

How to Generate a Reject Analysis Report

Opal UAI has the capability of generating an *Activity Log* also know as a *Reject Analysis Report* which measures the rejections, repeat rate and the quality of the exposures. This is an important function in a quality control program in radiology. Reject Analysis can be used as a quality indicator to develop training programs that will assist in reducing patient exposure.

Steps:

- 1. Once the acquisition interface is activated select Options. See Figure 1
- 2. Select the Program Settings Device Configurations tab. See Figure 2
- 3. Right Click on the Activity Log Button. See Figure 2
- 4. The Activity Screen can be customized See Figure 3
 - a. Enter Filter by Date Range
 - b. Select Users to include
 - (If selecting specific users, once selected, click on the User column header to pull in the data) Figure 5
 - c. Select Event Filter
 - (If changing filters, once selected, click on the Event column header to pull in the data) Figure 5
- 5. Right Click the *Create/Print* button once filters are selected. See Figure 3
- 6. A preview of the Accept/Reject Analysis Report will be generated to print. See Figure 4
- 7. An option is available to Export CSV to an Excel spreadsheet.

Optional

Custom Rejection Reasons

The Tools & Annotation tab has the option to add/remove custom rejection reasons. It is highly recommended to create a new custom reject reason call "No Radiation Emitted".

- 1. To enter a new entry
 - a. Right Click ADD
 - b. Enter Text when New Customer Reason populates

- 2. To Remove Entry
 - a. Highlight Rejection Reason
 - b. Right click REMOVE





Retrofit Scanner

Interface



Retrofit Scanner Interface with *Generator I<u>ntegration</u>*

Figure 1

Configuration		X
Subject Tree Device Configurations Program Settings Tool	s & Annotations Post-Processing	Version 2.3.5.7
Display Tool Quality: 45% Smaller values improve smoothness of Pan. Zoom, and I/VI. adjustments. but at the expense of worse image quality until the mouse button is released. Show histogram overlay for Auto W/L tool I Enable quick-preview and translucent shutter Exposure Index Style Gauge Gauge Bar Require password for options	System Image Archive Max Capacity 2 GB Current Usage I GB Image Compression Image Submission None Image Submission Submit Upon Exit Image Submission Submit Upon Exit JPEG2000 (Lossless) JPEG2000 (Lossy) Image Submit in Background Image Submit Upon Exit Submit Upon Exit Submit Upon Exit Submit in Background Image Submit in Background	
Defaults	Administrative OK Cancel	Apply

Figure 2



🖳 Activity								
Date Range Filter O6/01/2012 Image: Filter Image: Filter Image: Filter Image: Filter		Event Filte	Event Filter			Create /	Print Re ort CSV	port
Columns					Items Per Page	1/0 >		
User Na Event	When	Body Part	Patient ID	Patient Name	Archive File	Reason	Original Pat	Or 🔺
Rachael REJECT Rachael RECOV Rachael ACCEPT Rachael ACCEPT Rachael ACCEPT Rachael ACCEPT Rachael ACCEPT	6/11/2012 4:26:48PM 6/12/2012 3:49:21PM 6/11/2012 4:26:02PM 6/11/2012 4:26:02PM 6/11/2012 4:26:04PM 6/11/2012 4:25:44PM 6/12/2012 3:57:13PM 6/12/2012 3:57:13PM 6/12/2012 3:50:53PM 6/12/2012 3:50:53PM 6/12/2012 3:50:53PM	Wrist LAT Hand PA Hand PA Hand PA Hand PA Hand PA Skull PA Hand PA Hand PA Hand PA Hand PA	CR-Test3 NMTest001 CR-Test3 VETCR10 CR-Test3 NMTest001 NMTest001 NMTest001 NMTest001 NMTest001 VETCR10	Magdaline Many Test Nuclear M WET10"TEST Magdaline Many Test Nuclear M Test Nuclear M Test Nuclear M Test Nuclear M Test Nuclear M Test Nuclear M	 2012-06-11 15:22:36.uai 2012-06-11 15:22:36.uai 2012-06-11 15:22:36.uai 2012-06-11 15:22:36.uai 2011-02-15 09:52:236.uai 2012-06-11 15:22:36.uai 2012-06-11 15:22:36.uai 2012-06-11 15:20:02.uai 	Phantom/Test Phantom/Test	Test Test Test Test	Te Te te: ≡ Te Te
Rachael ACLEPI Rachael RECOV Rachael RECOV Rachael RECOV Rachael RECOV Rachael RECOV Rachael ACCEPT Rachael ACCEPT Rachael RECOV Rachael RELECT	6/11/2012 4:14:03PM 6/11/2012 4:02:02PM 6/11/2012 4:02:02PM 6/11/2012 4:00:16PM 6/11/2012 1:32:11PM 6/11/2012 1:32:1223PM 6/11/2012 4:14:03PM 6/11/2012 4:14:03PM 6/11/2012 4:03:3PM	Hand PA Hand PA Hand PA Hand PA Hand PA Hand PA Hand PA Hand PA Sinuses CALDW	VETCR10 VETCR10 VETCR10 VETCR10 CT-Test2 CT-Test2 VETCR10 VETCR10 VETCR10 VETCR10	VET10/TEST*** VET10/TEST*** VET10/TEST*** Pintstone/Fred/R^ Pintstone/Fred/R^ VET10/TEST*** VET10/TEST*** VET10/TEST*** VET10/TEST***	2012-06-11 15:28.08.uai 2012-06-11 15:28.08.uai 2012-06-11 15:28.08.uai 2012-06-11 15:20.30.02.uai 2011-09-16 16:16:57.uai 2011-05-24 18:34.28.uai 2012-06-11 15:30.02.uai 2012-06-11 15:22.36.uai 2012-06-11 15:30.02.uai	Phantom/Test	Test Test test test Test	Te Te Te te: Te
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Figure 3





Note: The reject % can be skewed by reason such as "Test", "Phantom" and/or "Viztek". It is recommended to create a custom rejection reason titled "No Radiation emitted.



🖳 Activity			
Date Range Filter User Filter Identified Ide	Event Filter Show ACQUIRE Show EXPOSE Show RECOVER Show ACCEPT Show REJECT		Create / Print Report Export CSV
Columns		Items Per Page	1/0 >
User Na Event When Body F Rachael REJECT 6/11/2012 4:03:33PM Sinuse Rachael REJECT 6/11/2012 4:26:48PM Wirst L Rachael REJECT 6/12/2012 3:52:13PM Skull F Rachael REJECT 6/14/2012 4:21:36PM Tib/Fib Rachael REJECT 6/19/2012 3:42:51PM Should	Patient ID Patient Name s CALDW VETCR10 VET10^TEST^^^ AT CR-Test3 Magdaline^Mary^^^ AA NMTest001 Test^Nuclear'M^^ AP CR-Test1 Doe^Jane^1L^^ Ier AP 12345CRII VET^OPAL-CRII^^	Archive File 2012-06-11 2012-06-11 15:32.36 uai 2012-06-11 15:30.02 uai 2012-06-11 2012-06-11 15:30.02 uai 2010-11-09 2010-11-09 13:53.27.uai	Reason Original Pat Origin Phantom/Test Phantom/Test Positioning Artifact
•	m		•

Figure 5



Figure 6

