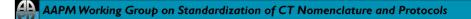


AAPM Working Group on Standardization of CT Nomenclature and Protocols

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.

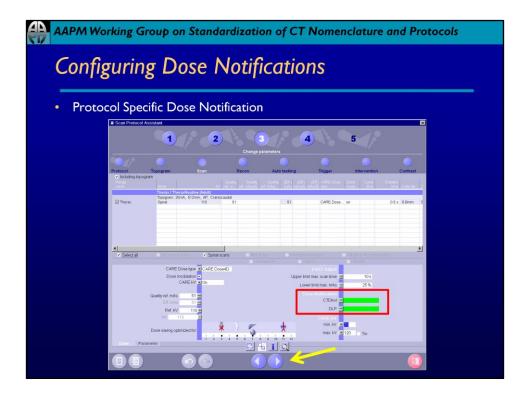


Disclaimer

- 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.

Acce	ess Co	ntrol f	or Do	se No	tificatior	ns 🔹	Access	Cont	rol fo	r Dose	Alert
# Somaris	s/7 - Configur	ation Panel			>	× Soma	ris/7 - Configura	ation Panel			
	Ĵ		• •	X	M		Ĵ	1	• ••	X	M
Patient Browser	Patient	Patient Search	Transfer	Auto Delete	Expert-i	Patien		Patient Search	Transfer	Auto Delete	Expert-i
R	im	CTLOG		a	92			CT-Log		a	S.
ImageText Editor	Scan Protoco Assistant	E-Logbook Configuration	Examination	Bolus Tracking	HeartView	ImageTe	ext Scan Protocol Assistant	E-Logbook Configuration	Examination	Bolus	HeartView
Callor				H	1	Câto	Assistant				1
3D	Viewing	Filming Study Layout	Filming Layout	Filming Layout Editor	DynEva CT	3D	Viewing	Filming Study Layout	Filming Layout	Filming Layout Editor	DynEva CT
1					+0	(1)					+
VPCT Body	Multi Monitor Configuration	Screen Saver		Software	Add Printer	VPCT B	ody Multi Monitor Configuration	Screen Saver	Audit Trail	Software	Add Printer
-9		9	1	Distribution				9		Distribution	
Date and Time	Regional and Language	Illumination	SR Viewer			Date an Time		Illumination Moodlight	SR Viewer		

- To Access the Configuration Panel go to Options + Configuration
- Dose Notifications (Protocol Specific) select Scan Protocol Assistant
- Dose Alerts (Global) select Examination



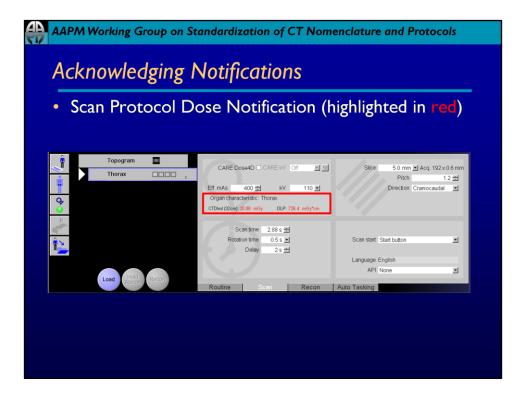
- In Scan Protocol Assistant select desired Protocol
- Advance (using arrows at bottom) to Change Parameters Tab
- Limits (max):
 - CTDIvol: 2000 mGy
 - DLP: 99999 mGy*cm

Configuring Dose Alert	ts		
 Dose Alert Threshold Configurat Dose Report and Display Options 			
mination Configuration	3		
Patient Dose Workflow			
Dose notification CARE Profile CARE Profile	Organ characteristics Brain Neck	Child Adult slim Average Average Average Average	Adult obese Average Average
Dose Report	 Shoulder Thorax Abdomen 	Average Average Average Average Average Average	Average Average Average
Activate Dose Report Auto transfer Additional transfer ACR_Dose_Regis	 ✓ Pelvis ✓ Spine ✓ Osteo 	Average Average Average Average Average Average	Average Average Average
Dose Alert Adult Child	 ✓ Head/Vascular Head ✓ Vascular Body 	Average Average Average Average	Average Average
CTDIvol 1000 mGy mGy mGy DLP mGy*cm mGy*cm	 Runoff Cardio Respiratory 	Average Average Average Average Average Average	Average Average Average

- In Examination Configuration select Dose tab to access Display Options, Dose Report and Dose Alert Settings
- Limits (max):
 - CTDIvol: 2000 mGy
 - DLP: 99999 mGy*cm
- Note: Dose Alert screenshot for an Adult Protocol

V	Working Group on Standardization of CT Nomenclature and I nowledging Notifications	Protocols
• D	ose Notification Popup	
Dose Noti	ication	×
<u>.</u>	Thorax CTDIvol (20.88 mGy) exceeds the notification value (10.00 mGy). Thorax DLP (726.4 mGy*cm) exceeds the notification value (10.0 mGy*cm).	
	Diagnostic reason	
Load		Cancel

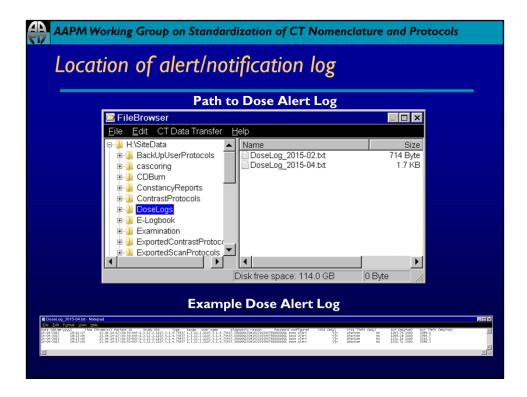
- To advance past popup
 - A Diagnostic Reason is optional
 - Alternatively, just click Load.



	Dose Alert Popup					
se Ale						
	A dose value will be exceeded!					
	The accumulated CTDIvol (16.12 mGy) will locally exceed the alert value (10 mGy for Adult). Please reconsider the current examination procedure.					
	Hint: The currently used scan protocol can not be saved!					
	User name (mandatory)					
	Diagnostic reason					
	Password					

- If a scan protocol is loaded that exceeds the recommended dose limits, the software notifies the user accordingly. To use the protocol the customer needs to confirm this with a password. The password is entered here.
- If the password field is left blank, then it will be dimmed in the dose alert window.
- Username Mandatory
- Diagnostic Reason Optional

o turnoff Dose Alerts – set values to 0							
turnoff Dose Noti	lications – d	ese	lect Dos	se No	otifica	tion in	
splay Options							
camination Configuration							
Patient Dose Workflow			Topogram		essing	Contrast	
Display Options	L'EXTRACTOR SET		and a growth			a sector beach	
		CARE	CARE Dose4D configuration: mAs adaptation to patient size				
Dose notification	CARE Profile 🗸		an characteristics	Child	Adult slim	Adult obese	
Exposed range 🛩		Bra					
		Vec			Average	Average Average	
		0.000				Average	
Dose Report				Average	Average	Average	
		 The Abr 				Average	
Dose Report Activate Dose Report ◄	Auto transfer	#300062	lomen				
		🖬 Abo			Average	Average	
Activate Dose Report 💌		✓ Abo✓ Pel					
Activate Dose Report 💌		AbdPełSpiOst					
Activate Dose Report Additional transfer AC	CR_Dose_Regis 💌	 Abo Pel Spi Ost Hea 					
Activate Dose Report 🛩 Additional transfer AC Dose Alert Adult Chi	CR_Dose_Regis 💌	 Abo Pel Spi Ost Hes Vas Rur 	lomen vis ne eo id/Vascular Head icular Body ioff				
Activate Dose Report Additional transfer AC	CR_Dose_Regis 💌	 Abc Pel Spi Ost Hea Vas 	lomen vis ne eo id/Vascular Head icular Body ioff				



- Access DoseAlert Log Go to **Options** → **FileBrowser** → **H:\SiteData\DoseLogs**
- Log is a .txt file