

AAPM Working Group on Standardization of CT Nomenclature and Protocols

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Disclaimer

- Screen captures are examples of a common (or latest) software version only and all software versions are not represented
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- Modification of the content of these slides is not allowed.



	rking Grou	p on Standardization	of CT Nomen	clature and Pr	rotocols
Config	guring	Dose Notific	ations		
					-
	Protocol	Scan Details Recon. Details	Dose		
	DOSE			Reference Info.	
	Scan Total		30.0 mGy Metho	Calculation 32cm diameter	
		Cumulative CTDI vol	mGy mGy.cm		
		BreathContro	I		
	The Medical staff is patient radiation e	s responsible for xposure and safety.	OLP_sim.	Cancel	

Example of a Dose Notification value (red circle).

AAPM Working Group on Standardization of CT Nomenclature and Protocols						
Configuring	Dose Alerts					
	Utility Launcher					
Main Utility Protocol	Engineering Service Engs	Shuttown				
Scan Protocol	Patient Info Patient Info Dose Check Setting Tool	Cther Settings				
Algement Gure KV	Camulative CTBiolo Aduit Brain 1000 mGy Body 1000 mGy Peduline Brain 1000 mGy Body 1000 mGy Total DLP Total DLP	DidOM connectad/				
	Adut möy cm Predutinc möy cm Require password to exceed the alert value					
	Stere					
		Cise				

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

Statistics				clature and Proto
owledging	Notiți	cation	S	
DOSE NOTIFICATION				
A Dara in fallouir	ng elements of this ex	am alan will avoood	I the net Dene Netifi	ention Louis
Dose in followin	ig elements of this ex	am pian will exceed	The set Dose Noun	cation Level.
1 Helical	Predicted 33.7 mGy	Notification Level 30.0 mGy	Predicted 1338.7 mGy.cm	Notification Level
	Diagnostic Reason	Patient is large		
		Patient is large Exceptional image	x	
		- [• [
			Edit (Re	eturn) OK

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.

Alert	Dose Alert
A dose alert value will be exceeded .	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 Peterst is large	Proceeding with this exam will exceed the does alert lavel that has been set. Predicted Dose Alert Lavel Cumulative C TDivol 1248 2 mGy 1000 0 mGy User fame Panaved Diagnostic Reason Patient is large
Edil (Return) OK	Edit (Return) OK

AAPM Work	ing Group on S	tandardizatior	of CT Nomencla	ture and Protocols
Turning	g off Dos	e Alert F	eature	
			Utility Launcher	
	Main Utility Protocol	Engineering Service Engg	Adv. Engg	Shutdown
	Scan Protocol	Patient info	Image Disp Info	Other Settings
	Algement Sure KV Doge Check Selling Tool	Curnulative CTDwol Adu Brain Curnulative CTDwol Adu Brain Total Des Curnulative CTDwol Podulin: Total Des Curnulative CTDwol Podulin: Total Curnulative CTDwol Require password to en Same	mdy Body 1000 mdy	DROM connection MMM Search Key Add Program install
				Close

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

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Loca	tion of	f alert/	notific	ation l	og		
Natroday	Englanaring	Shy Likindow					
Kan Postod Coal Calmington Far Active Data Lig	Patient sub Constant of the Proof Reference on the Patient sub- Patient sub- Pati	bage City and	Other Settinge WarmUp Designed WarmUp Designed WarmUp Send Char Exp Titl Calues Version				
title date/ti	me exam plan	number study ID accep	oted CTDIvol notifica	ticalert value CTDIvol	accepted notifica	tic alert value user na	imi diagnostic reason
Alert valu 4/14/20		126 1583	1048.1	ticalert value CIDivola 1000	16770.1	tic alert value user na	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.