



# *AAPM Dose Check Education Slides*

Toshiba

Last updated: 05/29/15



## *Disclaimer*

---

The individuals involved in the production of this document along with the AAPM, ACR, ASRT, MITA, the FDA and the Image Gently Alliance and the Image Wisely Alliance do not endorse any of the specific products mentioned in these slides. Any screenshots of particular products are included for instructional purposes only.



## *Disclaimer*

---

- Screen captures are **examples** of a common (or latest) software version only and all software versions are not represented
- The information contained herein is current as of the date shown on the title slide
- Modification of the content of these slides **is not allowed.**



## *User Access Controls*

---

- Access Control for Dose Notifications
- There is no global setting for dose notification since it is protocol specific. The setting can be configured for each individual protocol.
- Access Control for Dose Alerts
- There is no protocol specific setting for dose alerts. The setting is within engineering menu which cannot be accessed by general users. It is set to 1000mGy by default.



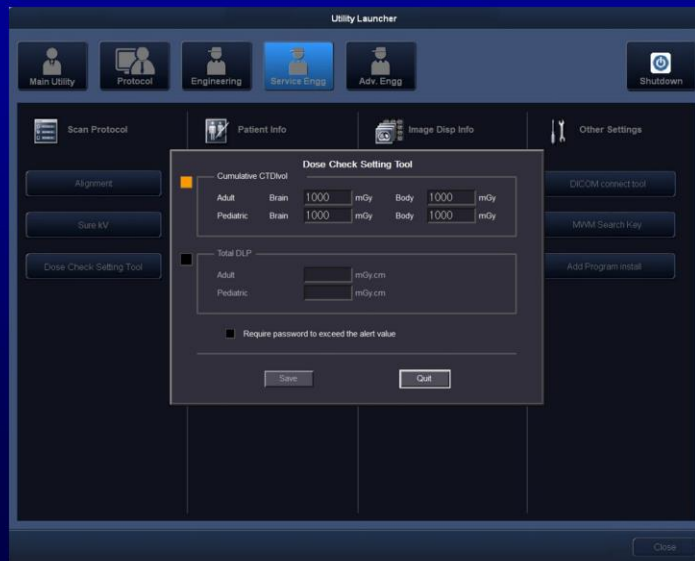
## Configuring Dose Notifications

	Planned Dose	Notification Value
Scan Total	CTDI vol *** mGy	30.0 mGy
	DLP *** mGy.cm	mGy.cm
Protocol Total	Cumulative CTDI vol	mGy
	DLP	mGy.cm

Example of a Dose Notification value (red circle).



## Configuring Dose Alerts




Default Dose Alert CTDIvol values are 1000mGy for Adult and Pediatric head and body.



## Acknowledging Notifications

**DOSE NOTIFICATION**

 Dose in following elements of this exam plan will exceed the set Dose Notification Level.

No.	Element	CTDIvol		DLP	
		Predicted	Notification Level	Predicted	Notification Level
1	Helical	33.7 mGy	30.0 mGy	1338.7 mGy.cm	

Diagnostic Reason:

When the CTDIvol or DLP exceeds the Notification Value a pop up will appear. The protocol may then either be edited or the user can proceed by specifying a diagnostic reason.



## Acknowledging Dose Alerts

Dose Alert

A dose alert value will be exceeded .

Proceeding with this exam will exceed the dose alert level that has been set.

	Predicted Dose	Alert Level
Cumulative CTDIvol	1065.3 mGy	1000.0 mGy

User Name:

Diagnostic Reason:

Dose Alert

A dose alert value will be exceeded .

Proceeding with this exam will exceed the dose alert level that has been set.

	Predicted Dose	Alert Level
Cumulative CTDIvol	1240.2 mGy	1000.0 mGy

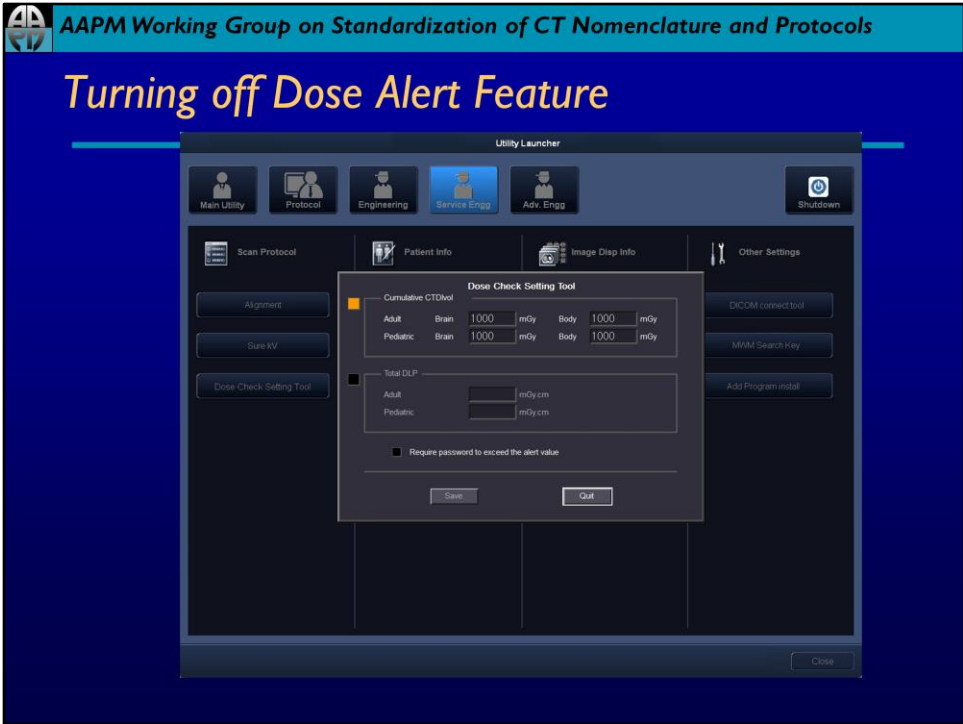
User Name:

Password:

Diagnostic Reason:

- Systems can be configured with username only or with both username and password required.

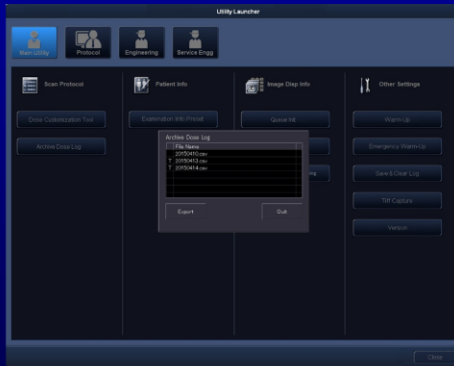




To turn off the Dose Alert Feature for CTDI or DLP, unselect the appropriate option.



## Location of alert/notification log



title	date/time	exam plan number	study ID	accepted CTDIvol	notification alert value	accepted CTDIvol	notification alert value	user name	diagnostic reason
Alert valu	4/14/2015 11:03	126	1583	1048.1	1000	16770.1		JJS	Large Patient

The logs are located under the Main Utility menu. To access the logs click on Archive Dose Log and select the desired log for export.