

TRAINING PROGRAMME RESIDENTIAL COURSE ON NUCLEAR MEDICINE IN PROSTATE
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Day 1 – Rationale for functional imaging of prostate cancer

9:00 – 9:30 9:30 – 10:00 10:00 – 11:00	Overview of the Course – Introduction PET tracers for PC imaging: radiopharmacy perspective Hands on: Visit of PET Radiopharmacy	J. Cerci – S. Fanti F. Lodi
11:30 – 12:00 12:00 – 12:30 12:30 – 13:00	Clinical need for PC imaging: urology perspective Clinical need for PC imaging: oncology perspective Clinical need for PC imaging: radiotherapy perspective	R. Schiavina F. Massari A. Morganti
14:00 – 14:45 14:45 – 15:30 15:30 – 16:00 16:00 – 17:00	PET imaging for staging PC PET imaging for recurrent PC MRI for PC imaging Other indication for PET imaging in PC	F. Ceci P. Castellucci C. Gaudio S. Fanti

Day 2 – PET imaging with Choline

9:00 – 9:30 9:30 – 10:00 10:00 – 11:00	Production of ¹¹ C and ¹⁸ F Choline for clinical use Advantages and limits of Choline for PET imaging Hands on: synthesis of ¹¹ C-Choline	F. Lodi P. Castellucci
11:30 – 12:15 12:15 – 13:00	Choline PET for recurrent PC Choline PET for staging and other indications in PC	P. Castellucci – S. Fanti F. Ceci
14:00 – 14:30 14:30 – 17:00	Choline PET imaging: reading the findings Hands on: review of cases at WS	P. Castellucci P. Castellucci – F. Ceci

Day 3 – PET imaging with PSMA

9:00 – 9:30 9:30 – 10:00 10:00 – 11:00	Production of ⁶⁸ Ga-PSMA for clinical use Advantages and limits of PSMA for PET imaging Hands on: synthesis of ⁶⁸ Ga-PSMA	F. Lodi S. Fanti
11:30 – 12:15 12:15 – 13:00	PSMA PET for recurrent PC PSMA PET for staging and other indications in PC	P. Castellucci – S. Fanti F. Ceci
14:00 – 14:30 14:30 – 17:00	PSMA PET imaging: reading the findings Hands on: review of cases at WS	F. Ceci P. Castellucci – F. Ceci

Day 4 – PET imaging with Other Tracers

9:00 – 9:30 9:30 – 10:15 10:15 – 11:00	Other PET tracers for clinical use in PC PET imaging with FACBC PET imaging with Fluoride	S. Fanti C. Nanni M. Celli
11:30 – 13:00	Hands on: review of cases at WS	C. Nanni
14:00 – 14:45 14:45 – 15:30 15:30 – 16:15 16:15 – 17:00	PET imaging of PC: logistics PET imaging of PC: rules in EU PET imaging of PC: rules in SA PET imaging of PC: workflow	S. Fanti A. Chiti J. Cerci S. Fanti

Day 5 – Nuclear Medicine therapy of prostate cancer

9:00 – 9:30 9:30 – 10:00 10:00 – 11:00	Rationale of PC therapy with radionuclides Rationale of therapy with alfa emitter (Radium) Hands on: Radium 223 handling	GC. Montini F. Monari
11:30 – 12:00 12:00 – 13:00	Clinical need for PC therapy Practical organization of Radium 223 therapy	C. Errani S. Fanti
14:00 – 14:45 14:45 – 15:30	Imaging of PC during Radium 223 therapy Hands on: Radium 223 cases	P. Ghedini
15:30 – 16:00	Conclusion and remarks	J. Cerci – S. Fanti