

## Clinical Reporting in Teaching Facilities

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Unity Release 11      April 3, 2015      For reading physicians and residents

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### Overview

#### Paired-Dominator Workstation (Recommended Option)

When a Staff Physician displays an exam and report on the Dominator Reading Station, a Resident or trainee can optionally use a neighboring Resident Reading Station to access exams for review and editing. The Staff and Resident interactively pass a report back and forth for editing. The system also enables:

- Concurrent manipulation of images and report editing.
- Independent or cooperative completion of tasks.
- Simultaneous exam review and report dictation.

**Figure 1: Paired-Dominator Workstation**



## Resident Workflow

The more often reports can be approved during the initial staff review, the better. This optimized teaching paradigm results in less work for personnel and expedited patient care. By using the paired set up, trainees can more often complete required edits during the initial review.

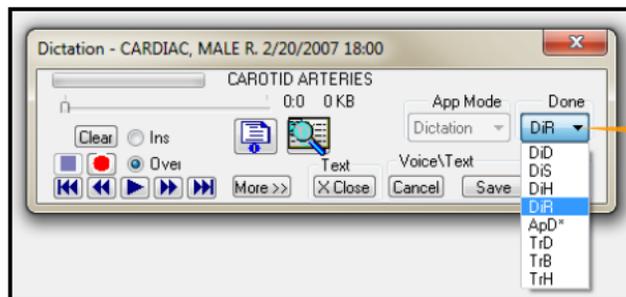
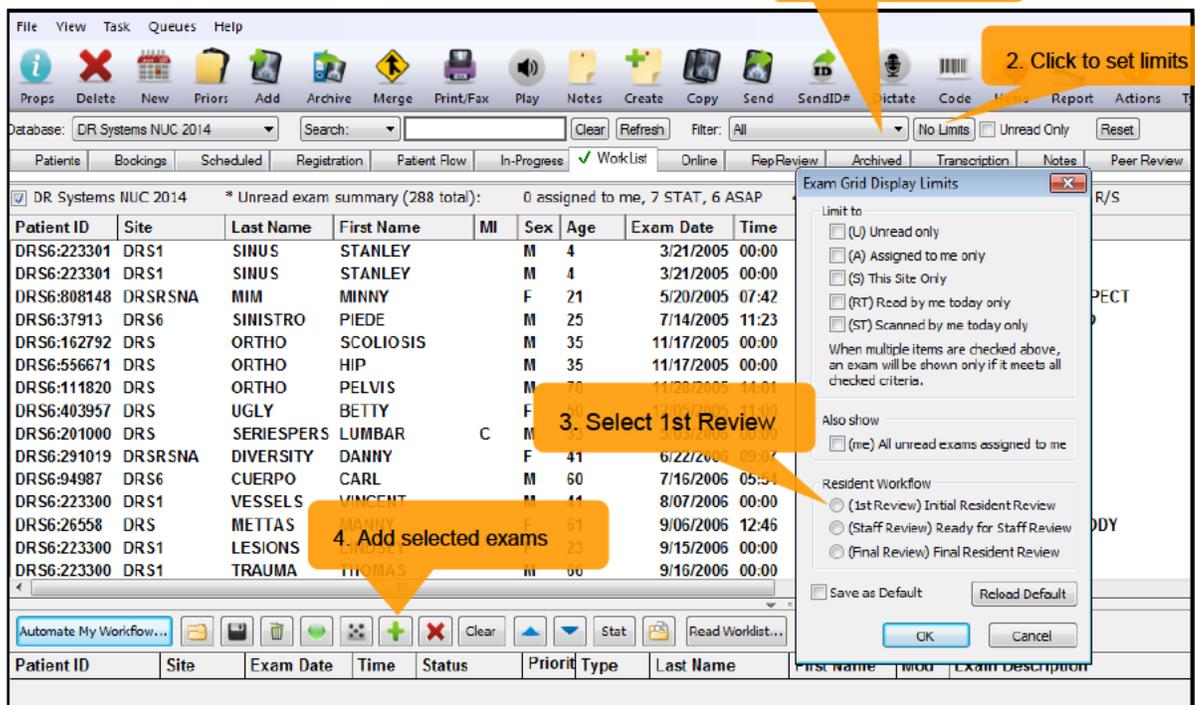
### Step 1: Initial Resident Review (1<sup>st</sup> Review)

A Resident locates exams that are not yet read, reported, or locked by others, and then adds them to the Resident's individual worklist. Exams are read and saved.

For details, see the following screen shot.

1. From the worklist tab, select the desired filter.
2. Click **No Limits** to display Exam Grid Display Limits.
3. Select the **1st Review** button, and then click **OK**.
4. Click **+** to add selected exams to the individual worklist, then click Read Worklist and preview the images.
5. Create a preliminary report. Save in **DiR** status.

Figure 2: Setting filters to yield 1<sup>st</sup> Review exams for Residents



## Step 2: Staff Physician Reviews Resident Reports (Staff Review)

The Staff Physician can now review the Resident's reports to recommend changes or approve. See the following sections for options:

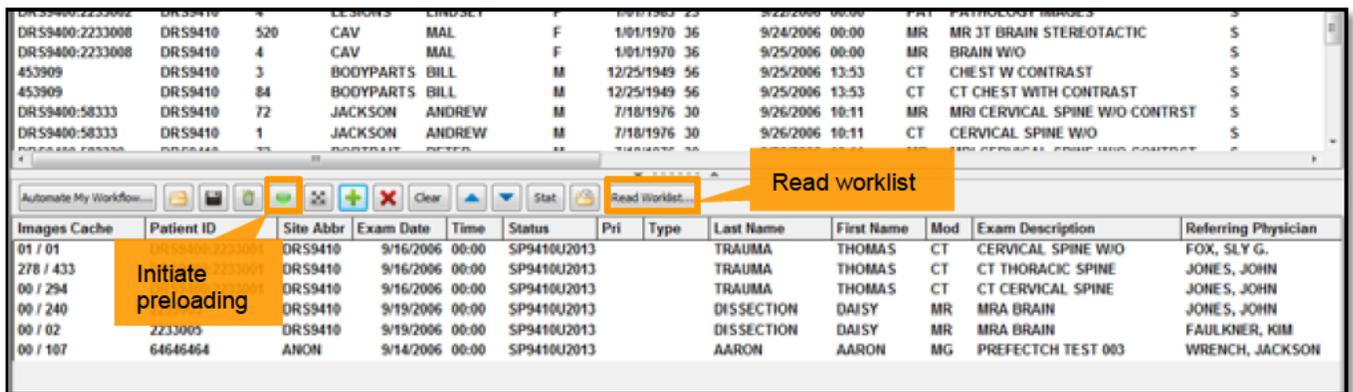
### Option A: If the Resident's individual worklist is still present on the Staff Physician Dominator

1. The Staff Physician logs into the multi-monitor Dominator.
2. Click  on the individual worklist toolbar to reinitiate image preloading into RAM.

 Result: The list of exams just reviewed by the Resident that are no longer in RAM - are preloaded again starting from the top of the list.

3. Click the Read Worklist button.

Figure 3: The Individual Worklist Toolbar



Images Cache	Patient ID	Site Abbr	Exam Date	Time	Status	Pri	Type	Last Name	First Name	Mod	Exam Description	Referring Physician
01 / 01	DRS9410:2233002	DRS9410	9/16/2006	00:00	SP9410U2013			TRAUMA	THOMAS	CT	CERVICAL SPINE W/O	FOX, SLY G.
278 / 433	DRS9410:2233008	DRS9410	9/16/2006	00:00	SP9410U2013			TRAUMA	THOMAS	CT	CT THORACIC SPINE	JONES, JOHN
00 / 294	453909	DRS9410	9/16/2006	00:00	SP9410U2013			TRAUMA	THOMAS	CT	CT CERVICAL SPINE	JONES, JOHN
00 / 240	453909	DRS9410	9/19/2006	00:00	SP9410U2013			DISSECTION	DAISY	MR	MRA BRAIN	JONES, JOHN
00 / 02	2233005	DRS9410	9/19/2006	00:00	SP9410U2013			DISSECTION	DAISY	MR	MRA BRAIN	FAULKNER, KIM
00 / 107	64646464	ANON	9/14/2006	00:00	SP9410U2013			AARON	AARON	MG	PREFECTCH TEST 003	WRENCH, JACKSON

### Option B: If the Resident's individual worklist is no longer present

The Resident recreates the individual worklist on the multi-monitor Dominator using the Staff Review filter and then logs out for the Staff Physician to log in.

Alternative method: The Resident's previewed exams can also be found by sorting the dictated by grid column to sort previewed exams by Resident.

1. Click **No Limits** to access the Exam Grid Display Limits.
2. Select **Staff Review**, and then select **OK**.  
The Staff Review filter shows exams in Scanned status with reports in any status dictated by the logged-in Resident except for non, ApR, and ApD.
3. Click  to add selected exams to the individual worklist.
4. The Staff Physician now logs in and clicks Read Worklist.

Figure 4: Staff Physician reviews the worklist

The screenshot displays the DR Systems NUC 2014 interface. At the top, there is a search bar and a filter dropdown set to 'All'. A 'No Limits' button is visible. Below this is a grid of patient exams with columns for Patient ID, Site, Last Name, First Name, MI, Sex, Age, Exam Date, and Time. A dialog box titled 'Exam Grid Display Limits' is open on the right, showing various filter options. The 'Resident Workflow' section has '(Staff Review) Ready for Staff Review' selected. At the bottom, a toolbar contains a plus icon and a 'Read Worklist...' button.

Patient ID	Site	Last Name	First Name	MI	Sex	Age	Exam Date	Time
DRS6:223301	DRS1	SINUS	STANLEY		M	4	3/21/2005	00:00
DRS6:223301	DRS1	SINUS	STANLEY		M	4	3/21/2005	00:00
DRS6:808148	DRSRNA	MIM	MINNY		F	21	5/20/2005	07:42
DRS6:37913	DRS6	SINISTRO	PIEDE		M	25	7/14/2005	11:23
DRS6:162792	DRS	ORTHO	SCOLIOSIS		M	35	11/17/2005	00:00
DRS6:556671	DRS	ORTHO	HIP		M	35	11/17/2005	00:00
DRS6:111820	DRS	ORTHO	PELVIS		M	70	11/28/2005	14:01
DRS6:403957	DRS	UGLY	BETTY		F	30	12/09/2005	11:00
DRS6:201000	DRS	SERIESPERS	LUMBAR	C	F	23	6/28/2006	09:00
DRS6:291019	DRSRNA	DIVERSITY	DANNY		M	60	7/16/2006	05:54
DRS6:94987	DRS6	CUERPO	CARL		M	41	8/07/2006	00:00
DRS6:223300	DRS1	VESSELS	VINCENT		M	61	9/06/2006	12:46
DRS6:26558	DRS	BETTS	MANNY		F	23	9/15/2006	00:00
DRS6:223300	DRS1	TRONIA	FRONIA		M	66	9/16/2006	00:00

1. Click to set limits

2. Select Staff Review

3. Add selected exams

4. Staff Physician logs in and reviews worklist

## Step 3: Report Approval

During review, the Staff Physician decides to approve the Resident's reports, or send back to the Resident for editing.

See the following sections for options:

### Option A: Report ready for immediate approval by Staff Physician

1. Staff Physician determines report is ready for approval.
2. (Optional) Staff Physician makes minor report edits.
3. The Staff Physician saves the report in ApD status.

The Staff Physician's reporting preferences can be set to automatically store reports in ApD status after the exam is marked read. To mark the exam as Read, use the Done or Mark Read/Next buttons; or "Dom Go" or "Dom Save Go" speech commands.

### Option B: Report needs editing by the Resident

#### If the paired Dominator is available

1. Staff Physician closes the **Dictation** dialog to unlock the report.
2. Resident clicks **F6** on the Resident Dominator to automatically find the same exam.
3. Resident clicks the **Dictation** button to open, edit, and save the report in ApR status when complete.
4. If the Resident closes the **Dictation** dialog while the Staff Physician is still viewing the exam on the Staff Dominator, the Staff Physician can still click the **Dictation** button to reopen the report and save in ApD status. Otherwise, the Staff Physician uses the **Report Review** tab to later review, edit, and approve reports.

#### If the paired Dominator is not available

1. Staff Physician closes the **Dictation** dialog box.
2. Staff Physician marks the exam Read when finished viewing the exam, by using:
  - Done or Mark Read/Next buttons  
or
  - "Dom Go" or "Dom Save Go" speech commands
3. The Resident can recreate the worklist later by logging in and using the Exam Grid Display Limits dialog.
4. The Resident selects the last Resident Workflow option, the **Final Resident Review** radio button. This displays all exams in Read (R) status with reports in any status dictated by the logged-in Resident, except for ApR, and ApD.
5. The Resident adds the appropriate exams to the individual worklist, completes the report, and saves in ApR status.
6. The Staff Physician uses the **Report Review** tab to later review, edit, and approve reports.

## Best Practices

### Create Teaching Notes

Create teaching, research or other desired Notes and Tasks using the Create Note feature on the Electronic Requisition.

This can be used to create follow-up tasks to support many diverse workflows.

- ✓ Remember, when you create a Note or Task, you can later filter to find exams based on many criteria, including the Note/Task name and even the text content.

For more on Notes, see the following topics in Online Help: **About Exam Notes** and **Editing Exam Notes**. These topics are available on every DR Systems workstation. From the Help menu, select **Help** topics.

### Use ExamForms as Curriculum

ExamForms can be used to create Resident checklists.

1. Link the ExamForm to an exam type.
2. Create a customized and progressive curriculum for Residents to utilize.

For example, a first-year Resident might be assigned an ExamForm checklist that requires only basic reading be accomplished, while a third-year Resident might be assigned more difficult tasks.

- ✓ For more information, see **ExamForms** in Online Help.

## Report Status Codes

Status Code	Description	Notes
ApD	Approved	Approval is complete by Staff Physician.
ApP	Approving	Approval is in progress by Staff Physician.
ApPr	Approving by a resident	Approval by Resident is in progress.
ApR	Approved by a resident	Approval by Resident is complete.
DiD	Dictated	Dictation is complete.
DiP	Dictating	Dictation is in progress. The Staff Physician is actively dictating the case.
DiPr	Dictating by a resident	Dictation is in progress by Resident. The Resident is actively dictating the case.
DiR	Dictated by resident	Resident's dictation is complete.

- ✓ For a complete list of status codes, see Online Help.