create Custom Tab**  
Create custom tabs on the Home Page to view patient exams the way that makes sense to you.

**Refresh**  
Click the Refresh Icon to make sure you are looking at up-to-the-minute patient exam data. A time stamp indicates when the data was last refreshed.

**Now Showing:** Patients with completed exams in the previous 90 days for all providers. [Set as Default](#) | [Return to Default](#)

Completed Scheduled In Progress Add New Tab

FILTER BY PATIENT NAME FILTER BY TIMEFRAME FILTER BY EXAM TYPE FILTER BY ORDERING PROVIDER UPDATED

Today & Yesterday 7 Days 30 Days 60 Days 90 Days Show all Show all 1 MIN. AGO

Patient Name	Birth Date	Sex	Type	Exam Description	Date	Location	Ordering Provider
<a href="#">Doe, Jason</a>	12-25-1991	M	MR	MR Cervical Spine WO	08-30-2013	Tri County	MARY BROWN MD
<a href="#">Doe, Jim</a>	12-26-1992	M	MR	MR Knee WO	08-27-2013	Main Street	JOHN GREEN MD
<a href="#">Doe, John</a>	12-27-1993	M	MR	MR Lumbar Spine WO	08-27-2013	Tri County	SUE BLACK MD

**Click the patient name to go to the Patient Detail Page to review reports and images. See Page 5.**

**Filter by Patient Name**  
Enter the patient's first or last name to receive a quick-pick list of matching results. Click the Filter Button to see results.

**Filter by Timeframe**  
Click to filter exams by date timeframe.

**Filter by Exam Type**  
Click to filter exams by exam type.

**Filter by Ordering Provider**  
Select and remove ordering providers from the display by checking or unchecking them in the drop-down menu.

## One-click Access to Report and Images

Click the icons to launch a new browser window and get quick access to the patient's report or image.

- Report Available
- Stat Report Available
- Images Available

## Setting the Default Display

There are two ways to set the default display for patient exams that you see each time you log into the portal or click the Home Page Button. You can set default filters directly on the Home Page or from the Account Page.

1. On the Home Page, set the filters you desire—exam status, timeframe, and ordering providers. Then, click the Set as Default Link that appears at the end of the Now Showing Sentence.
2. On the Account Page, click the Edit Link for Filter Preferences. Select default filters that you desire. Click the Save Button. See Page 11.

**Note: Additional filter preferences are available on the Account Page.**

## Not Finding a Patient?

The Home Page only displays results that match the current filters. The current filters are highlighted in yellow and are explained in the "Now Showing" sentence.

- If you're not finding the patient in the display results, here are a few tips:
1. Try a different Exam Status Tab—Completed, Scheduled, or In Progress.
  2. Clear the Patient Name Filter.
  3. Expand the timeframe to 60 or 90 days to show more results.
  4. Expand the types of modalities selected.
  5. Make sure the patient's ordering provider is checked in the Ordering Provider drop-down menu. Select other providers to see their patients.
  6. Click the Refresh Icon to make sure you're looking at up-to-the-minute patient exam data.
  7. Check filter preferences on the Account Page to make sure all ordering practices are selected.
  8. If you still can't find the patient, try a Search. See Page 3.



## Search Page

The Search page offers common attributes to search for patients. By default, a search will only return results for your patients or patients belonging to other providers *in your practice*. However, you can broaden a search to include patients and providers *outside your practice*.

### Searching For Patients Outside Your Practice

Click the checkbox to enable searching for patients and providers outside your practice. The background will change to remind you of special privacy requirements for viewing protected patient health information.

Note: You must enter part of a patient's first and last name to search for patients outside your practice.

Display results for patients outside your practice are highlighted (as shown on the right) to signal when patient health information is protected.

**Note:** Viewing records of patients *outside your practice* will be tracked and audited by the portal.

#### Patient Name

[Doe, Jane](#)

[Doe, Jim](#)

[Doe, John](#)

[Doe, Joseph](#)

[Doe, June](#)

☐ Include results outside my practice.

Patient's **Last Name**

Patient's First Name

Patient's Birth Date (mm-dd-yyyy)

mm-dd-yyyy



Ordering Provider's Last Name

Ordering Provider's Practice

CC'd Ordering Provider's Last Name

Exam Status

Select Search Options

Exam Type

Select Search Options

\* Exam Date (mm-dd-yyyy): From

08-16-2012



\* To

08-16-2013



[Today & Yesterday](#)

[7 Days](#)

[30 Days](#)

[60 Days](#)

[90 Days](#)

SEARCH

CLEAR

Click the **Search Button** to complete a search. Not all fields are required.

Click the **Clear Link** to remove the search query and clear the display results.

Use these timeframe links to quickly set the exam date range.

# Patient Details and Report Tab

The Patient Detail Page shows the complete exam history for the patient. Selecting an exam will provide access to its report and images.

## Patient History List

Shows the selected patient's scheduled, in process, and completed exams acquired at any local RadNet imaging group. View the patient's imaging history by reading reports and viewing images—no matter where the patient was seen.



Click the **Back Icon** to return to the previous search page results.



Click the **Download Icon** to download a PDF of the report. See below.



Click the **Print Icon** for a print-friendly version of the report. See below.



Click the **Add to Folder Icon** to add exam to a folder. See Page 10.

Click the **Expand Icon** to view the report's details and metadata.

Click the **Images Tab** to view images for the selected exam. See Page 5.

Click the **Add to Folder Icon** to add the selected exam to the folder currently displayed in the drop-down menu. See Page 10.

**Doe, John**  
12-25-1991 (22 Y) Male  
MRN: 72057R

MR Thoracic Spine WO  
08-09-2012 08:30 AM

MR Pelvis Neuro Ortho WO  
07-08-2012 10:30 AM

MR Lumbar Spine WO  
07-08-2012 10:00 AM

Exam Performed At:  
ABC Diagnostic Radiology, Main Street

Ordered By:  
Thomas Brown MD

Report Images

**Final**

**EXAM: MR SACROILIAC JOINTS WITHOUT CONTRAST**

**HISTORY:** Pain for two years. Previous fall.

**TECHNIQUE:** The study was performed using T1, fat-suppression proton, T2-weighted spin-echo and inversion-recovery acquisitions.

**COMPARISON:** Correlated with lumbar spine MR from the same day.

**FINDINGS:** Sacrum and medial iliac wing marrow elements are intact. Mild degenerative SI joint changes are symmetrical without evidence of sacroiliitis or diastasis. The sacral spinal

## Download a Report

You can download a PDF-copy of the final report. This is the same report that is sent to your practice through other communication channels, i.e., fax or mail.

1. Click the Download Icon to display the download panel.
2. Title the PDF to match your naming conventions.
3. Click the checkbox to agree to protect patient health information.
4. Click the Download Report Button.
5. The PDF will download to your PC according to your browser's preferences.

Document Title

I am authorized to download this patient's protected health information. [MORE](#)

☐ I Agree.

**DOWNLOAD REPORT** [CLEAR](#)

## Print a Report

Click the Print Icon to receive a print-friendly version of the report. Use the browser's print function to print the report.

ARS\_DiagnosticReport

about:blank

**Print**

Total: 1 sheet of paper

Cancel Print

Destination RadNet IT Printer

**EXAM: MR SACROILIAC JOINTS WITHOUT CONTRAST**

**HISTORY:** Pain for two years. Previous fall.

**TECHNIQUE:** The study was performed using T1, fat-suppression proton, T2-weighted spin-echo and inversion-recovery acquisitions.

**COMPARISON:** Correlated with lumbar spine MR from the same day.

**FINDINGS:** Sacrum and medial iliac wing marrow elements are intact. Mild degenerative SI joint



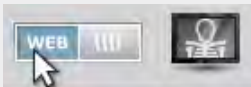
# Images Tab

The Images Tab shows all images acquired during the patient's exam, organized in series.

## 3 Image Viewer Options



**1. Quick Viewer**  
Click in the lower-right corner of the thumbnail, indicated by a green highlight, to view a large, static display of the selected image.



**2. Web Viewer**  
With the view mode set to "WEB," click the thumbnail to display images directly in the Images Tab within your browser. The Web Viewer provides a basic set of controls to view and manipulate images.  
See Page 6–7.



**3. Full Viewer**  
With the view mode set to "FULL," click the thumbnail to launch a full-featured application that displays diagnostic-quality DICOM images. The Full Viewer must be downloaded and installed on your computer.  
See Page 8–9.

Click the **Report Tab** to view the report for the selected exam.  
See Page 4.



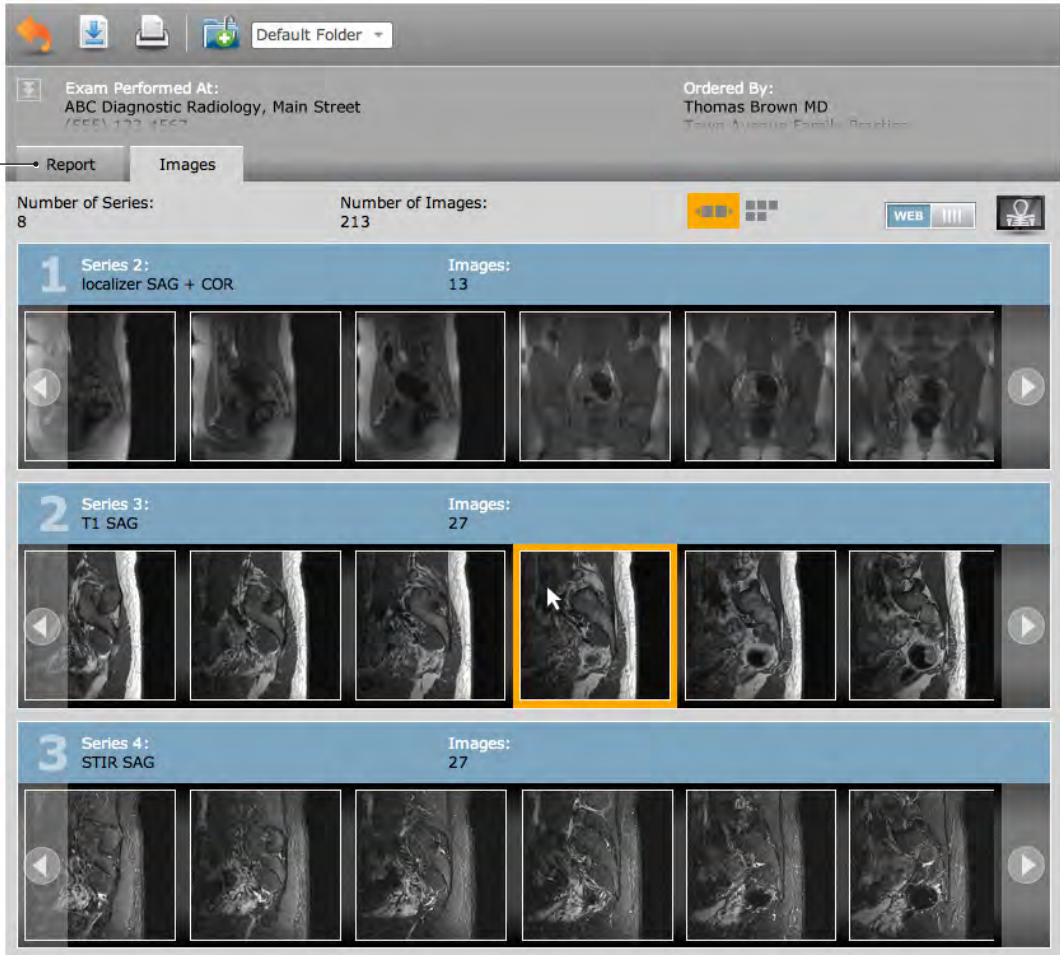
View image thumbnails in **carousel mode**—scrolling to see images within a series. Or, view image thumbnails in **list mode**—seeing all images within a series in one view.



**View Mode**  
To set the view-mode, click the toggle button to switch between the Web Viewer and the Full Viewer.



You can also launch images by clicking on the Image Viewer icon, which opens all image series in the currently selected image viewer.



# eRAD Web Viewer

The eRAD Web Viewer displays images in a web browser. Basic tools are available to manipulate images including scrolling, window/level, magnification, cross sectional references, and linear measurements.



### View Mode

To use the Web Viewer, you must set the view mode to "WEB." The view mode toggle is located on the Images Tab. See Page 5.

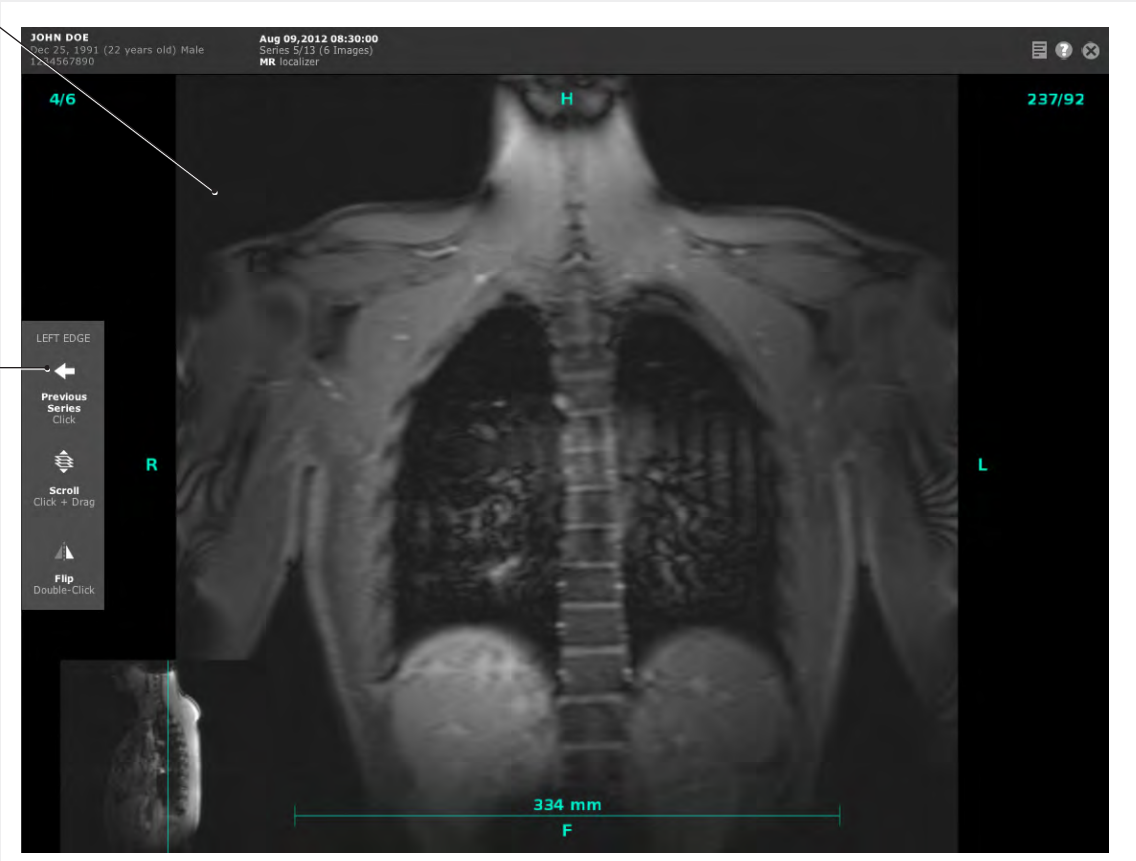
**Series mode** shows all the series available for the selected exam. To switch to image mode, click on the series thumbnail.



**Image mode** shows a single series—one image at a time. To switch to series mode, click the upper corners of the image area, under the patient name area.

For your convenience, pop-up help shows you available controls, specific to an edge or location of the screen. Double-click the **Help Icon** to turn on/off pop-up help. For more information, see the next page.

**Note:** When using Microsoft Internet Explorer, the eRAD Web Viewer requires the Google Chrome Frame plug-in to be installed in order to use the viewer. See Page 1.





# Using the eRAD Web Viewer's Location-Sensitive Controls

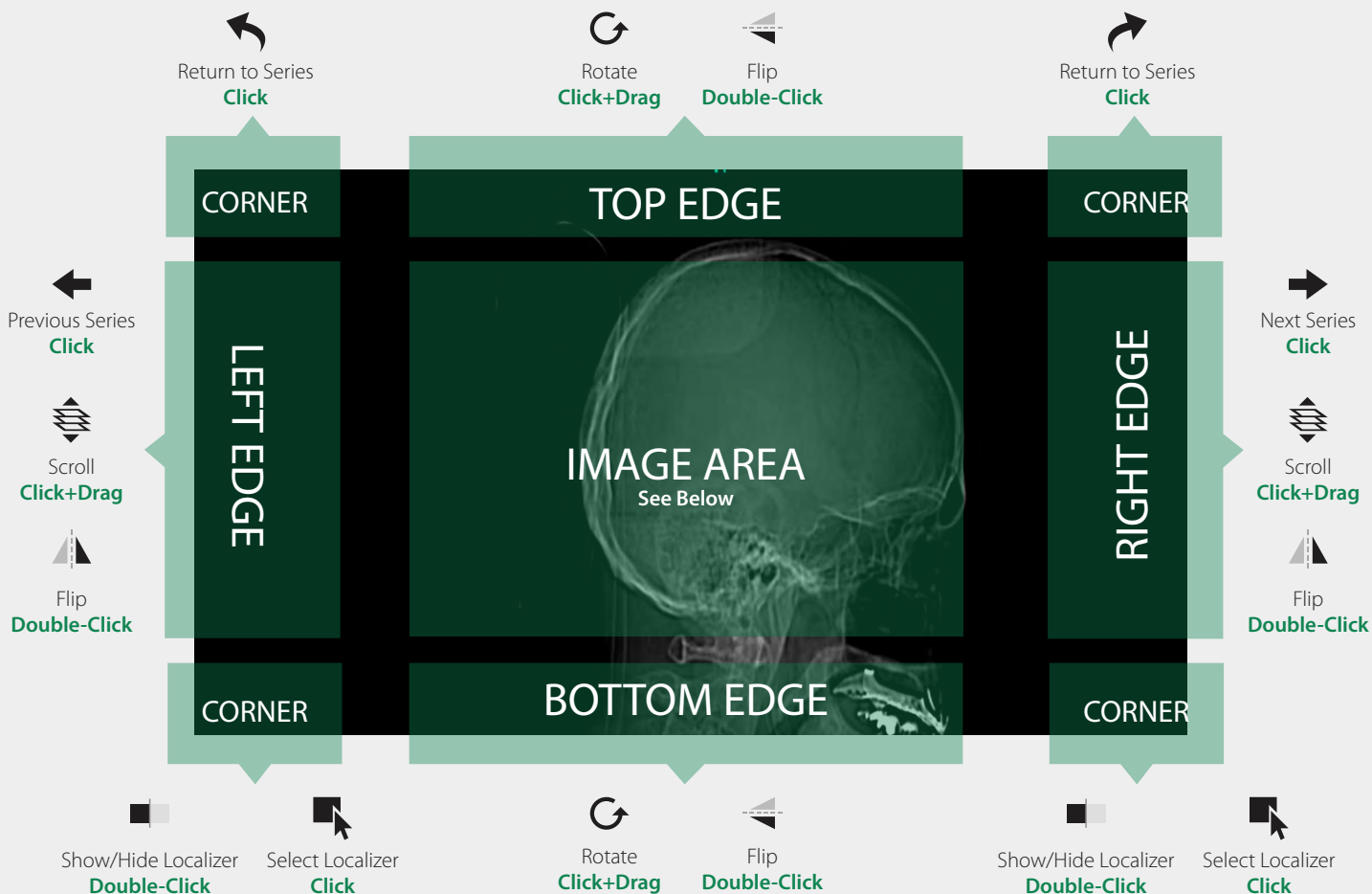
The eRAD Web Viewer provides many different features to view and manipulate images. Most features are “location-sensitive”— available only when you click or drag on specific edges or areas of the screen.



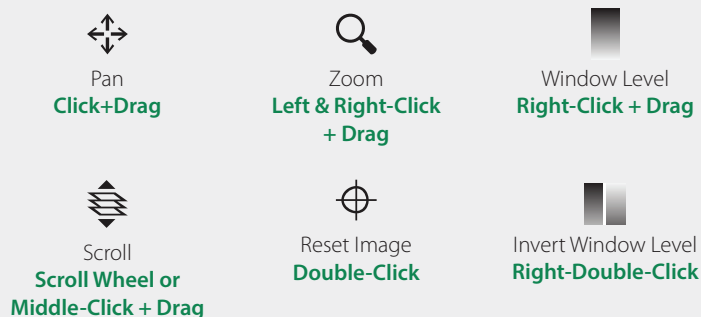
Toggle Pop-Up Help  
**Double-Click Icon**

## Need help using the viewer?

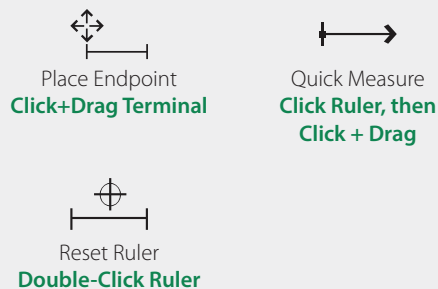
Double-click the Help Icon to turn on/off pop-up help that automatically shows available features where ever you hover the cursor.

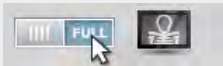


## Image Area Controls

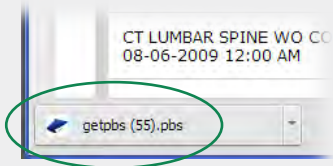


## Ruler Controls





**View Mode**  
To use the Full Viewer, you must set the view mode to "FULL." The view mode toggle is located on the Images Tab.  
See Page 5.

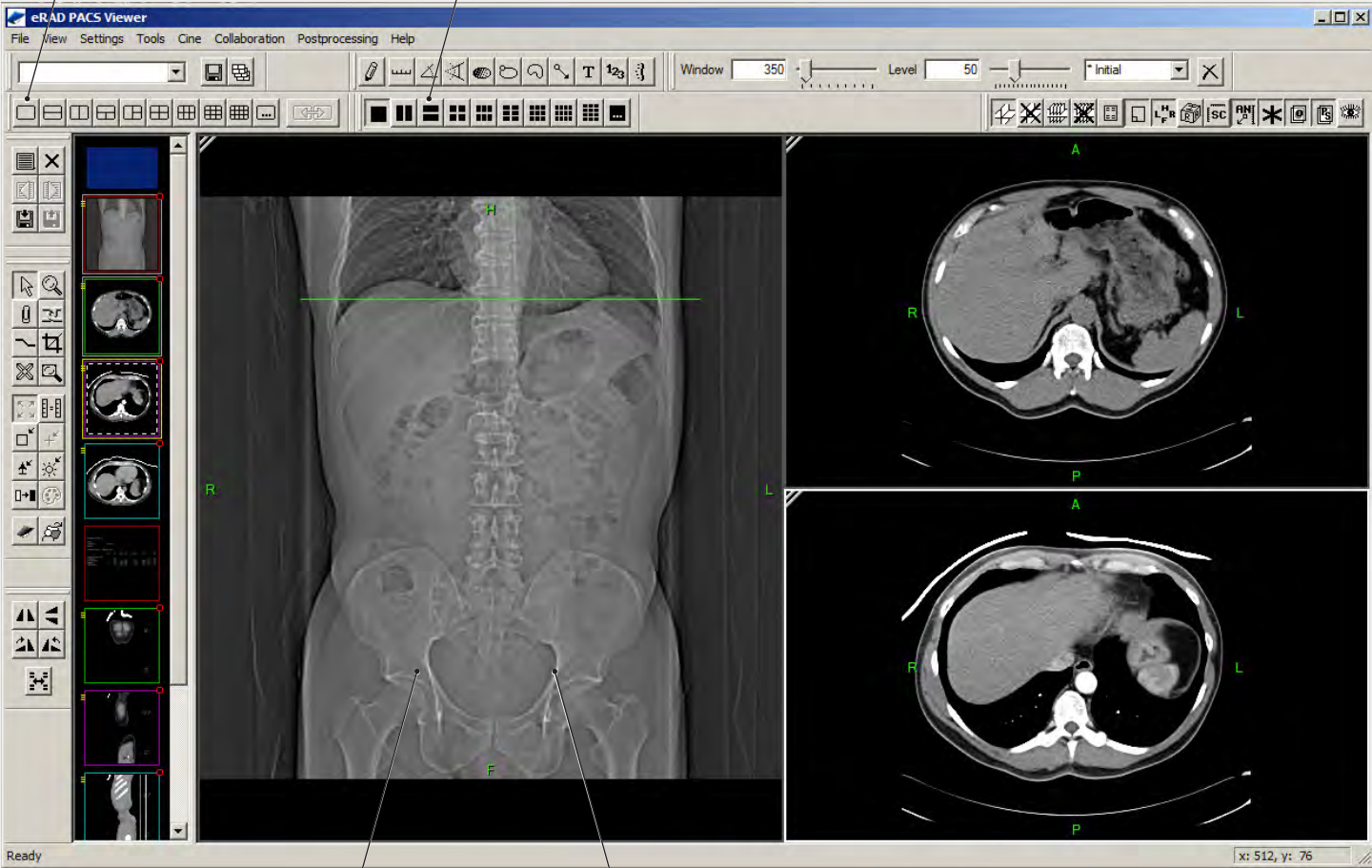


**GetPBS.pbs**  
The Full Image Viewer interacts with the portal's image data via a file called "getpbs.pbs". When you click an image thumbnail to launch the Full Image Viewer the "getpbs.pbs" file downloads to your computer.

Each browser (IE, Chrome, Firefox, Safari) handles file downloads differently. Some will automatically open the "getpbs.pbs" file and launch the Full Image Viewer automatically. Other browsers require you to manually open the downloaded file. In that case, you need to click to open the "getpbs.pbs" file.

The Grid Tool allows you to alter the display format by selecting the number of image series to display within the screen grid.

The Tile Tool allows you to select the number of images within a series to display within a tile.



To scroll through the selected image series, select the image series by clicking on the visible image. Then, roll the mouse wheel forward and backward, or hold down the left mouse button while moving the mouse forward and backward. (You can also use the arrow up and arrow down button on your keyboard).

To change window and level (brightness and contrast), hold down the right mouse button while moving the mouse up, down, left, and right.

# Installing the eRAD Full Viewer



Click the link on the Images Tab to go to the Account Page. The Image Viewer Tab contains instructions and a Download Button to download the Full Viewer's installation wizard.

View guides and manuals for more information about how to install and use the Full Viewer.

Home Search Appointments Get Help Messages My Folder Account




Account Settings Image Viewer

IMAGE VIEWER PREFERENCES [EDIT](#)

Default Image Viewer Full Image Viewer

### eRAD Full Image Viewer (PC-Only)

The eRAD Full Image Viewer is a full-featured application that displays diagnostic quality DICOM medical images. On this portal, you can view images using the Full Image Viewer by changing the view-mode toggle, located on the image tab, from "WEB" to "FULL".


Before you can use the Full Image Viewer, you must download and install the viewer software on a Windows-based PC. (The eRAD Full Image Viewer does not work on MAC OS).

**Note:** You must have administrative rights to this PC to install the software. You must install the Full Image Viewer on each PC that you view images from the portal.





**DOWNLOAD FULL VIEWER**

**Need Help Installing the eRAD Full Image Viewer?** Contact the Web Team to [Get Help](#).

### eRAD Web Image Viewer Documentation

-  Quick Start Guide

### eRAD Full Image Viewer Documentation

-  Quick Reference Guide
-  Hints and Hot Keys
-  Minimum Hardware Requirements
-  Complete User Manual

Click the Download Button to download the installation wizard to your local computer.



Use the installation wizard to install the Full Viewer. Follow the step-by-step prompts to install. Once installed, you will need to restart your browser and log back into the portal to use the Full Viewer.

## Messages

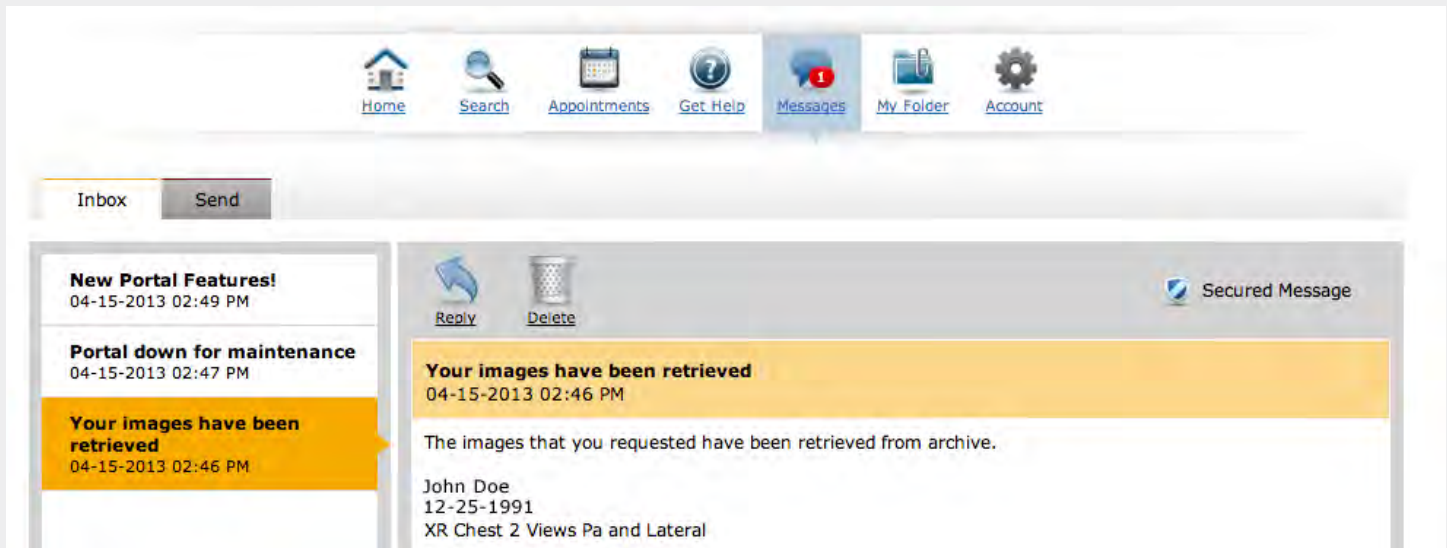
Receive and send secure messages directly from the portal. Email communication may compromise protected health information—so use the portal's message feature to communicate securely.

### Inbox

Messages from the portal's Web Team will come directly to you into your portal's inbox. When system alerts or warnings are sent, you'll receive a pop-up notification at the top of each screen to ensure you don't miss the message.

### Send

Send messages to the Web Team through the portal to ensure protected health information isn't compromised.



## My Folder

Add exams to custom folders for convenient access in the future. Name your folders in ways that make sense to you to help you organize an exam archive

### Create Your Own Folders

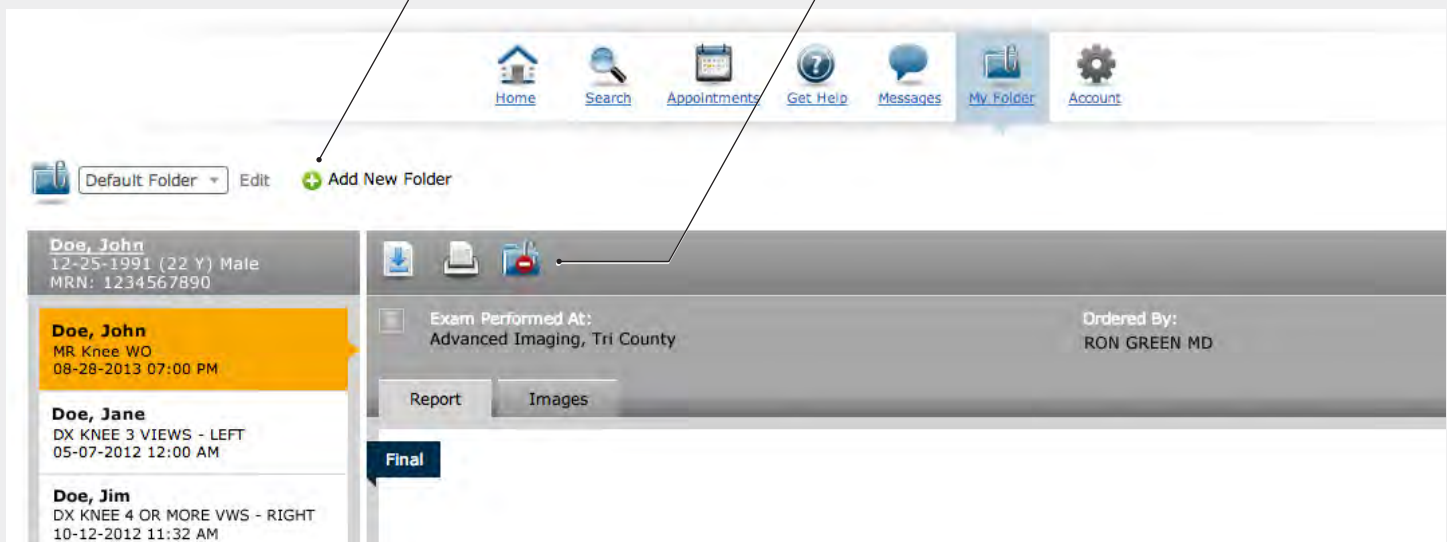
Add a folder and give it a custom name. Organize exams in ways that make sense to you.

### Remove Exam

Removes the selected exam from the folder.



**Add Exams to Folder**  
On the Reports or Images Tab, click Add to Folder Icon. See Page 4–5.







## Account Page

The Account Page allows you to define settings that are specific to your portal account, such as your password and filter preferences.

### Image Viewer Tab

The Account Page provides access to instructions and downloads for the images viewers. See Page 8–9.

Current password information and filter preferences are displayed on the Account Page. To modify, click the Edit Link.

Filter preferences control the patient exam display results that you see, by default, when you log into the portal or click the Home Page Button.

### Resetting Your Password

To reset your password:

1. Click the Edit Link to modify your password.
2. Enter your current password.
3. Enter your new password.
4. Retype your new password to confirm.
5. Click the Save Button.

The password display will update with a new date and time to confirm your password has been reset.

### Modifying Your Filter Preferences

To modify your filter preferences:

1. Click the Edit Link to modify filter preferences.
2. Select the filter settings to match your preference. Check or uncheck items in the drop-down menus.
3. Click the Save Button.

The updated filter preferences will display to confirm the modifications.

**Exam Status** sets which tab is displayed by default: Completed, Scheduled, or In Progress.

**Timeframe** defines how many days of patient data are displayed by default.

**Exam Types** defines the types of exams that are displayed by default.

**Ordering Practices** define which practices' patients are displayed by default.

**Ordering Providers** define which providers' patients are displayed by default.

**Include if CC'd** will include results when the ordering provider has been cc'd on an exam.

**Auto-Refresh** defines the duration for when the portal will re-query the backend system for the latest patient exam data.

The **"Now Showing"** sentence explains the current filter settings on the Home Page. You can show or hide the sentence.





## Get Help!

If you need help getting started, solving technical issues, or learning how to use the portal, contact the portal's **Web Team**.

Click on the Get Help Icons throughout the portal.

Email:

[WebTeam@RadNet.com](mailto:WebTeam@RadNet.com)

Phone:

209-336 -3778