



SPECT/CT Course and Workshop Fundamentals, Instrumentation and Techniques

Organized by the

Biomedical Physics Department, Nuclear Medicine Section, Radiology Department and
Research Centre Training and Education Office, King Faisal Specialist Hospital and Research Centre, Riyadh
22 – 24 Dhu Al-Qada 1430 (10 – 12 November 2009)

Day One; 10 November 2009

Time	Topics	Lecturer
07:30 -08:30	Registration	
08:30 - 09:00	Opening Ceremony	
09:00 - 09:40	Basics of SPECT/CT Systems	Dr. Kappadath
09:40 - 10:20	SPECT/CT; what is the value added	Dr. Truluck
10:20 - 10: 40	Break	
10:40 - 11:20	Image Reconstruction and Attenuation Correction	Dr. Kappadath
11:20 - 12:00	Cardiac SPECT/CT Acquisition Methods	Dr. States
12:00 - 13:15	Prayer and Lunch Break	
13:15 - 13:40	Vendor 1 Lecture	
13:40 - 14:20	CT Basics	Dr. Adnan Al-Watban
14:20 - 14:45	Vendor 2 Lecture	
14:45 - 15:15	Prayer and Break	

Parallel Sessions

Time	GC QC Track		Clinical Procedures Track		Students Track	
15:15 - 16:00	Introduction to SPECT QC	Mr. AlMazrou	Renogram Procedures	Dr. Truluck	Introduction to Gamma Camera	Dr. Gary Sayed
16:00 - 16:45	Introduction to SPECT/ CT QC	Dr. Kappadath	Thyroid Procedures	Dr. States	Digital Imaging - The A B C's	Dr. Omer Demirkaya

Practical Sessions

16:45 - 18:15	SPECT/CT QC Hands on/Practical	Gamma Camera QC Hands on/Practical	Acquisition/Processing Hands on/Practical
18:15 - 20:00	Gala Dinner		

Day Two: 11 November 2009

Time	Topics	Lecturer	
08:30 - 09:15	Quantitative Imaging in SPECT/CT	Dr. Kappadath	
09:15 - 10:00	Use of SPECT/CT in Radionuclide Therapy	Dr. States	
10:00 - 10:30	Break		
10:30 - 11:15	SPECT/CT Clinical cases	Dr. Tuli	
11:15 - 12:00	SPECT/CT Room Design and Shielding		
12:00 - 13:15	Prayer and Lunch Break		
13:15 - 13:45	Vendor 3 Lecture		
13:45 - 14:25	Radiation Safety Considerations in SPECT/CT	Dr. Truluck	
14:25 - 14:45	Closing Remarks		
14:45 - 15:15	Prayer and Break		
Parallel Sessions			
Time	QC of GC Track	Clinical Procedures Track	Students Track
15:15 - 16:00	Discussion of Practical performed on Tuesday (GC and SPECT/CT QC)	Mr. AlMazrou Infection Imaging	Dr. Truluck It's All About Resolution Dr. Gary Sayed
16:00 - 16:45	Artifacts in SPECT/CT QC	Dr. Omer Demirkaya Whole Body and Bone Scan Procedures	Dr. States To be Announced
Practical Sessions			
16:45 - 18:15	SPECT/CT QC Hands on/Practical	Gamma Camera QC Hands on/Practical	Acquisition/Processing Hands on/Practical

Day Three: 12 November 2009

Practical Sessions

Time			
08:00 - 12:00	SPECT/CT QC Hands on/ Practical	Gamma Camera QC Practical	Acquisition/Processing Practical

MBC-03 | Ext: 39246 / 32600 | Fax: 24661
RC-Training and Education Office

