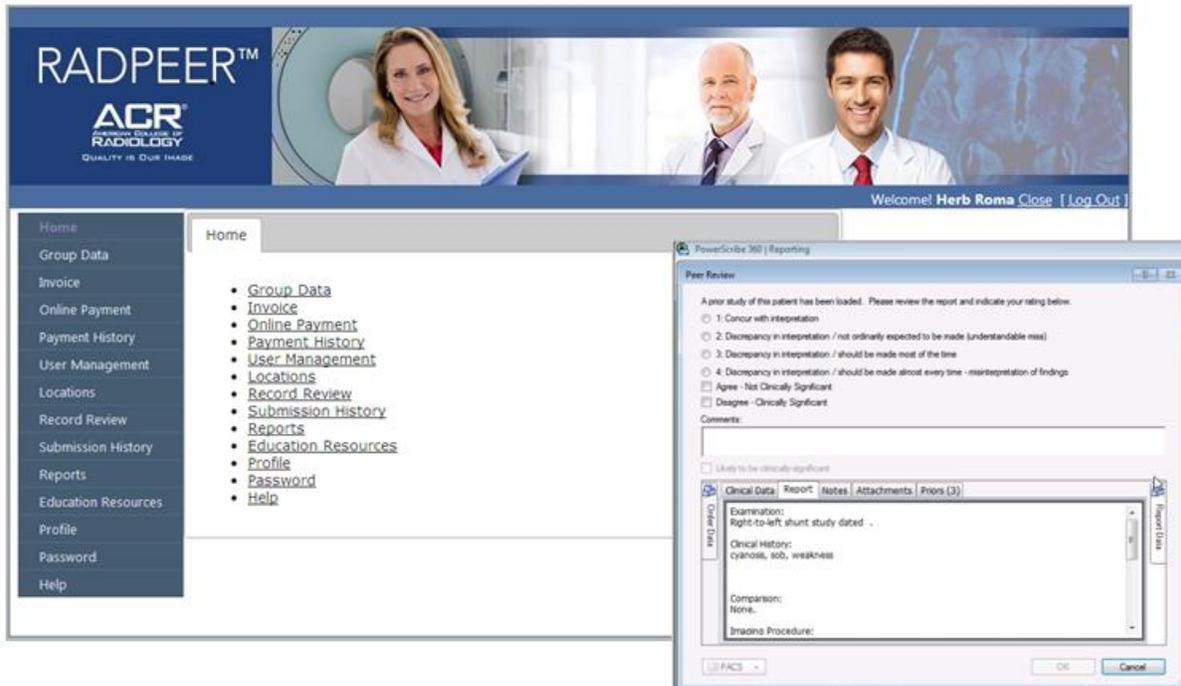


Title: Use PeerReview in PS360 v1.6

Date: 9/28/2015 1:30 PM



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1. Purpose

Prior to this effort, Radiologists at UWMC & HMC had 2 distinct ways that they went about peer reviewing each other's diagnostic reports. Radiologists at UWMC logged into the ACR website, and that's where they did their peer review. At HMC, Radiologists used Nuance PowerScribe360's built-in peer review facility. In this effort, stakeholders came together, consulted and agreed to use a single unified peer review process.

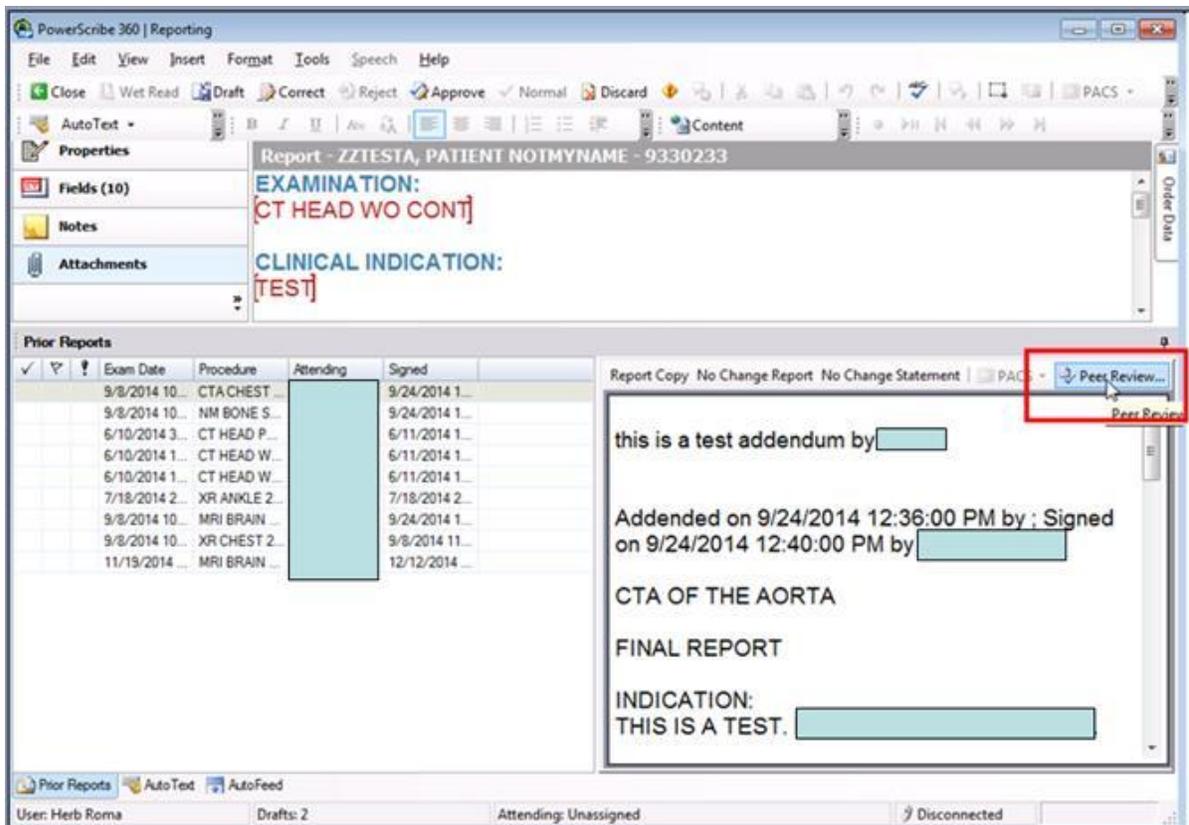
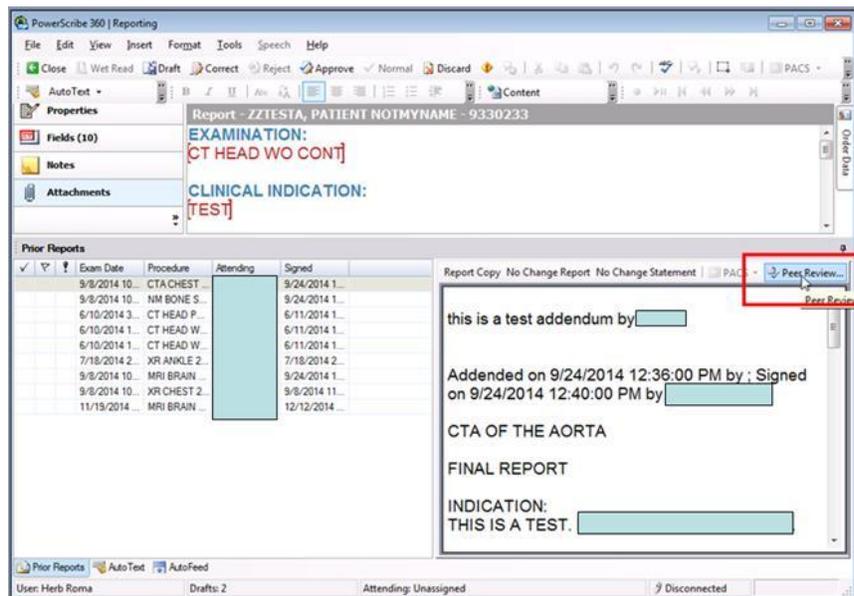
Stakeholders chose to use Nuance PowerScribe360's built-in peer review facility. Radiologists' diagnostic reports are reviewed and verified in PS360, and are then sent electronically directly to the ACR (American College of Radiology).

2. Use PeerReview in PS360

In the course of pursuing this effort, stakeholders have chosen to do Manual Peer Reviews – not Automated Peer Review. For using PeerReview in PS360, there are 2 basic use cases. They're discussed in sections 2.1 and 2.2 below. And PeerReview in PS360 has 2 principal actors: Reviewer and Verifier.

2.1 Review Diagnostic Report

On the PS360 Client, after opening an exam, on the Prior Reports tab, Radiologist has a button "Peer Review".



Clicking "Peer Review" button launches "Peer Review" dialog. Radiologist chooses a score from 1 to 4. Score of 1 is best while score of 4 is worst. Clicking OK files the review for verification.

Peer Review

A prior study of this patient has been loaded. Please review the report and indicate your rating below.

1: Concur with interpretation

2: Discrepancy in interpretation / not ordinarily expected to be made (understandable miss)

3: Discrepancy in interpretation / should be made most of the time

4: Discrepancy in interpretation / should be made almost every time - misinterpretation of findings

Comments:

Likely to be clinically significant

Report Notes Attachments Priors (3)

Order Data

Report Data

Second test

PACS

OK Cancel

2.2 Verify the Review

One or more clinicians have to assume the role of verifying the peer reviews that have been previously filed. As of this writing, Dr. James Fink and Dr. Bruce Lehnert are designated Verifiers.

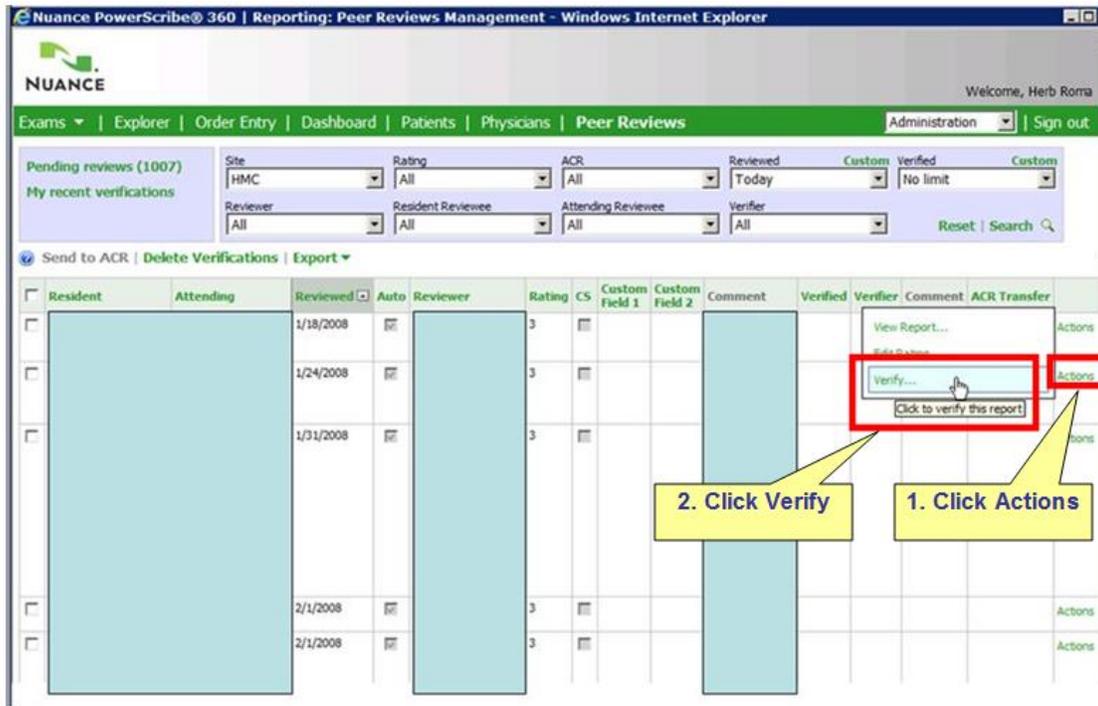
Clinician logs into the PS360 Admin Portal and verifies the Peer Reviews.

In PS360 Admin Portal, on the main menu: Setup > Exams > Peer Reviews, Verifier is presented with a list of peer reviews that need to be verified.

The screenshot shows the Nuance PowerScribe 360 interface for Peer Reviews Management. The 'Peer Reviews' menu item is highlighted in red. The interface includes a navigation bar with 'Exams', 'Explorer', 'Order Entry', 'Dashboard', 'Patients', 'Physicians', 'Peer Reviews', 'Administration', and 'Sign out'. Below the navigation bar, there are filters for 'Pending reviews (1007)' and 'My recent verifications'. The main table displays a list of reviews with columns: Resident, Attending, Reviewed, Auto, Reviewer, Rating, CS, Custom Field 1, Custom Field 2, Comment, Verified, Verifier, Comment, and ACR Transfer. A context menu is open over the first row, showing options: View Report..., Edit Rating..., Verify..., and Click to verify this report.

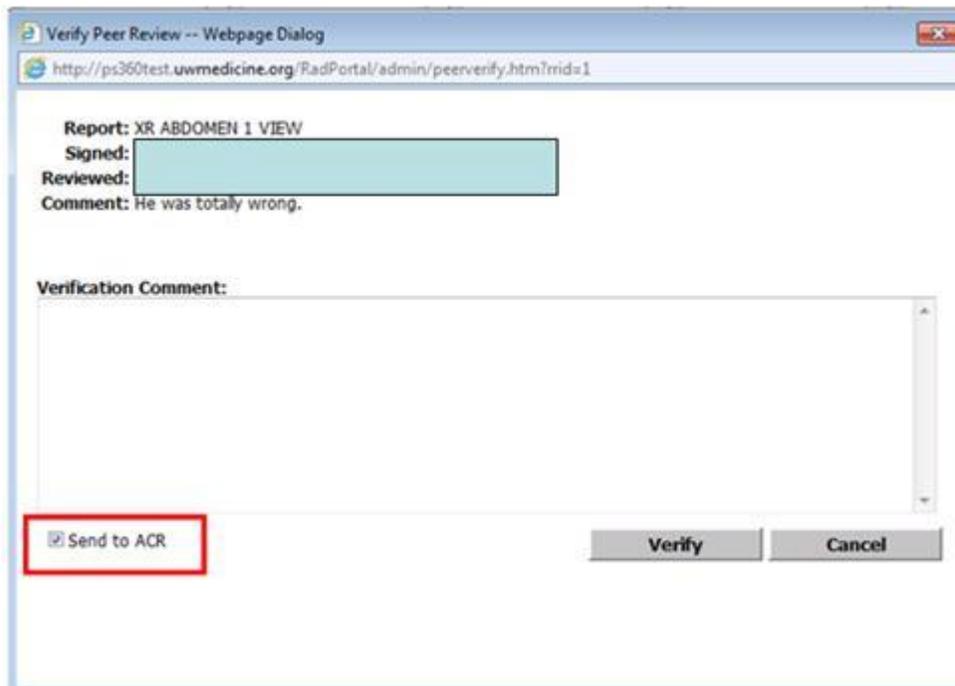
Resident	Attending	Reviewed	Auto	Reviewer	Rating	CS	Custom Field 1	Custom Field 2	Comment	Verified	Verifier	Comment	ACR Transfer
		1/18/2008	<input type="checkbox"/>		3	<input type="checkbox"/>							Actions
		1/24/2008	<input type="checkbox"/>		3	<input type="checkbox"/>							Actions
		1/31/2008	<input type="checkbox"/>		3	<input type="checkbox"/>							Actions
		2/1/2008	<input type="checkbox"/>		3	<input type="checkbox"/>							Actions
		2/1/2008	<input type="checkbox"/>		3	<input type="checkbox"/>							Actions

For each review, Verifier clicks **Actions** then **Verify**.



Verifier is then presented with the “Verify Peer Review” dialog. To send the verified peer review to the ACR, check the “Send to ACR” checkbox.

Verifier clicks on Verify button to finish verifying the review and send the review to ACR.



2.3 Reviewer's Workflow

This section aims to explain how Reviewers interact with PeerReview in the PS360 Workflow in the real world.

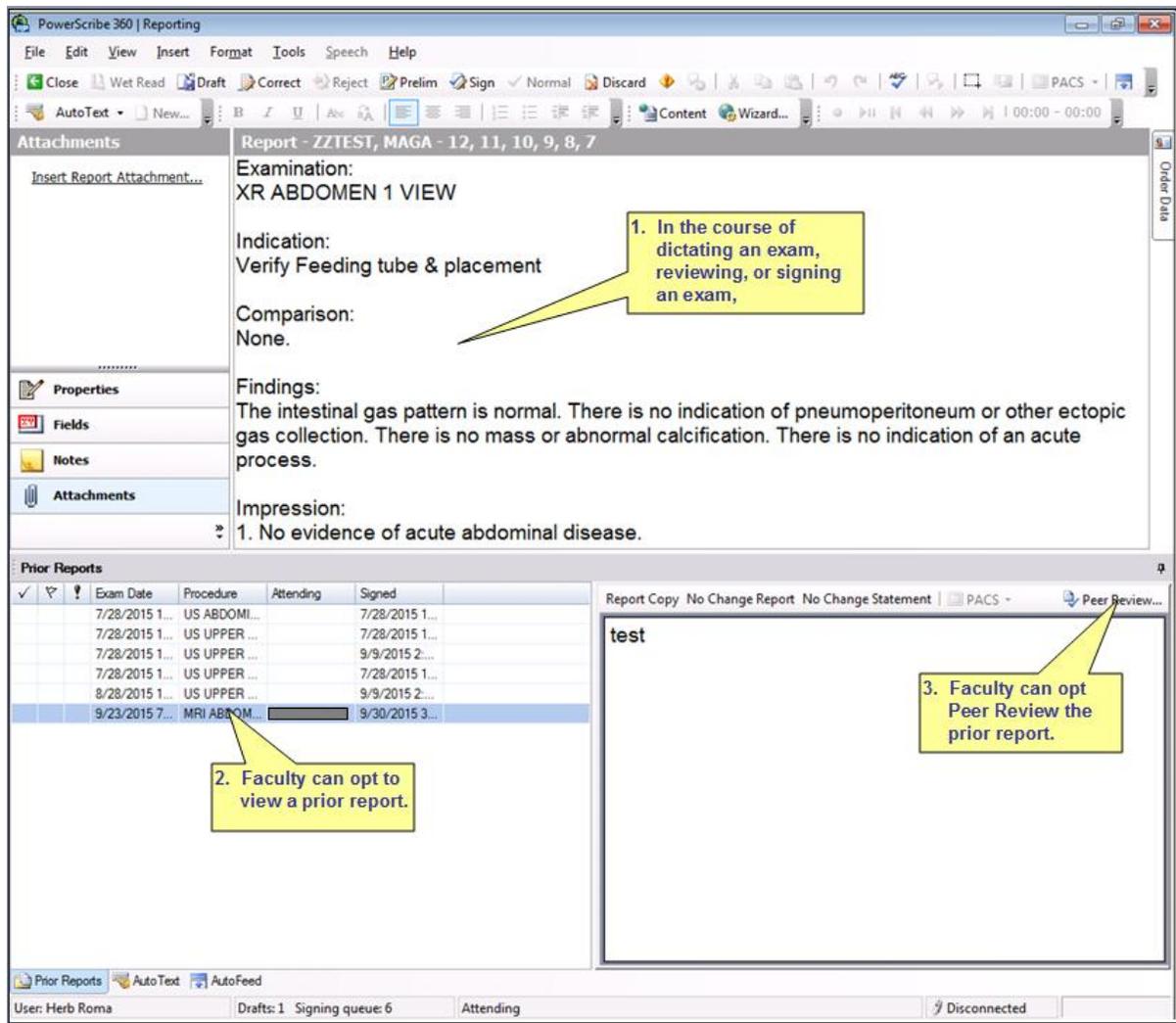
Each Faculty (ARNP/PA/Radiologist) is mandated to do 5 peer reviews per day. Suggested process is to peer review first 5 cases of the day that have prior reports.

Other ways that Faculty might do peer review:

- Faculty reading alone may choose a prior study to peer review.
- Faculty reading with resident under their own PS360 login may choose a prior study to peer review.
- Faculty signing in RIS may choose a prior study to peer review.

In a nutshell, the Reviewer's Workflow can be summarized as follows.

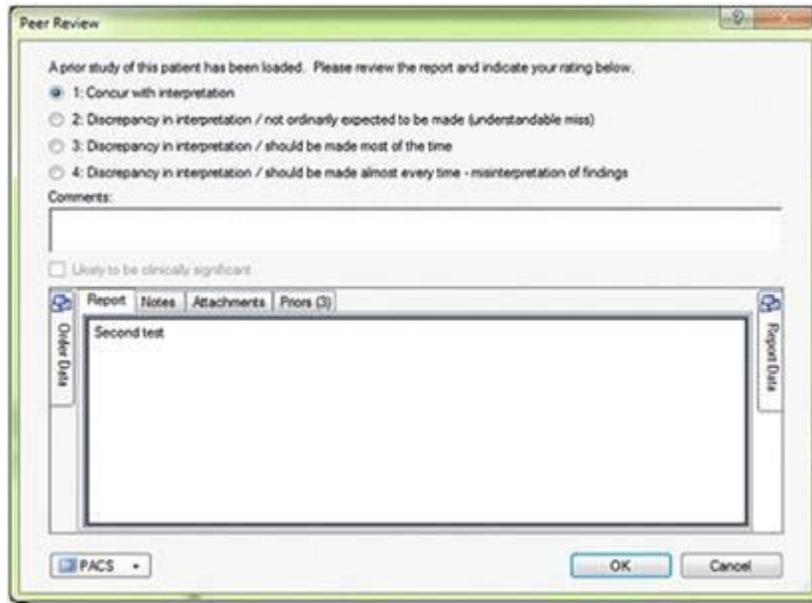
1. In the course of dictating an exam, reviewing, or signing an exam,
2. Faculty can opt to view a prior report.
3. Faculty can opt Peer Review the prior report.



2.4 Verifier's Workflow

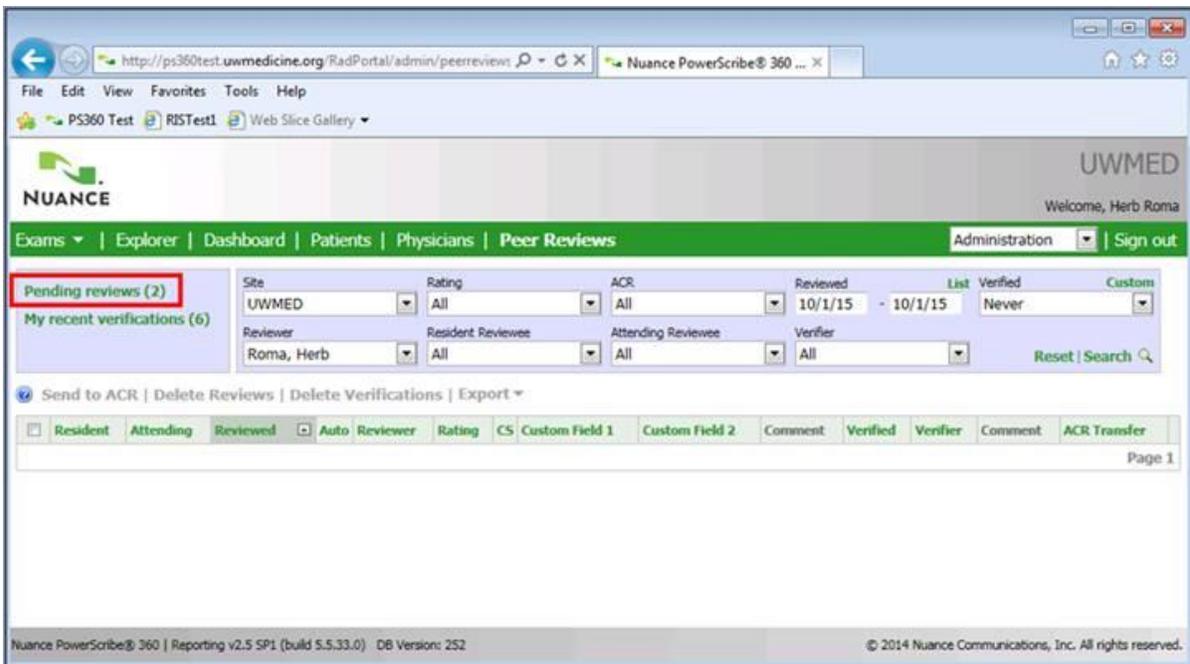
This section aims to explain how Verifiers interact with PeerReview in the PS360 Workflow in the real world.

After a Reviewer scores a prior exam on the Peer Review dialog and clicks OK, the review is not automatically sent to ACR.



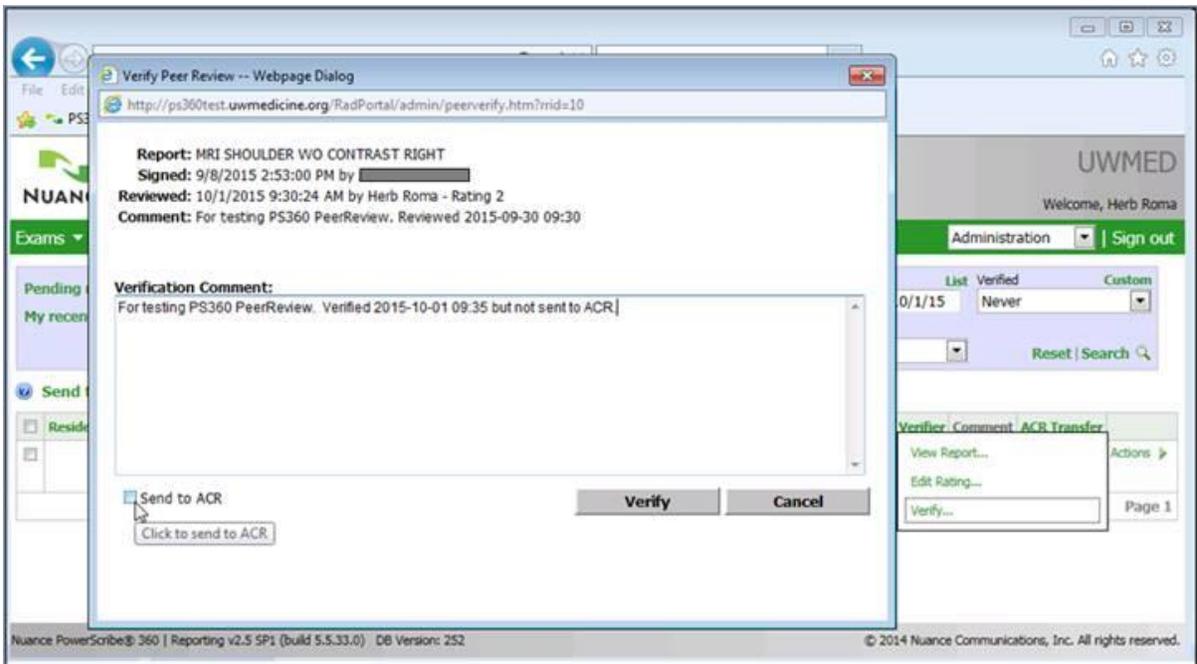
Sending records to ACR is under the full control and discretion of Verifiers. Radiologists use the PS360 Client to dictate diagnostic reports. However, there’s also the PS360 Admin Portal. To verify exams and/or manage sending verified reviews to ACR, Verifiers login to PS360 Admin Portal.

Then on the main menu, Exams > Peer Reviews, Verifier can see a list of peer reviews that need to be verified. We can think of this as the Verifier’s worklist.

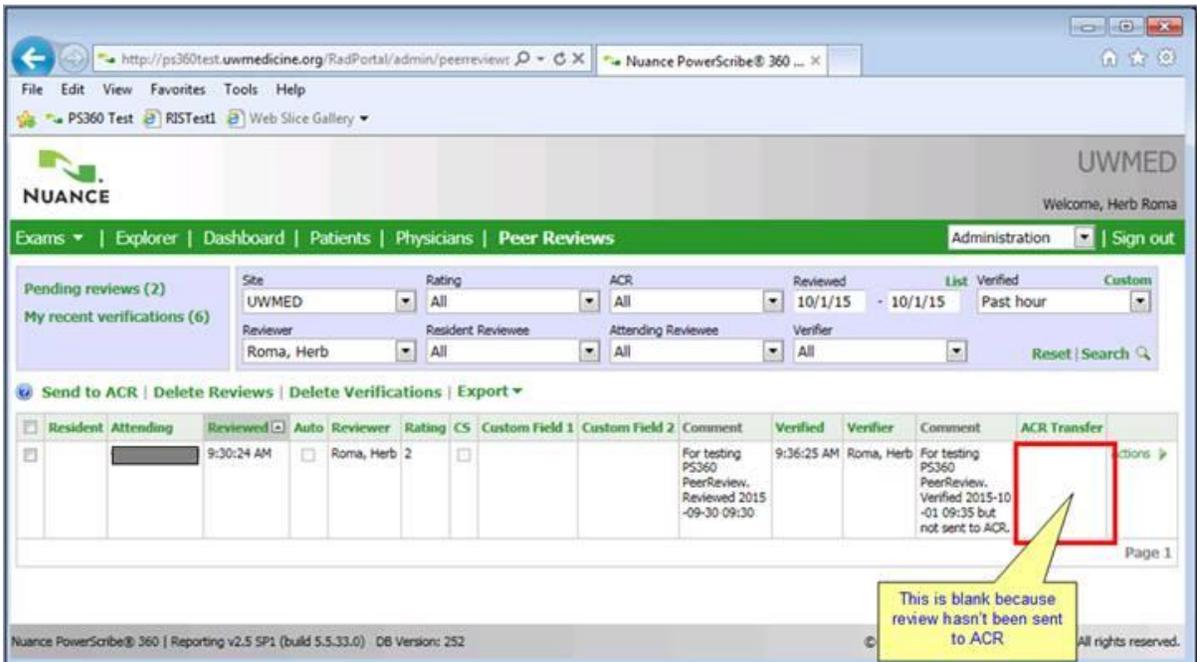


For each review, Verifier clicks Actions > Verify, Verifier is then presented with the Verify Peer Review dialog.

If Verifier leaves “Send to ACR” unchecked, the verified review is not sent to ACR.



Verified review will appear in the Pending Reviews list. However, its “ACR Transfer” column will be blank since the verified review hasn’t been sent to ACR.



After consensus case review, Verifier can select reviews en masse via their checkboxes on the left. Verifier clicks “Send to ACR” to electronically send the reviews to ACR.

http://ps360test.uwmedicine.org/RadPortal/admin/peerreview/ Nuance PowerScribe® 360 ...

File Edit View Favorites Tools Help

PS360 Test RISTest1 Web Slice Gallery

NUANCE UWMED Welcome, Herb Roma

Exams | Explorer | Dashboard | Patients | Physicians | Peer Reviews Administration | Sign out

Pending reviews (2) My recent verifications

Site: UWMED Rating: All ACR: All Reviewed: 10/1/15 - 10/1/15 List: Past hour Verified: Custom

Resident Reviewee: All Attending Reviewee: All Verifier: All

Reset | Search

Send to ACR | Delete Reviews | Delete Verifications | Export

Resident	Attending	Reviewed	Auto	Reviewer	Rating	CS	Custom Field 1	Custom Field 2	Comment	Verified	Verifier	Comment	ACR Transfer
<input type="checkbox"/>		9:30:24 AM	<input type="checkbox"/>	Roma, Herb	2				For testing PS360 PeerReview. Reviewed 2015-09-30 09:30	9:36:25 AM	Roma, Herb	For testing PS360 PeerReview. Verified 2015-10-01 09:35 but not sent to ACR.	Actions

Page 1

Nuance PowerScribe® 360 | Reporting v2.5 SP1 (build 5.5.33.0) DB Version: 252 © 2014 Nuance Communications, Inc. All rights reserved.

After sent to ACR, review's "ACR Transfer" will be populated with the date that the review was sent.

NUANCE UWMED Welcome, Herb Roma

Exams | Explorer | Dashboard | Patients | Physicians | Peer Reviews Administration | Sign out

Pending reviews (2) My recent verifications (6)

Site: UWMED Rating: All ACR: All Reviewed: 9/1/15 - 9/30/15 List: Past month Verified: Custom

Reviewer: Roma, Herb Resident Reviewee: All Attending Reviewee: All Verifier: All

Reset | Search

Send to ACR | Delete Reviews | Delete Verifications | Export

Resident	Attending	Reviewed	Auto	Reviewer	Rating	CS	Custom Field 1	Custom Field 2	Comment	Verified	Verifier	Comment	ACR Transfer
<input type="checkbox"/>		9/25/2015	<input type="checkbox"/>	Roma, Herb	1				For testing PS360 PeerReview.	9/25/2015	Roma, Herb	For testing PS360 PeerReview. Verified 2015-09-25 13:07	9/25/2015
<input type="checkbox"/>		9/25/2015	<input type="checkbox"/>	Roma, Herb	2				For testing PS360 PeerReview. 2015-09-25.	9/25/2015	Roma, Herb	For testing PS360 PeerReview.	9/25/2015
<input type="checkbox"/>		9/25/2015	<input type="checkbox"/>	Roma, Herb	1				For testing PS360	9/25/2015	Roma, Herb	For testing PS360 PeerReview.	9/25/2015

Actions

This is populated after review has been sent to ACR.

Regarding reviewing previously uploaded ACR data,

PS360 Admin Portal maintains records of what was reviewed. So they will be available to Verifiers.

And even if review has already been sent to ACR, Verifier can change the rating, update the verification and resend the review to ACR.

Verify Peer Review -- Webpage Dialog
 http://ps360test.uwmedicine.org/RadPortal/admin/peerverify.htm?rid=4

Report: XR C SPINE MIN 6 VIEWS
Signed: 6/19/2015 1:24:00 PM by [redacted]
Reviewed: 9/25/2015 12:29:54 PM by Herb Roma - Rating 1
Comment: For testing PS360 PeerReview.

Verification Comment:
 For testing PS360 PeerReview.
 Previously verified 2015-09-25 13:07.
 Updating verification comment and testing resending to ACR.

Send to ACR

Save **Cancel**

1. Review has already been sent to ACR.

2. But Verifier can change rating
3. Verifier can also update the verification.

4. Verifier can resend the review to ACR if "Send to ACR" is checked.