

Sept 12th - Cardiac CT Study Day Agenda

Time	Topic	Faculty	Duration
8.30 - 8.50	Registration		
8.50 - 9.00	Welcome	Russell Bull	10 mins
	<i>House Keeping, Agenda, Introduce Faculty</i>		
9.00 - 9.15	Patient Selection	Tim Fairbairn	15 mins
	<i>Use of CT For Coronary Artery Disease - Background NICE etc</i>		
	<i>Which Patients are suitable</i>		
9.15 - 9.35	Patient Prep	Colin Monaghan	20 mins
	<i>Patient IV prep</i>		
	<i>Positioning</i>		
	<i>Education</i>		
	<i>Breathng Control</i>		
	<i>Documentation</i>		
9.35 - 9.45	Discussion time		10 mins
10.05 - 10.25	HR Control	Jonathan Weir-McCall	25 mins
	<i>Fundamentals of HR Control</i>		
	<i>Overview of why it is needed</i>		
	<i>The implications on Dose</i>		
	<i>General Overview of Methods of administration</i>		
	<i>Scanner capabilities and HR</i>		

10.25 - 10.30	<i>Discussion Time</i>		15 mins
10.30 - 11.00	Tea/Coffee		30 mins
11.00 - 11.10	GTN	Russell Bull	10 mins
11.10 - 11.50	Radiographers Role in HR Control, GTN Administration and Decision Making	Ben Ward	40 mins
	How you went about implementing your workflow		
	The need for radiographers to advance their role		
11.50 - 12.00	Discussion	Ben Ward/Colin Monaghan	10 mins
12.00 - 12.45	Describe your protocol and why it works for your site	Russell Bull/Jonathan Weir- McCall/Tim Fairbairn/ Colin Monaghan	45 mins (15 mins each)
12.45 - 13.00	Time for discussion on protocols		15 mins
13.00 - 14.00	Lunch		1 hour
14.00 - 15.00	Vendor Specific Sessions		1 hour

	Canon		20 mins
	Siemens		20 mins
	GE		20 mins
	Image Acquisition		
	Phase selection (ms vs %)		
	Padding		
	Dose - reducing dose without compromising quality		
	Contrast		
	kV & mAs		
	Calcium - what to do in the presence of calcium/calcium scores etc		
	Iterative Reconstruction		
	ECG Editing		
	Equipment Limitations		
	Discussion Included in this time		
15.00 - 15.30	Artefacts		30 mins
	Motion	Tim Fairbairn	10 mins
	Misalignment	JWM	10 mins
	Noise/Blooming	Russell Bull	10 mins
15.30 - 16.00	Tea/Coffee		30 mins

16.00 - 16.30	Case Evaluation - Trouble Shooting artefacts and Difficult Patients - discussion	Emily Geraerts/all	40 mins
16.40	End		