Level 3 Course on Practical Implementation of Clinical Dosimetry in Nuclear Medicine Therapy

ESMIT

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Day 1

Monday, June 18, 2018	
Session I - Introduction Part 1	
09:30 - 09:40	Introduction of the Speaker and the Participants
09:40 - 10:00	Evaluation Quiz/Assessment of Starting Knowledge*
10:00 - 10:30	Introduction - Part I: General Introduction
10:30 - 10:50	Introduction - Part II: MIRD Formalism
10:50 - 10:10	Introduction - Part III: Image Reconstruction
11:10 - 11:30	Coffee Break
Session II - Introduction Part 2	
11:30 - 11:50	Introduction - Part IV: Quantitative Imaging
11:50 - 12:10	Introduction - Part V: Basic TAC Fitting
12:10 - 12:30	Discussion/Interactive session I + II
12:30 - 13:15	Lunch Break
Session III	
13:15 - 13:55	Lecture 1: Advanced Quantitative Imaging
13:55 - 15:15	Hands on Training: session III
15:15 - 15:35	Discussion/Interactive session III
15:35 - 15:50	Coffee Break
Session IV	
15:50 - 16:30	Lecture 2: TAC Fitting - Pharmacokinetics
16:30 - 17:50	Hands on Training: session IV
17:50 - 18:00	Discussion/Interactive session IV
18:00	End of Day 1

Day 2

Tuesday, June 19, 2018	
Session V	
09:00 - 09:40	Lecture 3: Radiation Transport, S Values and Absorbed Dose Calculations
09:40 - 10:20	Hands on Training: session V (Kidney)
10:20 - 11:00	Hands on Training: session V (Tumour)
11:00 - 11:15	Coffee Break
11:15 - 11:25	Lecture 4: Radiobiology
11:25 -11:55	Hands on Training: session V
11:55 - 12:15	Discussion/Interactive Session V
Session VI	
12:15 - 12:45	Lecture 5: Dosimetry and Patient-Specific Therapy Management
12:45 - 13:00	Discussion/Interactive Session VI
13:00 - 13:45	Lunch Break
Session VII	
13:45 - 14:15	Lecture 6: Available Software, Tools, Web References, Status (Commercial/Free), Focus and Limits
14:15 - 14:30	Discussion/Interactive Session VII
14:30 - 15:00	Evaluation/Test of Gained Knowledge
15:00 - 15:30	Debriefing of the Course/Discussion on Last Open Questions
15:30	End of Day 2