

The Regional Training Course on the Production and Quality Control of ^{18}F (non-FDG) and ^{11}C Radiopharmaceuticals for Positron Emission Tomography Applications

17th - 21st June 2019
De Prime Rangnam Hotel Bangkok, Thailand

Schedule

Monday 17 June	
7.30 – 8.00	Registration
8.00 – 9.00	Welcome Remark Dean, Faculty of Medicine Ramathibodi Hospital, Mahidol University President, Nuclear Medicine Society of Thailand Training Objectives (Mr. Philip Elsinga, IAEA expert) Group Photo
9.00 – 10.30	Coffee Break
10.30 – 12.00	Participant Introduction and Current Status of PET Radiopharmaceuticals in Member States. (10 minutes, including Q and A only one participant per country)
12.00 – 13.00	Lunch
13.00 – 14.00	Ms. Putthiporn Charoenphun, Chairperson Current Status of non-FDG PET Radiopharmaceuticals Mr. Philip Elsinga, IAEA expert
14.00 – 14.30	Physics of Cyclotron Mr. Akkapob Ngamlamiad, Thailand Institute of Nuclear Technology
14.30 – 15.00	Coffee Break
15.00 – 16.00	Ms. Putthiporn Charoenphun, Chairperson Sharing Experience: Production of PET Radiotracer (non FDG) in Thailand Ms. Ananya Ruangma, Wattanosoth Hospital, Bangkok Hospital Medical Center Mr. Shuichi Shiratori, Chulalongkorn University Ms. Tarinee Boonyawan, Chiang Mai University
16.00 – 16.30	Continue; Participant Introduction

Tuesday 18 June

Ms. Benjapa Khiewvan, Chairperson

9.00 – 10.30 Production and Quality Control of ^{11}C radiopharmaceuticals

Mr. Albert Windhorst, IAEA expert

10.30 – 11.00 Coffee Break

Mr. Krisanat Chuamsaamarkkee, Chairperson

10.30 – 11.00 Production and Quality Control of ^{11}C radiopharmaceuticals

Mr. Albert Windhorst, IAEA expert

11.00 – 12.00 Clinical Application of ^{11}C radiopharmaceuticals in Nuclear Medicine

Ms. Chanisa Chotipanich, Chulabhorn Hospital

12.00 – 13.00 Lunch

Mr. Krisanat Chuamsaamarkkee, Chairperson

13.00 – 14.00 Quality management and GMP Production of PET Radiopharmaceuticals

Mr. Jessadapong Phumruamjai, Chiang Mai University

14.00 – 14.30 Physics of PET

Mr. Thonnapong Thongpraparn, Siriraj Hospital, Mahidol University

14.30 – 15.00 Coffee Break

Ms. Benjapa Khiewvan, Chairperson

15.00 – 16.00 Clinical Benefit of ^{18}F and ^{11}C in Radiotherapy

Mr. Pittaya Dankulchai, Siriraj Hospital, Mahidol University

Wednesday 19 June

Ms. Putthiporn Charoenphun, Chairperson

9.00 – 10.30 Production and Quality Control of ^{18}F non FDG

Mr. Philip Elsinga, IAEA expert

10.00 – 10.30 Coffee Break

Ms. Putthiporn Charoenphun, Chairperson

10.30 – 11.30 Production and Quality Control of ^{18}F non FDG

Mr. Philip Elsinga, IAEA expert

11.30 – 12.00 Clinical Application of ^{18}F (non FDG) in Nuclear Medicine

Ms. Benjapa Khiewvan, Siriraj Hospital, Mahidol University

12.00 – 13.00 Lunch

Ms. Benjapa Khiewvan, Chairperson

13.00 – 13.45 Radiation Dosimetry of PET Radiopharmaceuticals

Mr. Kittiwat Khamwan, Chulalongkorn University

13.45 – 14.30 Radiation Protection and Design of PET facility

Mr. Krisanat Chuamsaamarkkee, Ramathibodi Hospital, Mahidol University

14.30 – 15.00 Coffee Break

Ms. Benjapa Khiewvan, Chairperson

15.00 – 16.00 Research Application of PET Radiopharmaceuticals

Mr. Philip Elsinga, IAEA expert

Mr. Albert Windhorst, IAEA expert

Thursday 20 June (Technical Tour to Cyclotron, Siriraj Hospital, Mahidol University) Leave from Hotel 7.00 A.M.	
8.30 – 8.50	Welcome Remark Dean, Faculty of Medicine Siriraj Hospital, Mahidol University)
8.50 – 9.30	Introduction of Siriraj's cyclotron and radiopharmaceuticals production Siriraj cyclotron team
9.30 – 10.00	Coffee Break
10.00 – 11.30	Group A: Demonstrate production and quality control of ^{18}F radiopharmaceuticals (non-radioactive) Group B: Culture tour - Museum
12.00 – 13.00	Lunch
13.00 – 14.30	Group A: Culture tour - Museum Group B: Demonstrate production and quality control of ^{18}F radiopharmaceuticals (non-radioactive)
15.00 – 15.30	Coffee Break
15.30 – 16.00	Division of Nuclear Medicine Tour

Friday 21 June	
9.00 – 9.30	Ms. Putthiporn Charoenphun, Chairperson Future Trend of non-FDG PET Mr. Philip Elsinga, IAEA expert
9.30 -10.00	How to design and develop new tracer Mr. Albert Windhorst, IAEA expert
10.00 – 10.30	Coffee Break
10.30 – 11.30	Summary and Certificate Ceremony Head, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine Ramathibodi Hospital, Mahidol University
11.30 – 12.00	Closing
12.00 – 13.00	Lunch