

## REGISTRATION FORM

Title and Name :

Prof./Dr./Mr./Mrs/Miss

Phone No:

Fax No:

Mobile No:

E-mail:

Position:

Organization/Institute:

Address:

Special dietary requirements:

Vegetarian

Vegan

Others (Please specify): \_\_\_\_\_

	DAY 1 (TALKS)	DAY 1 & 2 (TALKS & PRACTICALS)
Please Tick <input checked="" type="checkbox"/>	<b>Without hotel:</b>	<b>Without hotel:</b>
	<input type="checkbox"/> Participant (RM 450)	<input type="checkbox"/> Participant (RM 600)
	<input type="checkbox"/> Student (RM 350)	<input type="checkbox"/> Student (RM 500)
	<b>With hotel (One night):</b>	<b>With hotel (One night):</b>
<input type="checkbox"/> Participant (RM 600)	<input type="checkbox"/> Participant (RM 700)	
<input type="checkbox"/> Student (RM 450)	<input type="checkbox"/> Student (RM 600)	

Number of seats for Day 2 is limited. You are advised to register and make payment before 13th August 2018. Upon receiving the registration form, a confirmation email will be sent to participant.

Any cancellation made 2 weeks prior to the event are not refundable.

METHOD OF PAYMENT: PLEASE TICK (✓):

Purchase Order (PO) :

Cash Cheque (Cheque No.) :

Bank-in / Online transfer to the following account :

Payment to : Usains Holding Sdn Bhd

Bank : AmBank (M) Berhad

Account No. : 888-100-985-0380

\*Please provide proof of payment transaction to the committee.

For online registration, visit : [www.amdi.usm.my](http://www.amdi.usm.my)

CONTACT US:

Registration

Hotel

Email : [amirsyahmi@usm.my](mailto:amirsyahmi@usm.my) or [amirul.azrie@usm.my](mailto:amirul.azrie@usm.my)

Email : [hafizahnaharuddin@usm.my](mailto:hafizahnaharuddin@usm.my)

Tel.no : 04-5622888 (ext 2651/2652)

Tel.no : 04-5622888 (ext 2651)



# 3<sup>RD</sup> PRACTICAL AND THEORETICAL MEDICAL PHYSICS COURSE

Quality Assurance (QA) of SPECT/CT Hybrid Imaging System

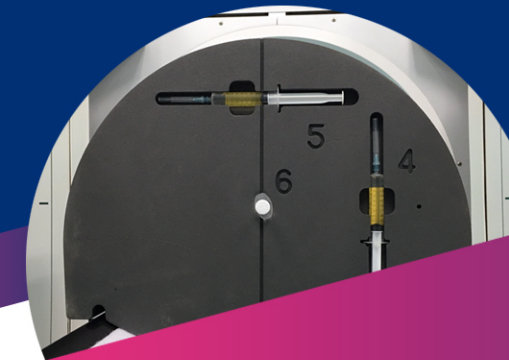


**27 August 2018**

Hotel Ixora  
Seberang Jaya, Penang

**28 August 2018**

Clinical Trial Complex, IPPT



**CME Status**

## INTRODUCTION

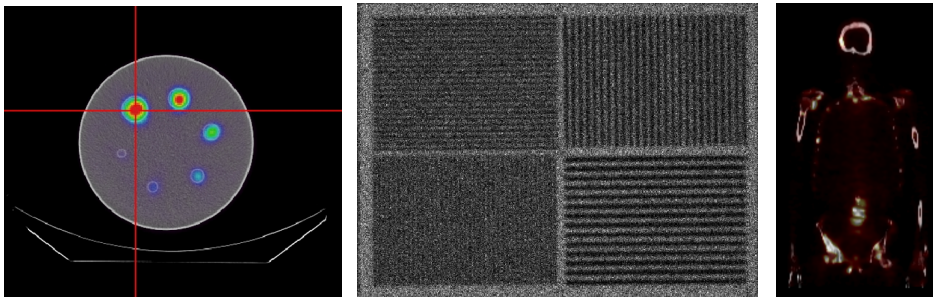
This 2-days course is organised by Oncological and Radiological Sciences Cluster, Advanced Medical & Dental Institute (AMDI), USM in collaboration with Medical Physics Unit & Nuclear Medicine Unit of AMDI. The first day of the course comprises of a series of lecture on the fundamental and physic theories of SPECT/CT hybrid imaging system, added with focus on the quality assurance aspect. The practical session on Day-2 covers the practical aspects of quality assurance and quality control assessments for a SPECT/CT system including image quality, technical aspects, and dose optimization. The hands-on sessions will include a step-by-step demonstration of the most significant aspects of the QC in SPECT/CT system. The hands-on practical session will include daily, monthly and annual test/scans.

The course is aimed primarily for medical physicists, but should also benefit radiographers/ technologies, nuclear medicine specialist, engineers, researchers, postgraduate students, manufacturer's representative, and anyone interested to update their knowledge and understanding on SPECT/CT system. The course is CME accredited by Ministry of Health (MOH), Malaysia.

## Who Should Attend?

Medical Physicists, Radiation Protection Supervisors, Radiation Protection Officers, Radiographers, QC Assessor, Technologists, Biomedical Engineers, Researchers, Students and those who are interested in diagnostic radiology and specifically in CT imaging.

Participation on Day 1 (Unlimited seats) & Day 2 (Limited seats)



## PROGRAM OVERVIEW

DAY 1: 27 AUGUST 2018

VENUE: HOTEL IXORA, SEBERANG JAYA, PENANG

PARTICIPATION: UNLIMITED SEATS

- 0830 – 0900 Registration
- 0900 – 0930 Welcoming Speech & Course Introduction
- 0930 – 1000 **Talk 1:** The role of medical physicist in maintaining the performance of the SPECT/CT system
- 1000 – 1030 **Talk 2:** Basic principles and technical aspect of SPECT/CT system
- 1030 – 1100 Coffee/Tea break and Photography session
- 1100 – 1200 **Talk 3:** Medical Physics specialization in Nuclear Medicine in Malaysia
- 1200 – 1230 **Talk 4:** Clinical application of SPECT/CT system
- 1230 – 1330 **Talk 5:** Company Sponsored Talk
- 1330 – 1430 Lunch Break
- 1430 – 1530 **Talk 6:** Review of SPECT/CT Quality Control and Acceptance Testing (NEMA)
- 1530 – 1600 Coffee/Tea Break
- 1600 – 1700 **Talk 7:** Optimization of SPECT/CT Image Acquisition and Processing

DAY 2: 28 AUGUST 2017

VENUE: CLINICAL TRIAL COMPLEX, AMDI USM, BERTAM

PARTICIPATION: LIMITED SEATS (15 PERSONS)

- 0830 – 0900 Registration
- 0830 – 0900 **Practical 1:** Uniformity Test
- 0900 – 1030 **Practical 2:** Resolution Test (Using the Bar Phantom)
- 1030 – 1100 Coffee/Tea Break
- 1100 – 1230 **Practical 3:** Centre of Rotation (COR) Test
- 1230 – 1400 Lunch Break
- 1400 – 1600 **Practical 4:** Total Performance Test (Jaszczak Phantom)
- 1600 – 1630 Coffee/Tea Break
- 1630 – 1700 **Practical 5:** Performing Image Registration Accuracy and Attenuation Correction Accuracy Tests