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sense and simplicity

iSite PACS 3.6:
iSite Radiology Overview

Confidential

Learning Objectives

- Understand the major differences between iSite Enterprise and iSite Radiology applications
- Be able to install and configure iSite Radiology
- Be able to navigate through images in an exam using the diagnostic monitors (navigational rectangles)
- Be able to create Conference Presentation States
- Understand Worklist Filter configurations

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iSite Radiology

- ***iSite Radiology*** is a client-based application that supports the following:
- Radiologists Operating Panel (**ROP**)
  - Separates navigation and diagnostic presentation
  - Supports color modalities
  - Eliminates tools and menus on diagnostic screens
  - Allows for fast protocol / image rearrangement via navigational rectangles
  - Customizes and saves Hanging Protocols for individual users

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iSite Radiology

- Optional: 1, 2, or 4 *Diagnostic Monitors* (2, 3, or 5 megapixel)
- *Mark Read* function
- Allows exams to fall off the active reading worklist
- *DICOM Printing*
- Application Programming Interface (API)
  - Allows third-party solutions to integrate with iSite PACS (Dictation, 3D applications)
- Cross-Application Compatibility with iSite Radiology
- Conference Presentation States for reviewing, Resident Workflow, presentations

iSite Radiology

Installation:

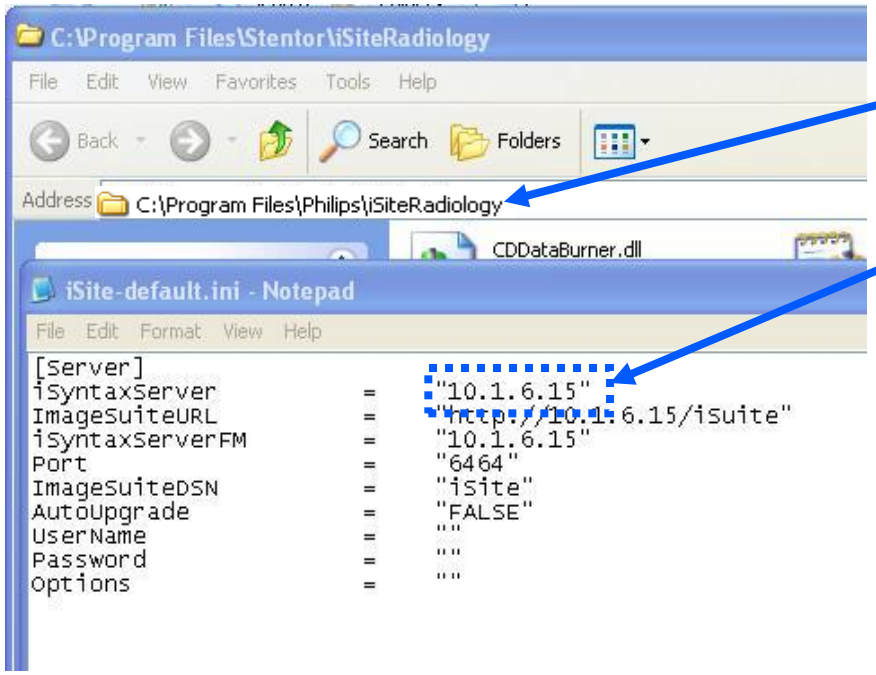
1. Go to client machine and open Internet Explorer

2. Type the Philips iSite server IP Address in the Address bar as follows: “xxx.xxx.xxx.xxx**/isiteradiology.msi**”

3. Double click on the **iSiteRadiology.Msi installer**

4. After the application is installed, edit the isite.ini file to point to your server IP

iSite Radiology



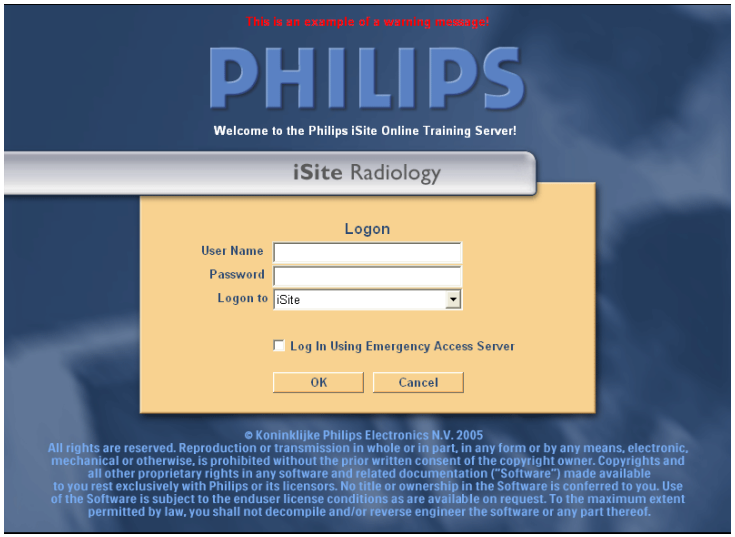
1. On iSiteRadiology workstation in Windows Explorer, navigate to C:\Program Files\Philips\iSiteRadiology
2. Edit the ‘iSite-default.ini IP Address to match the IP Address of the Philips iSite server at your facility
3. Select “Save as” to save the ‘iSite-default.ini as ‘iSite.ini’

Logging In

1. Launch from the desktop.

2. Each authorized user will have their own username and password (same as the one for iSite Enterprise)

iSiteRadiology.exe.lnk



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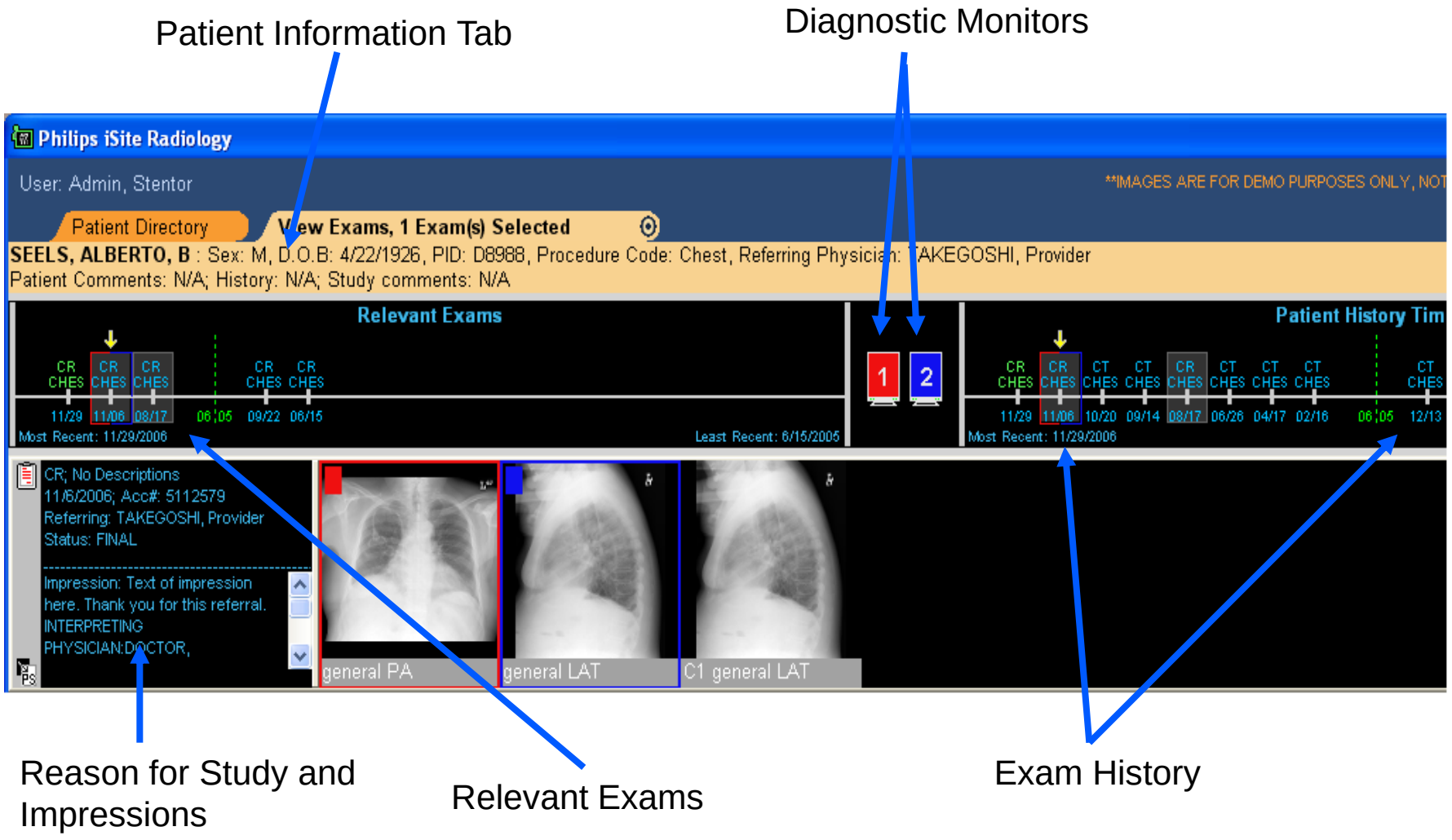
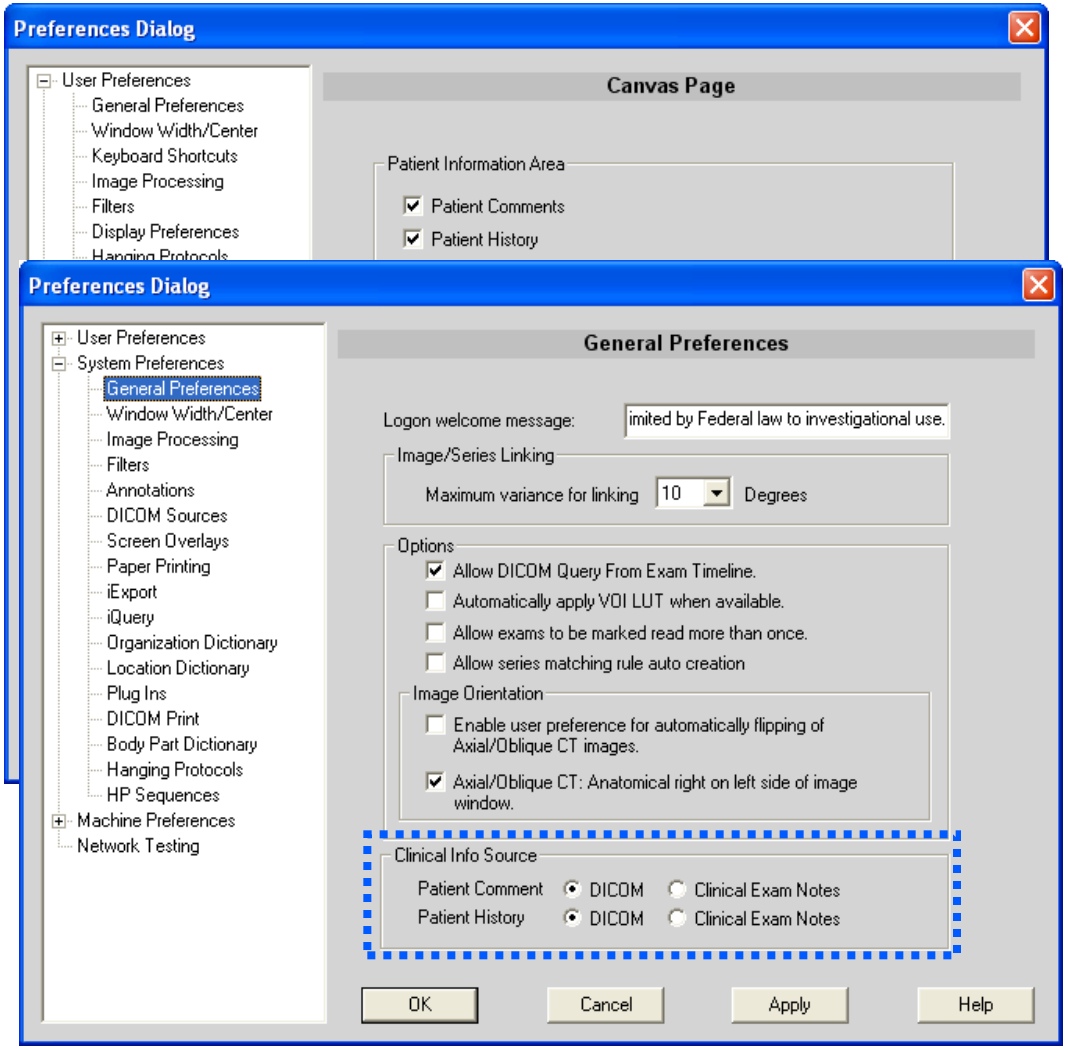
Exam Navigation



Canvas Page Preferences



- Patient Comments
- Patient History
- Study Comments
- Reason for Study
- Impressions (parsed from report messages)
- Clinical Information Source for Comment and History is selected by accessing System Preferences

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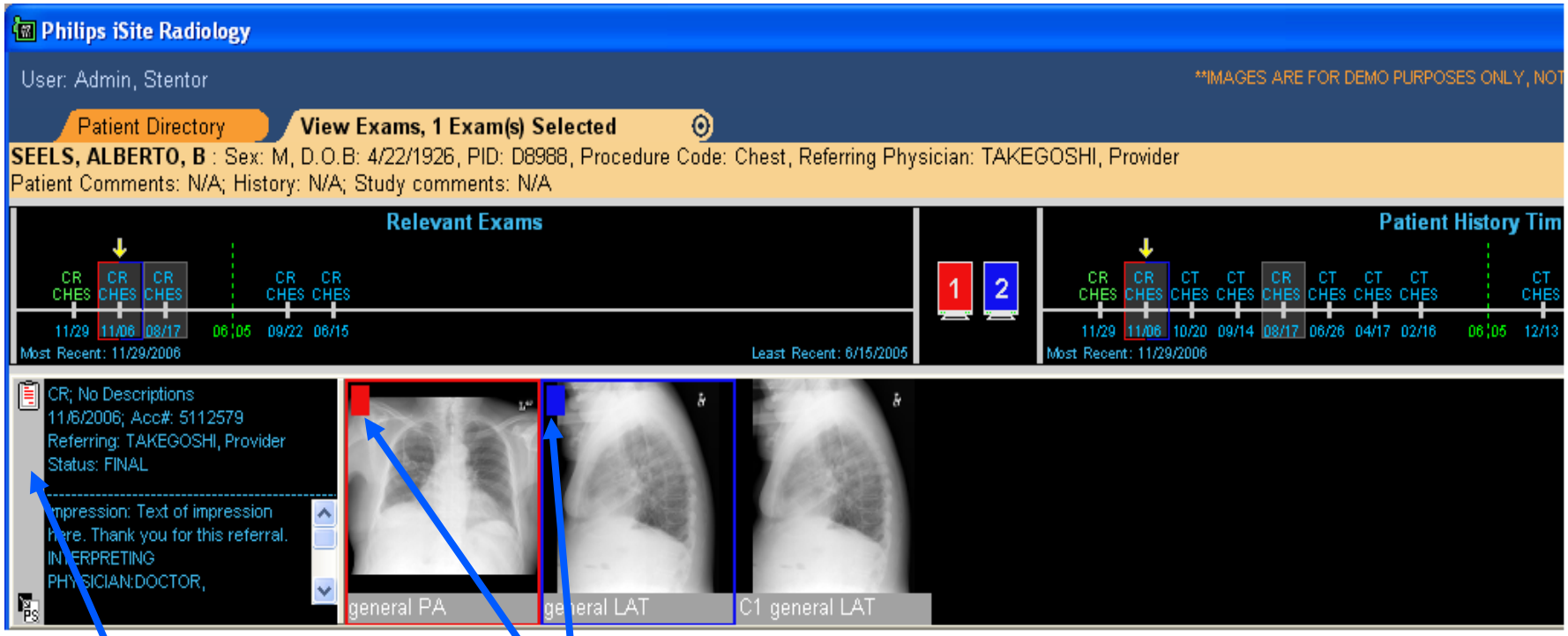
Exam Navigation



Shelf Bar

Navigational Rectangles

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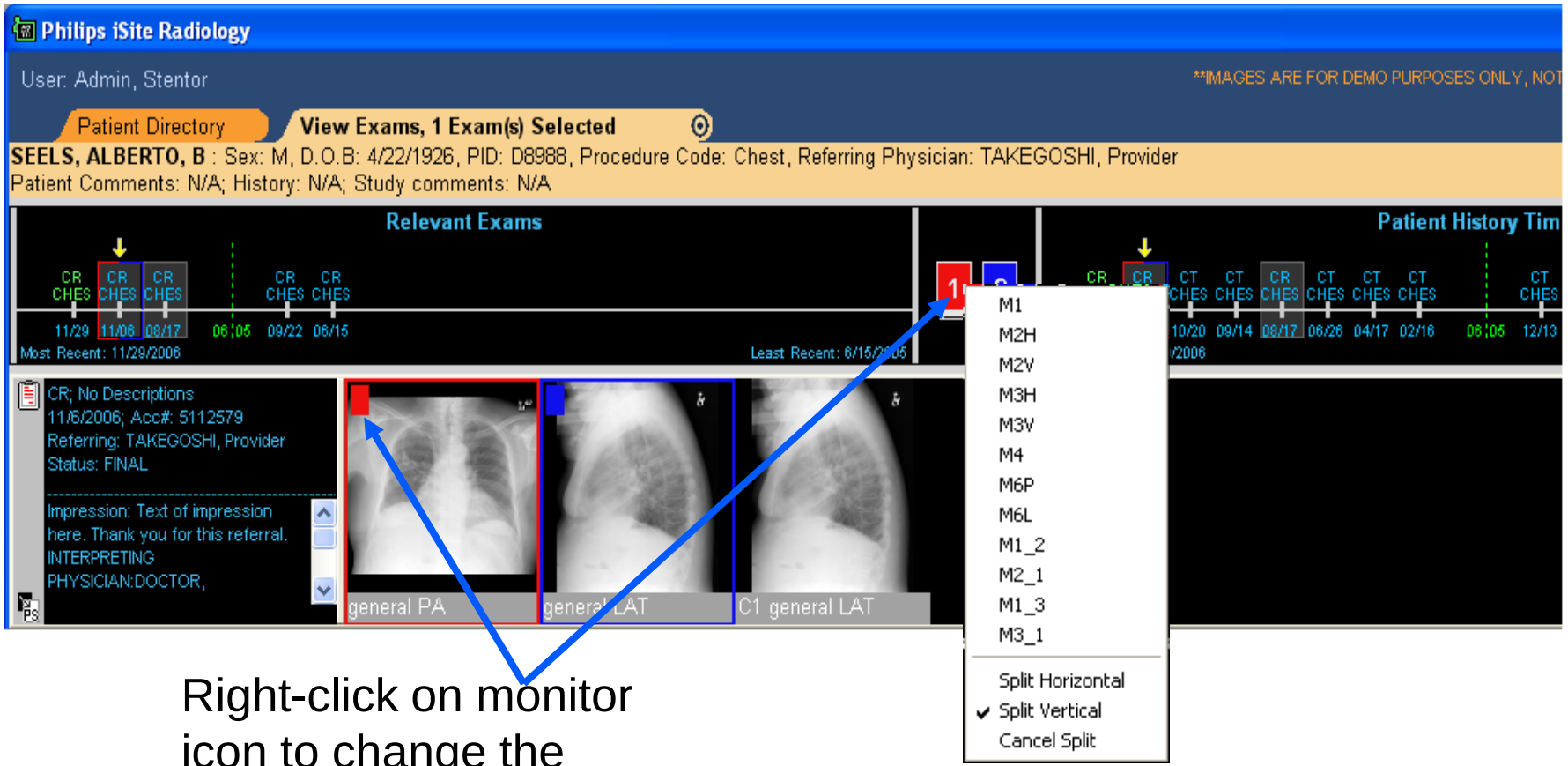
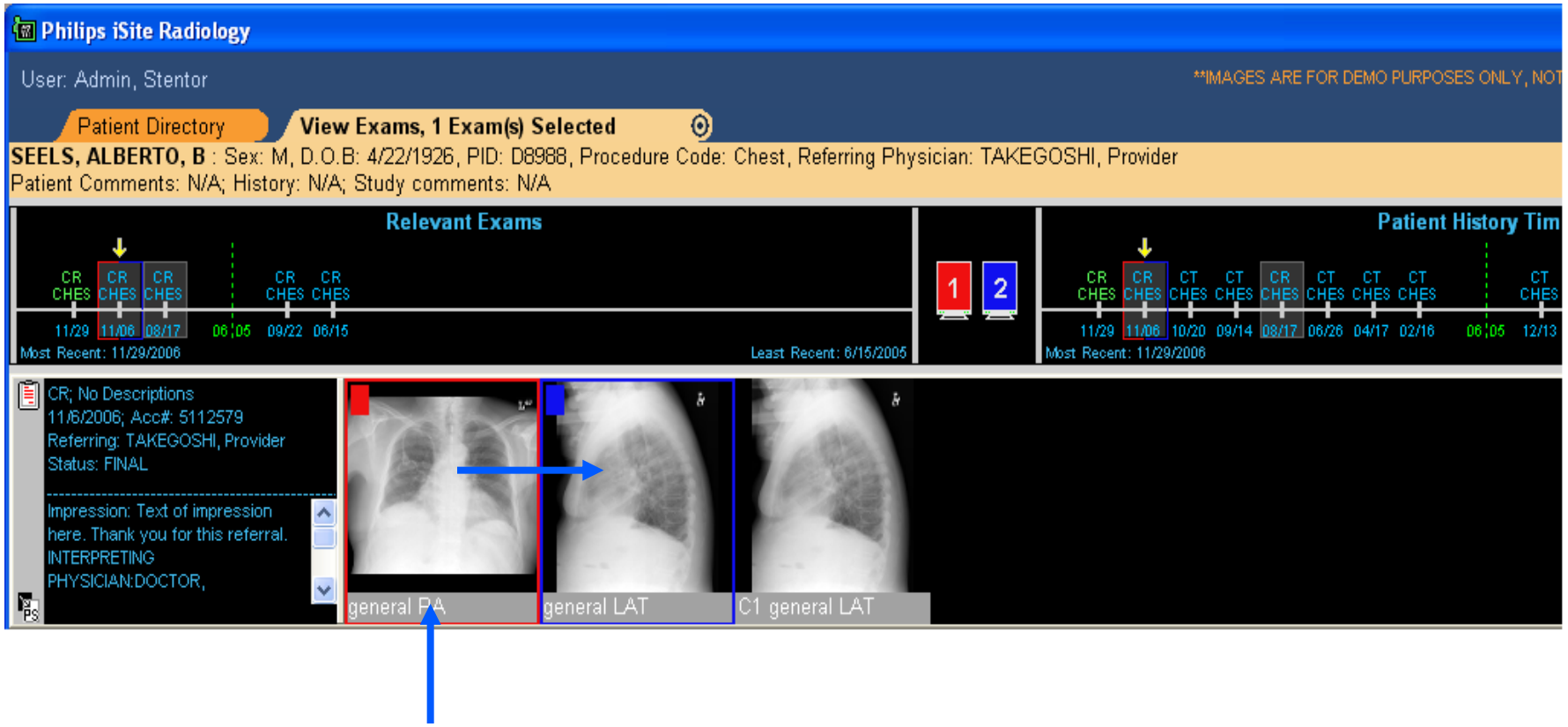
Exam Navigation



Right-click on monitor icon to change the configuration

Exam Navigation Continued



Select and drag series to change the order they appear on the monitors

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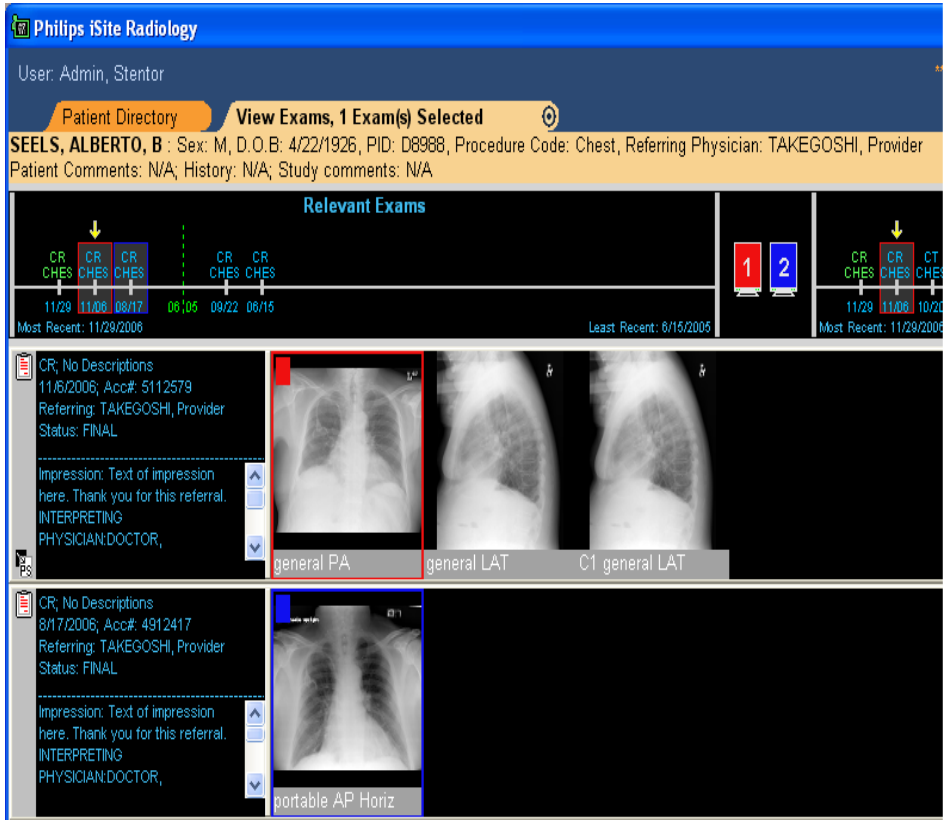
Exam Navigation



Main Exam is displayed on the Left Monitor

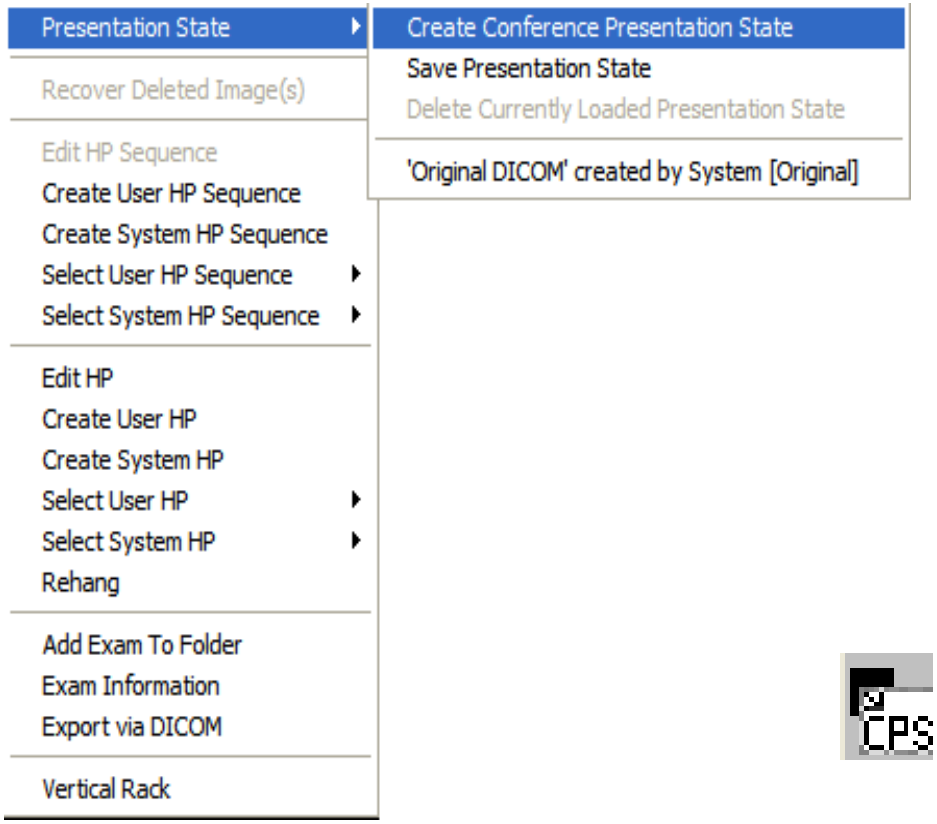
Prior Relevant Exam is displayed on the Right Monitor

iSite Radiology

Workbook Review

- Open an exam in iSite Radiology
- Manipulate images and monitor configurations
- Follow the directions in the Workbook
- Fifteen minutes

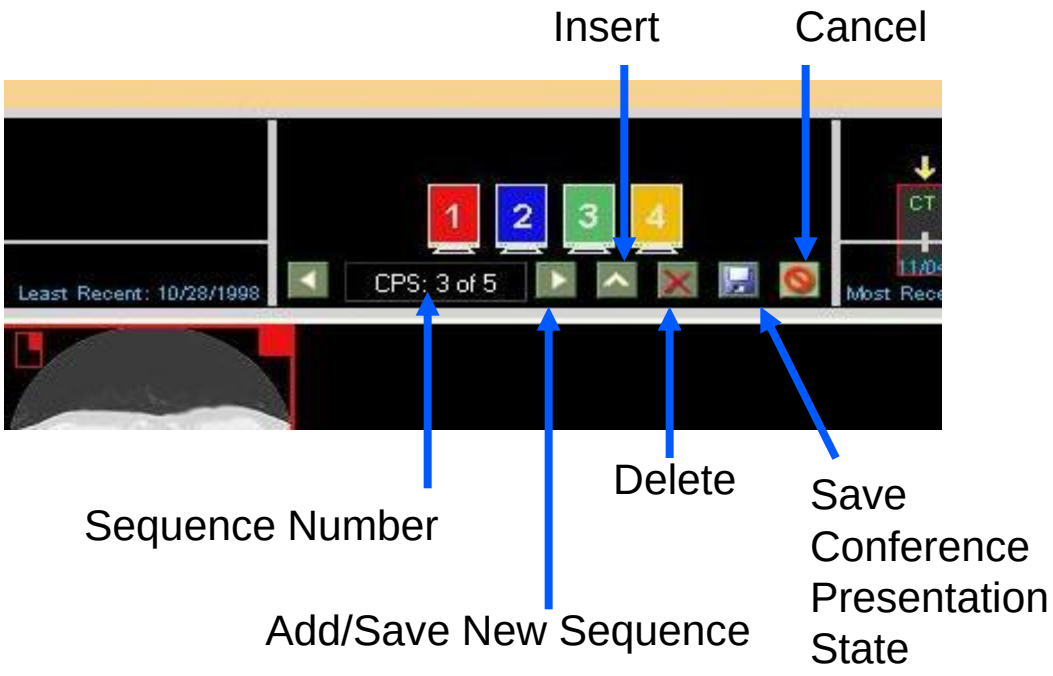
Conference Presentation State



- Multiple presentation states are created together to make a Conference Presentation State
- Scroll through the Presentation States when reviewing/presenting an exam (Tumor Board, Resident Workflow, etc.)

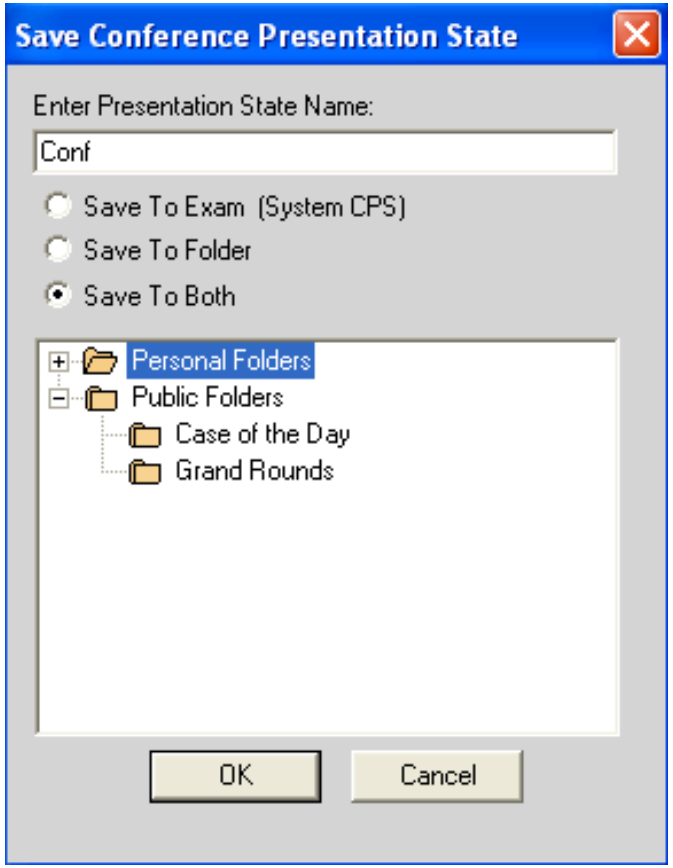
- Icon is displayed on Shelf Bar and Folder Exam List

Conference Presentation State



- Create Conference Presentation States by Adding, inserting, and deleting pages
- Modify monitor configuration and Image manipulation (processing, measurements, annotations, etc.)
- Up to 20 Presentation States can make up one Conference Presentation State

Conference Presentation State



- Conference Presentation States are saved as System Defaults or in Public Folders
- System Default Conference Presentation States are saved within the patient's study
- Conference Presentation States saved within folders are saved within the folder and are only available for viewing from the folder
- Zoom and Pan are not saved within Conference Presentation States

Conference Presentation State

1. "Mark Read" Presentation State: *Radiologist uses the "Mark Read" button (ability to save presentation state upon "Mark Read" is a User Preference)*
2. *"Conference" Presentation State: Multiple presentation states created within iSite Radiology for reviewing (System Default Only)*
3. "Pre-Read" Presentation State: *Radiologist to save image presentation modifications so that it can be read later*
4. "Technologist" Presentation State: *Prior to the radiologist viewing and interpreting the exam*
5. "Original DICOM" Image Presentation: *No Presentation States have been defined for this exam.*
6. "User" Presentation State: *Does not take precedence over other users or the original DICOM presentation*

iSite Radiology

Workbook Review

- Create Conference Presentation State
- Follow the directions in the Workbook
- Fifteen minutes

Reading Worklists

- iSite Radiology Worklists enable the user to filter the Patient Directory based on specific parameters
- If one of the worklist parameters is “Unread Only”, then those exams will automatically fall off the worklist as they are “Marked Read” by the Radiologist
- The next exam on the Worklist will automatically open if the User Preference is activated

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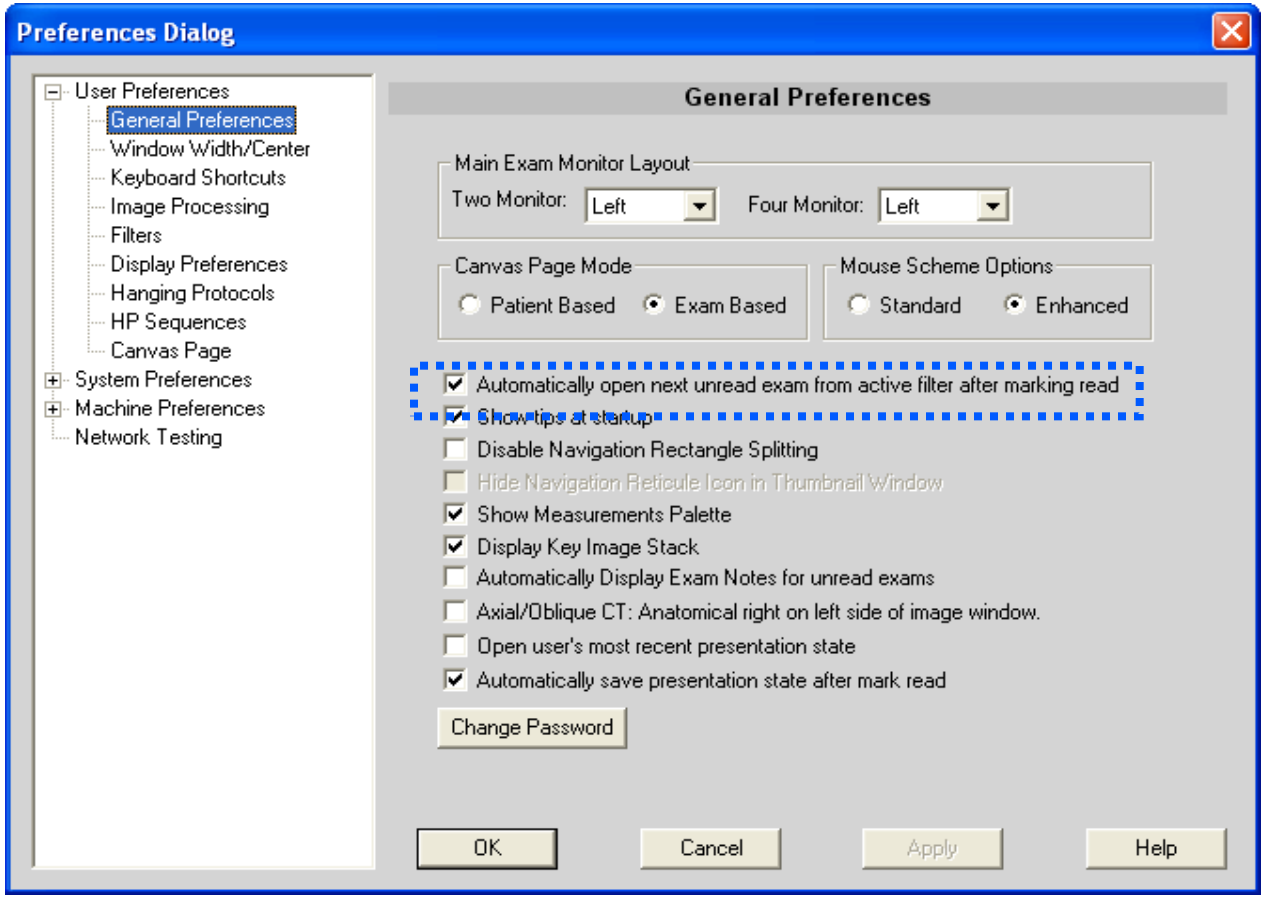
Automatically Open Next Exam



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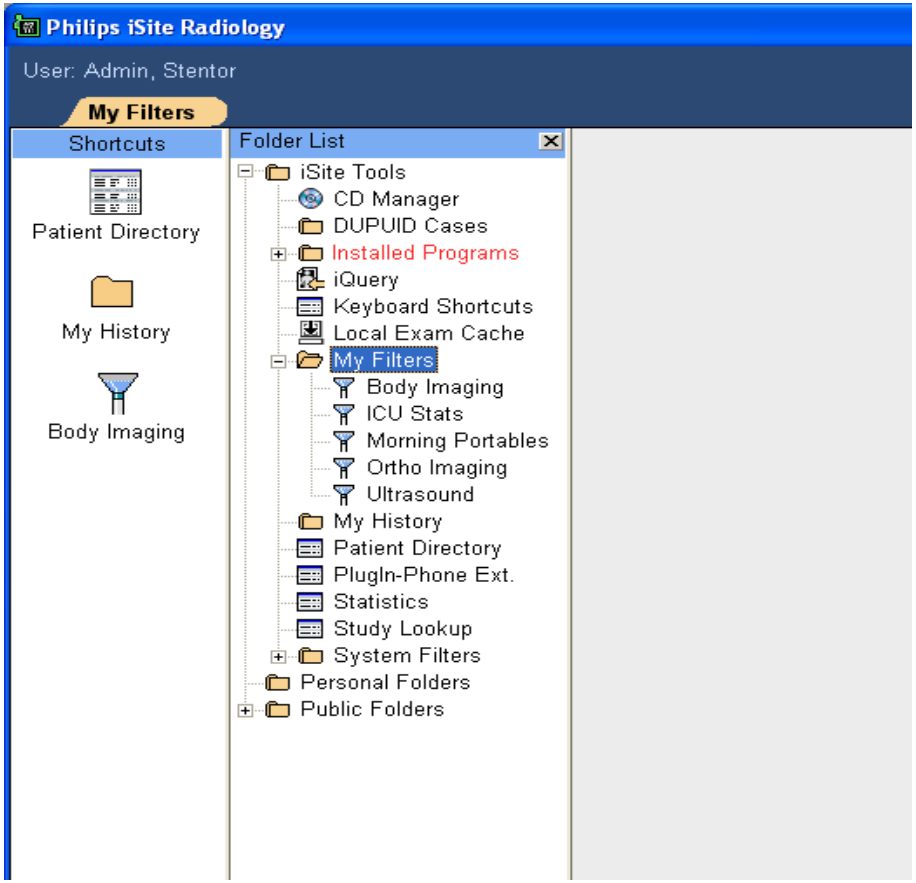
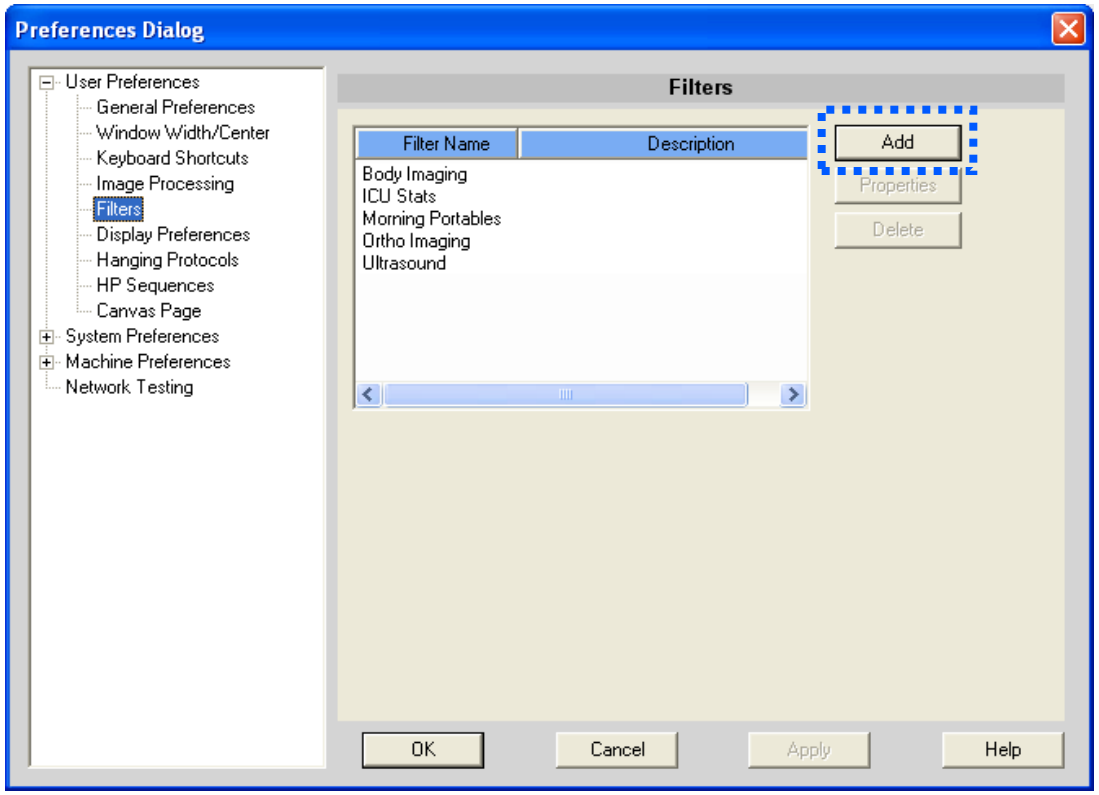
Worklist Filters



- My Filters:
  - Created by the user
  - Available to that user for iSite Radiology as well as iSite Enterprise
- System Filters:
  - Available to all users

Filters



- Select the “P” for Preferences
- Select User Preferences
- Filters
- Add

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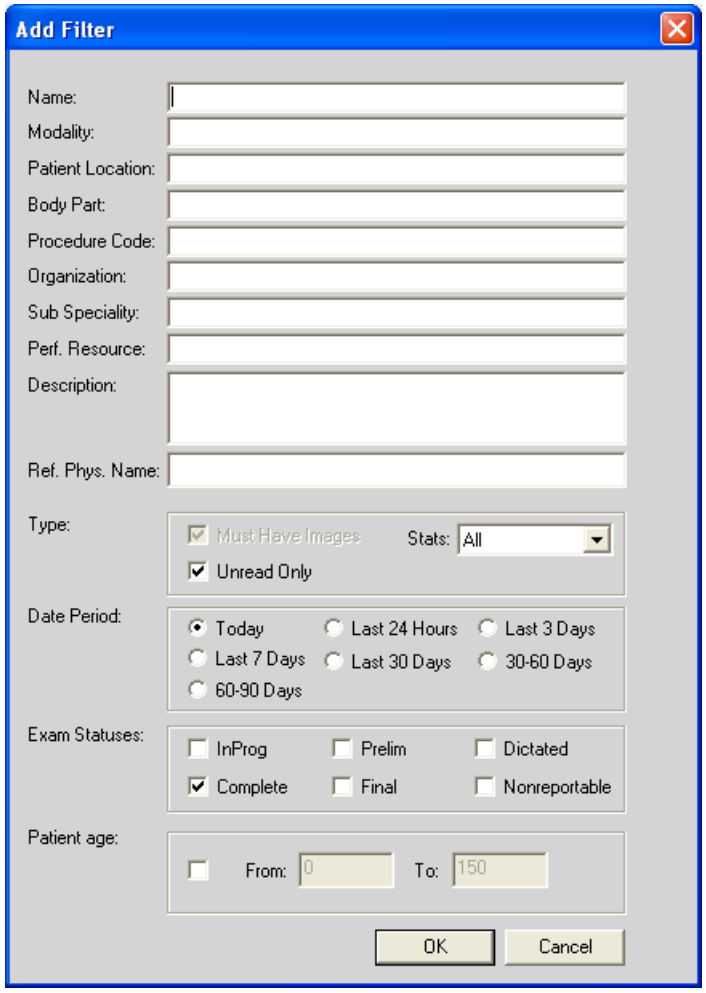
Filters



- This screen allows the user to generate a filter
- Users are not required to fill in all the fields because the default for an empty field is **all**
- When you have finished making changes, click **Apply** and then **OK** to save and exit the Dialog box

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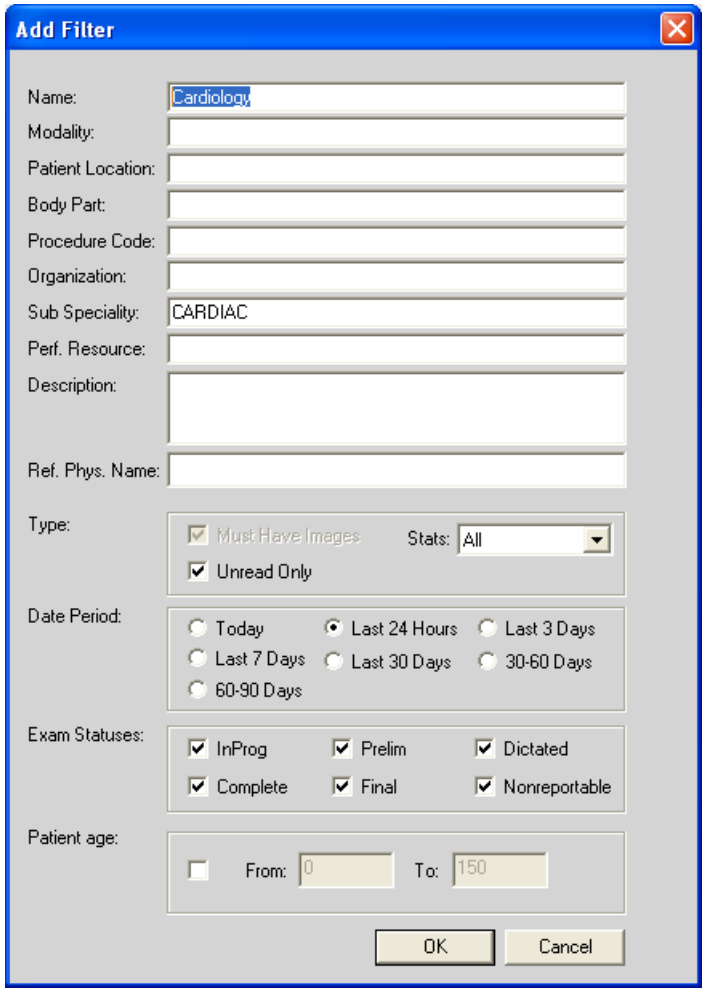
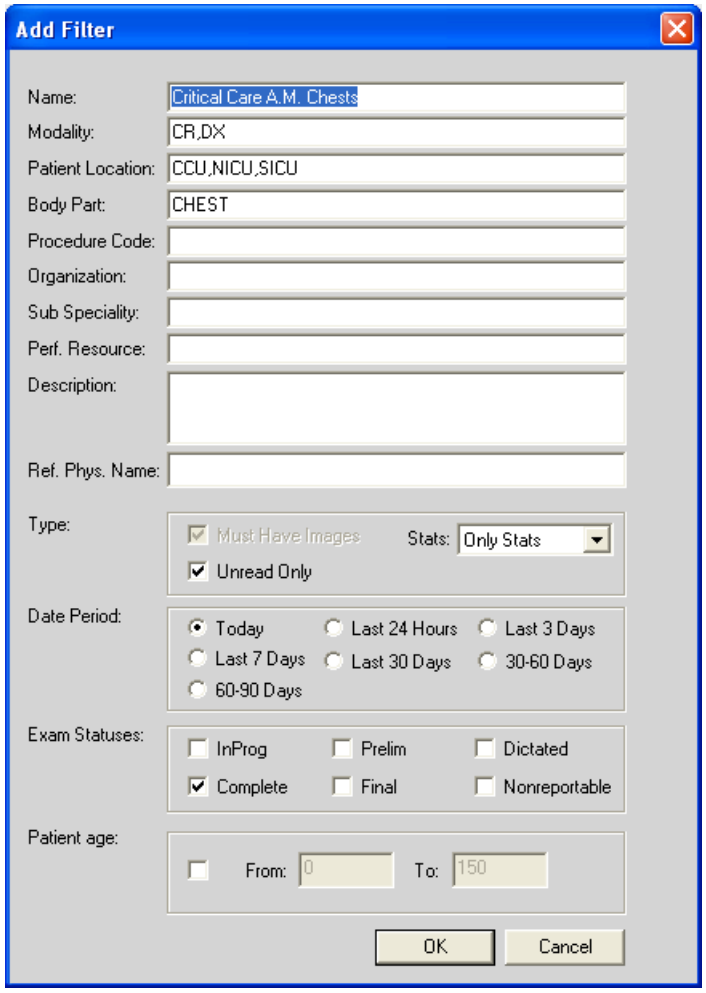
Filters



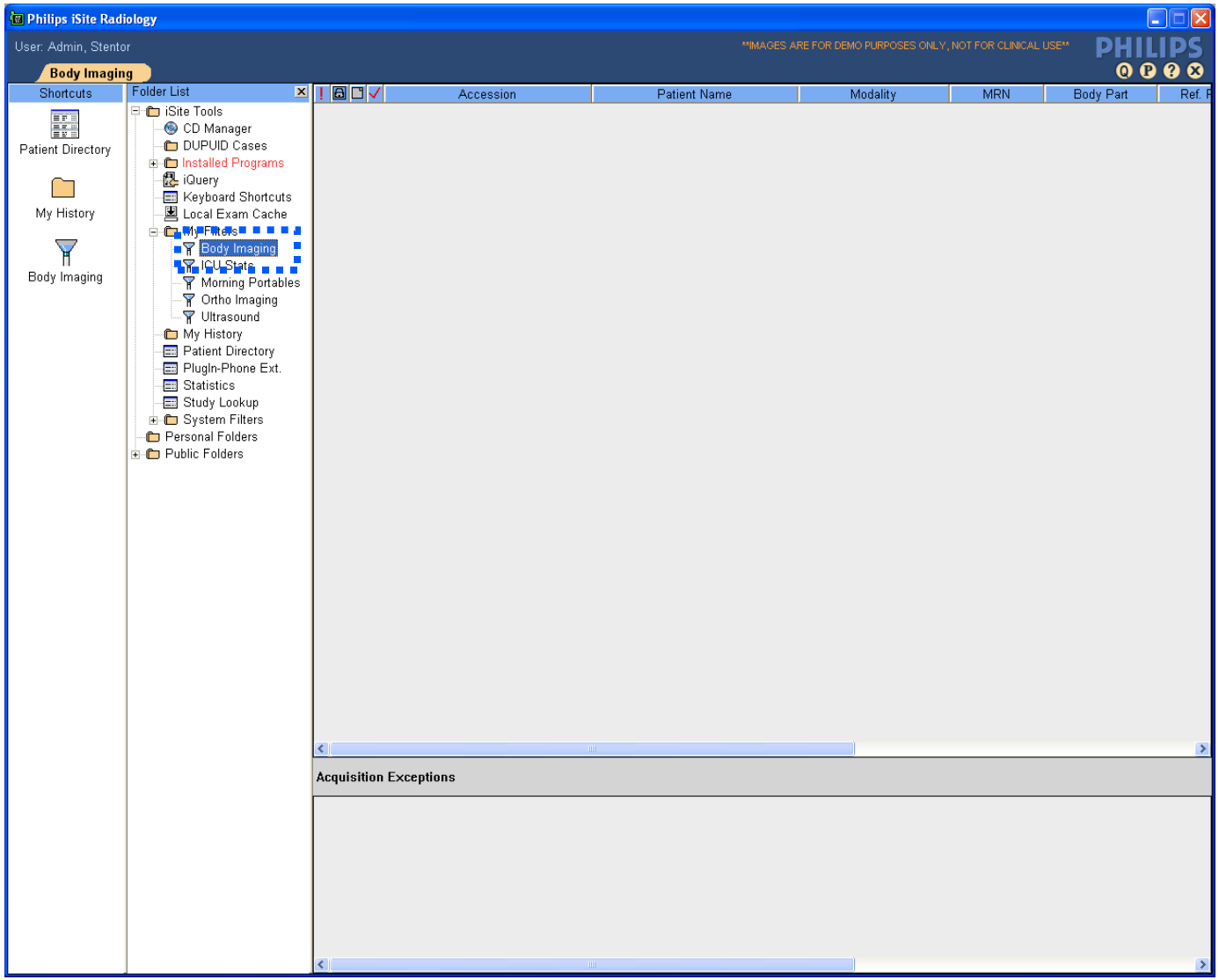
- Example:
  - "CARDIAC" subspecialty (as defined in the Exam Dictionary)
  - Unread
  - Last 24 Hours
  - All Exam Statuses

Filters



- Example 2:
  - "CR" and "DX" (DR) images for patients in
  - "Critical Care" Units
  - For Body Part "Chest"
  - "Stat" priority
  - Today
  - "Unread Only"
  - "Completed" Exam Status

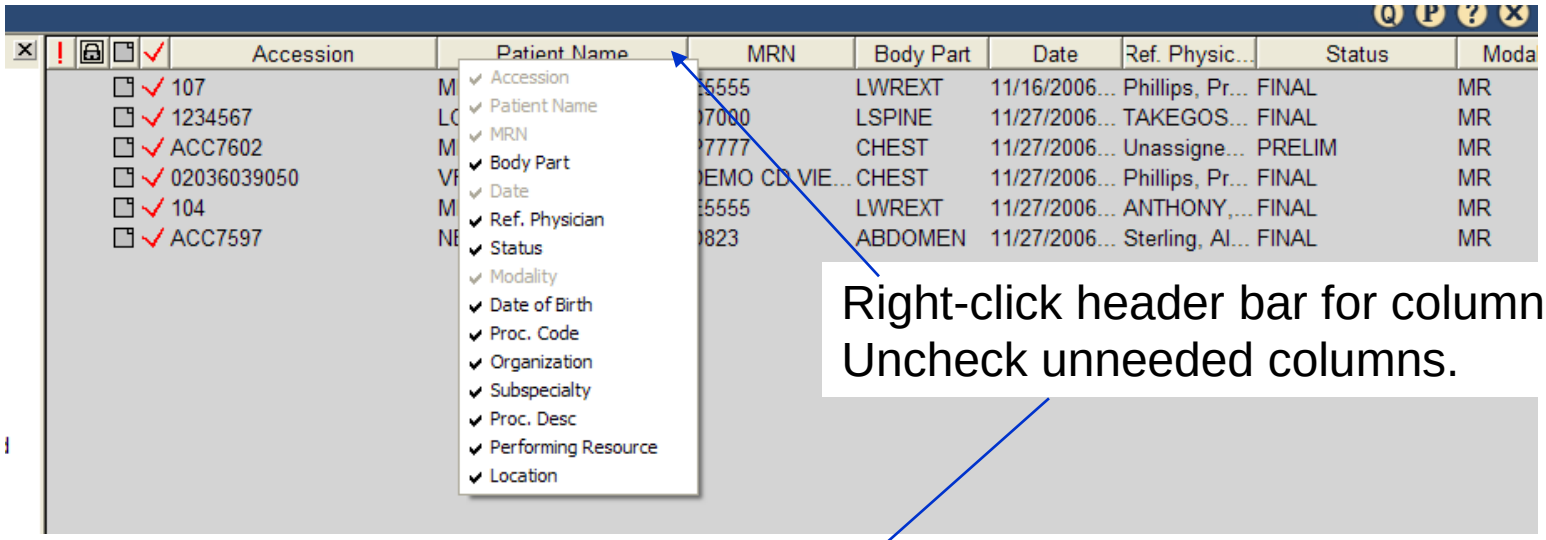
Selecting a Filter for Viewing



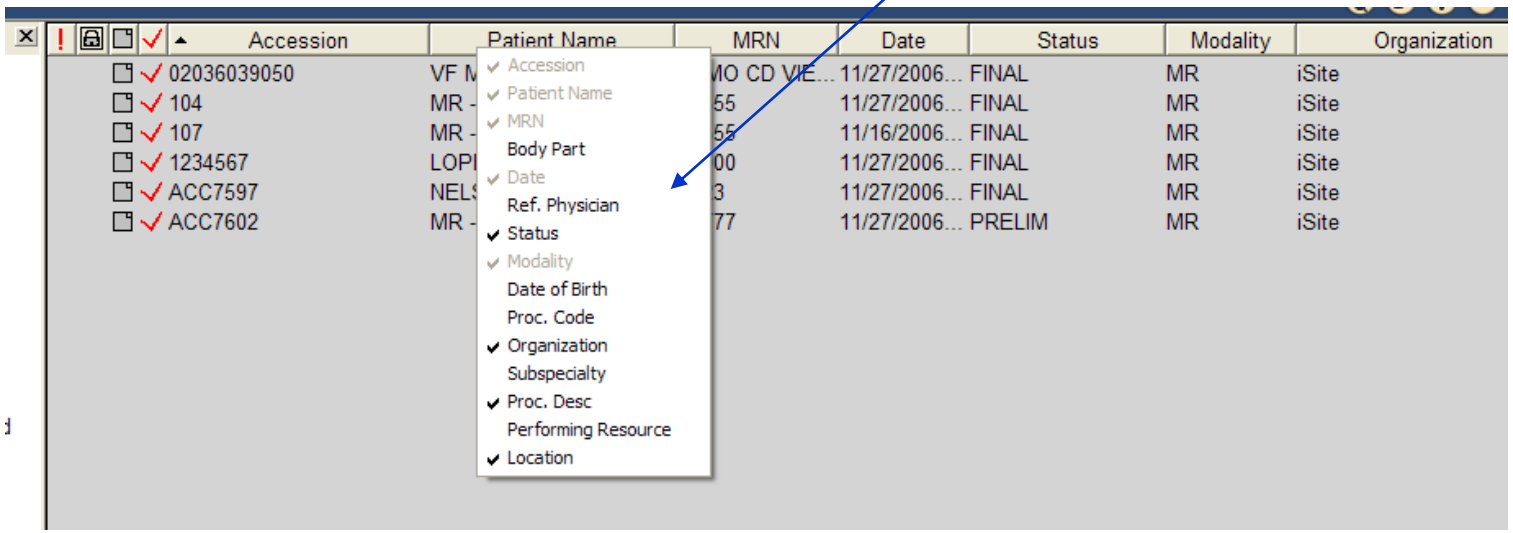
Customizing Filter Views

- Columns may be hidden
- Columns may be reordered from left to right
- Columns may be sorted
- Changes are retained for each filter and for each user

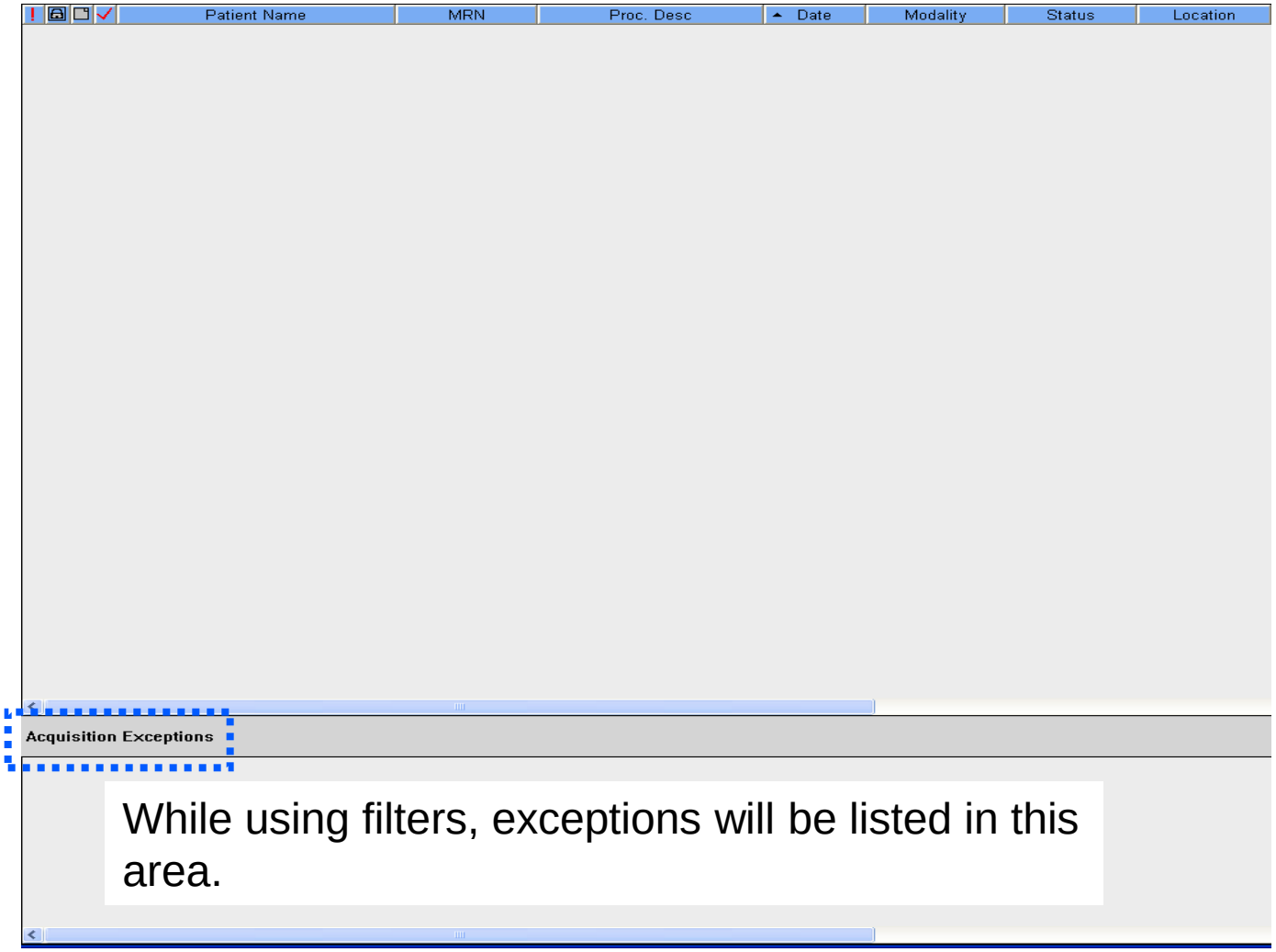
Customizing Filter Views



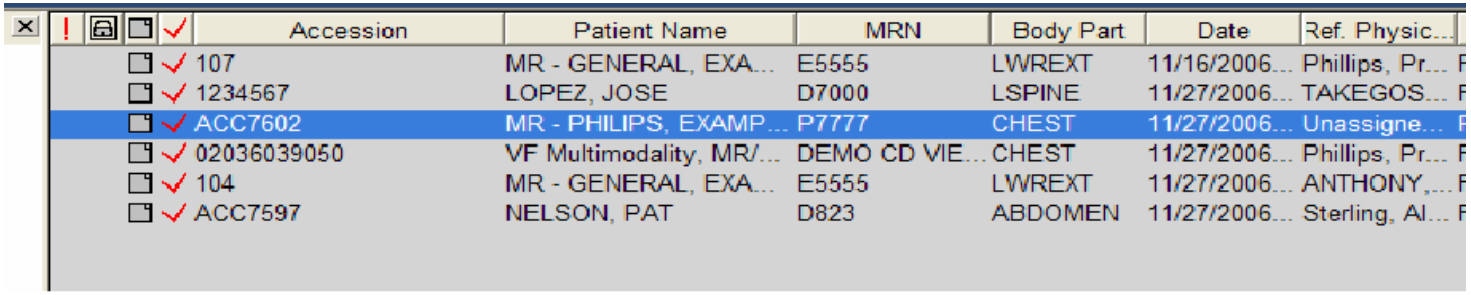
Right-click header bar for column list.
Uncheck unneeded columns.



Customizing Filter Views



Filter Icons



Accession	Patient Name	MRN	Body Part	Date	Ref. Physic...
107	MR - GENERAL, EXA...	E5555	LWREXT	11/16/2006...	Phillips, Pr...
1234567	LOPEZ, JOSE	D7000	LSPINE	11/27/2006...	TAKEGOS...
ACC7602	MR - PHILIPS, EXAMP...	P7777	CHEST	11/27/2006...	Unassigne...
02036039050	VF Multimodality, MR/...	DEMO CD VIE...	CHEST	11/27/2006...	Phillips, Pr...
104	MR - GENERAL, EXA...	E5555	LWREXT	11/27/2006...	ANTHONY,...
ACC7597	NELSON, PAT	D823	ABDOMEN	11/27/2006...	Sterling, Al...

Indicates Marked Read

Indicates Report available

Indicates a user with Read privileges has the study open and controls the ability to read the study.

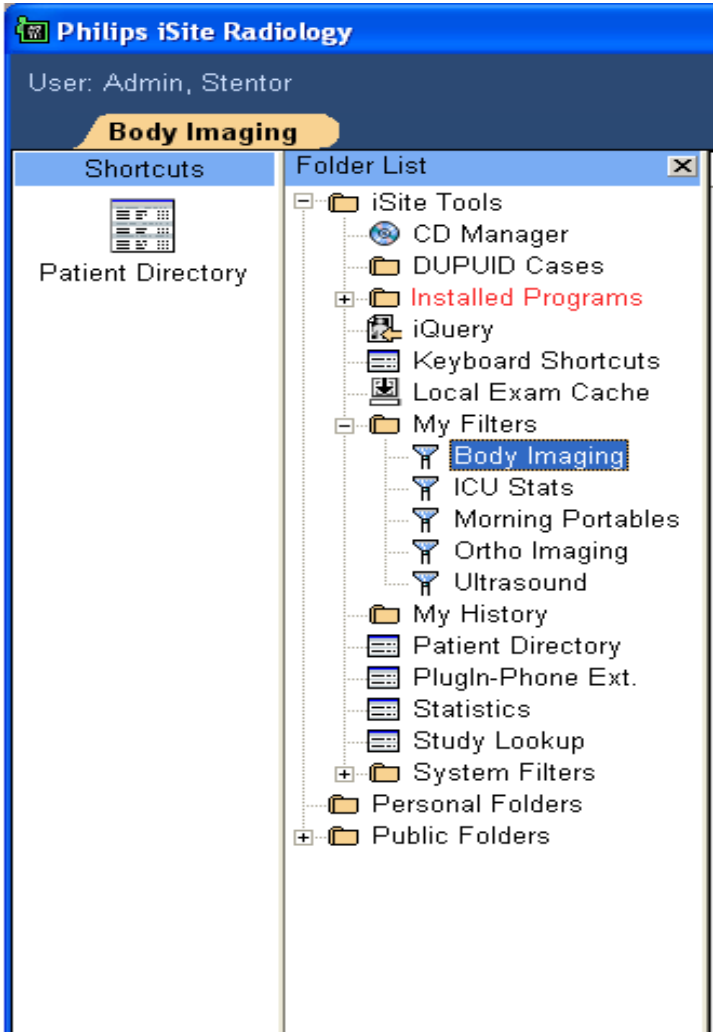
!

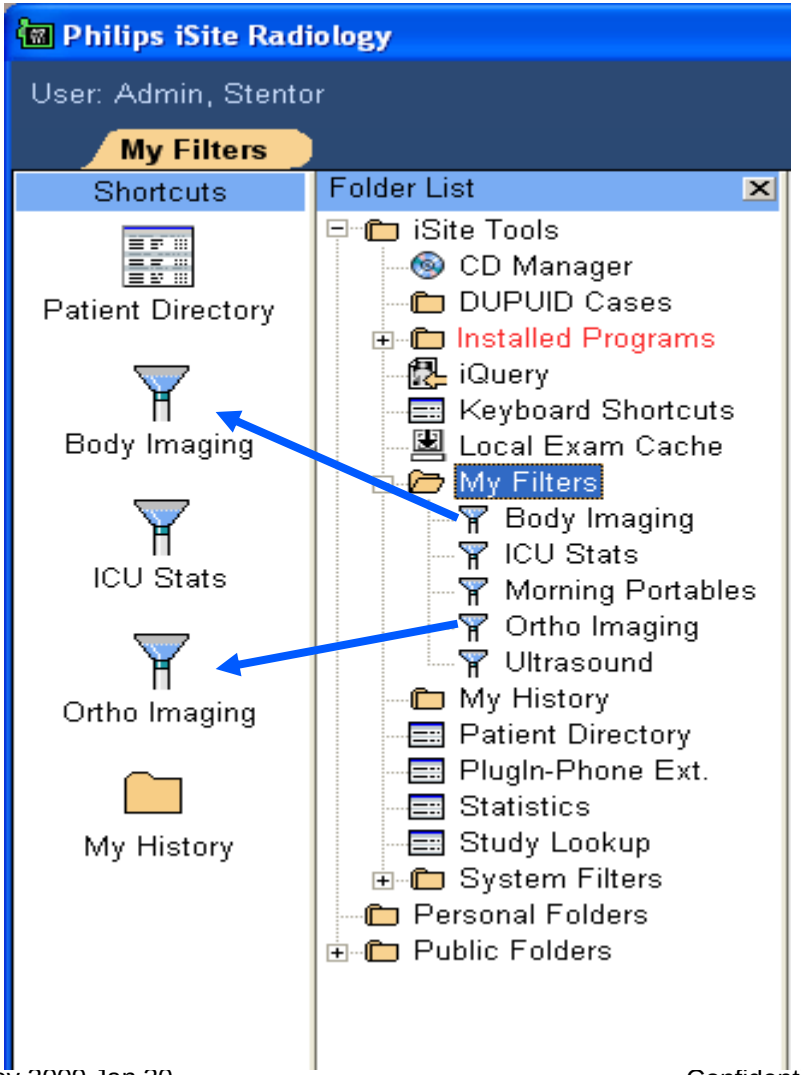
Indicates STAT

These columns may be sorted as well

Filters may be saved as Shortcuts

Left-click and drag





iSite Radiology

Workbook Review

- Create a Reading Worklist Filter
- Follow the directions in the Workbook
- Fifteen minutes

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