

The Quality Control module allows you to record and track exam repeats by radiology technologist, procedure, product and machine.

In addition, you may use this module to track and report radiation dosage by patient.



QC TRANSACTION ADD

Visit ID: 00273889 Patient: LEIGH K TATUM
Tech Code #1: 22122 KATHERYN T ROBERTS
Tech Code #2: []
Machine Code: []
Procedure Code: 4737001 MRI BRAIN
Part Size: [] (S/M/L) Dosage: []

Part Code	#Used	#Repeats	Repeat Reason
1) L1417 14 X 17 LASER FILM	04	0	[]
2) []	[]	[]	[]
3) []	[]	[]	[]
4) []	[]	[]	[]
5) []	[]	[]	[]
6) []	[]	[]	[]

Once a procedure has been performed, the technologist completes the QC transaction for the exam.

For each patient visit, the QC Transaction screen allows you to monitor the procedures that were performed, the technologists who performed the exam, and the machine that was used.

This screen is also used to enter the radiation dosage involved in the procedure. This allows **EXAM-RIS** to track and report on the amount of radiation that the patient received during a designated period of time.

The QC Transaction screen also allows you to enter the consumable parts that were used in the procedure and the quantity of each that was used. Because the Quality Control module integrates with the Inventory module, the quantity of each part maintained in your inventory is automatically updated.

Frequently, an exposure must be retaken during an exam, necessitating the use of additional quantities of the product. Most departments require that the reason for repeating the exposure be documented.

EXAM-RIS validates the reasons that are entered on the QC Transaction screen against user-defined reasons maintained in the Repeat Reason Master. **EXAM-RIS** stores reasons using both a code and a description. In addition, **EXAM-RIS** classifies reasons for repeating a procedure according to the following reason types: Machine problem, Technologist error, or Other problem.

REPEAT REASON MASTER MAINTENANCE

Code: BM
Description: BLACK FILM
Type: M

Quality Control

Reports

EXAM-RIS provides a wide variety of reports that help you monitor the quality control in your department. For example, you can review the reasons that a repeat was performed using a specific machine:

SWEARINGEN SOFTWARE VERSION 52			
REPEATS BY MACHINE/REASON			Date: 6/16/2008
FROM 06/16/07 THRU 06/16/08			Time: 7:23:39 PM
			Page: 1
MACHINE NAME	REASON	#REPEATS	%
ACUSON XP128	NO REPEATS	0	0.00
	MACHINE USAGE = 3	0.0	0.00
AMX4 PORTABLE	NO REPEATS	0	0.00
	MACHINE USAGE = 2	0.0	0.00
AUCSON XP128	<<< BM >>>	2.0	100.00
	MACHINE USAGE = 7	2.0	28.57

You can review the productivity of your department on a technologist by technologist basis.

SWEARINGEN SOFTWARE VERSION 52													
PROCEDURES COUNT BY TECH													Date: 6/16/2008
FROM 06/16/06 THRU 05/16/07													Time: 7:59:43 PM
													Page: 11
TEMPLETON, BOB													
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
<<<<<<<< 2 >>>>>>>>	0	0	0	0	1	0	0	0	0	0	0	0	1
ABDOMEN 1V SCOUT (BE-GHVP)	0	0	0	0	0	0	0	2	0	0	0	0	2
ABDOMEN 2 VIEWS	0	0	0	0	0	0	0	1	0	1	1	0	3
ANKLE 2V LT	0	0	0	0	0	0	0	0	0	0	1	0	1
ANKLE AP LAT RT	0	0	0	0	0	0	0	1	0	0	0	0	1

You can also monitor the visits for a selected technologist, for a specific machine, or for a selected age and sex.

SWEARINGEN SOFTWARE VERSION 52											
VISIT FOR MICHELLE WEYER											Date: 6/16/2008
FROM 06/16/05 THRU 06/16/08											Time: 7:45:27 PM
											Page: 4
PATIENT NAME	PATIENT #	DATE	ST	ALTID #1	BIRTHDAY	SEX	PHY #1	VT	Misc #1	III	DIFF
		SEQ #		ALTID #2	AGE		PHY #2			OUT	
JOHNSON, GRANT W CHEST 2 VIEWS - OP	333333	01/26/06 00273265	C		07/19/91 14 Yrs	M	8989	BD		13:57	0
AARON, PATRICIA W CHEST 2 VIEWS	222214	10/05/07 00273816	C	234555 999887	01/01/22 85 Yrs	F	8989	OP		17:00	1
MACKENZIE, SARAH P CHEST 3 VIEWS	999000	04/30/08 00273883	C		12/04/75 32 Yrs	F	N115	IP		14:33	30

This is just a small sample of the many Quality Control reports that are available.

For more information, contact CoActiv Medical at 1-877-COACTIV (262-2848) or visit our website: WWW.COACTIV.COM