



2ND BIR MASTERCLASS: PROSTATE CANCER THERAGNOSTICS
(IN COLLABORATION WITH UCLH AND NUCPAEDIA.ORG)

Venue: De Vere Grand Connaught Rooms, London

CPD: 6 CREDITS

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The role of radionuclide theragnostic in prostate cancer is expanding. Current evidence supports PSMA PET-CT as an essential procedure for imaging prostate cancer patients, especially in the setting of recurrent cancer. Radiolabelled PSMA-PET-CT is a useful diagnostic and clinical decision-making tool in prostate cancer. Several national and international guidelines have a recommendation on its appropriate use. Radiolabelled PSMA therapies have shown good response and prolonged survival with limited adverse events. The results from the VISION trial are encouraging. A multidisciplinary approach and relevant knowledge transfer are essential for the best use of radiolabelled procedures in prostate cancer. National and International faculty aim to share their experience and discuss practical issues related to diagnostic and therapeutic applications in this true masterclass.

08:30 **Registration and refreshments**

09:00 **Welcome and introduction**

Professor Jamshed Bomanji, Clinical Lead and Head of Clinical Department, Institute of Nuclear Medicine, University College London Hospitals NHS Foundation Trust

SESSION 1

PSMA PET-CT imaging: Science and practice

Chair: Dr Nagabhushan Seshadri, Consultant, Nuclear Medicine, Liverpool University Hospital

09:10 **Radiolabelled PSMA PET-CT in prostate cancer: Evidenced based clinical applications**
Professor Tim Van den Wyngaert, University of Antwerp and Senior Consultant in Nuclear Medicine, Antwerp University Hospital (UZA), Belgium

09:35 **Structured reporting of radiolabelled PSMA PET-CT: How much is too much**
Professor Gary Cook, Chair of Clinical PET Imaging, School of Biomedical Engineering and Imaging Sciences Cancer Imaging Department and KCL and Guy's and St Thomas NHS Foundation Trust PET Centre

10:00 **Radiolabelled PSMA PET-CT and assessment of treatment response: Is there a right way?**
Professor Karolien Goffin, KU Leuven Nuclear Medicine and Molecular Imaging, Belgium

10:25 **Radioguided biopsy of prostate**
Professor Rajender Kumar, Associate Professor, Nuclear Medicine, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh

10:45 **Refreshments**

SESSION 2

PSMA PET-CT imaging: Science and practice

Chair: Dr Jayan Radhakrishnan, Consultant Radiologist, Royal Liverpool and Broadgreen University Hospitals

11:15 **Radiolabelled PSMA: Radioguided surgery in nodal metastatic prostate cancer**
Professor Fijis van Leeuwen, Professor of Radiology and Director of the research theme 'Molecular Imaging and Image Guided Therapy', Leiden University Medical Center

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| 11:45 | Cut the Clutter: Open discussion on radiolabelled PSMA PET-CT Moderator: Dr Gopinath Gnanasegaran Panellists: Professor Jamshed Bomanji, Professor Fijs van Leeuwen, Dr Simon Wan, Professor Gary Cook, Professor Tim Van den Wyngaert, Dr Rajender Kumar, Professor Karolien Goffin |
| 12:15 | Evidence based summary of radiolabelled PSMA PET-CT in prostate and non-prostate cancers Dr Gopinath Gnanasegaran, Consultant Physician in Nuclear Medicine, Royal Free NHS Foundation Trust |
| 13:00 | Lunch |

SESSION 3

Radiolabelled PSMA therapies: Science and practice

Chair: Dr Shaunak Navalkissoor, Consultant Nuclear Medicine Physician, Royal Free NHS Foundation Trust

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| 14:00 | Patient selection criteria, technique and protocols for radiolabelled PSMA therapy Professor Hojjat Ahmadzadehfah, Head of Department of Nuclear Medicine, Klinikum Westfalen in Dortmund |
| 14:30 | Radiolabelled PSMA therapy: Side effects and management Professor Hojjat Ahmadzadehfah, Head of Department of Nuclear Medicine, Klinikum Westfalen in Dortmund |
| 14:45 | Thanking teachers, mentors, and colleagues in nuclear medicine |
| 15:00 | Refreshments |

SESSION 4

Radiolabelled PSMA therapies: Science and practice

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| 15:30 | Cut the Clutter: Open discussion on Radiolabelled PSMA therapies Moderator: Dr Gopinath Gnanasegaran Panellists: Professor Jamshed Bomanji, Professor Hojjat Ahmadzadehfah, Dr Richard Meades, Dr Sabina Dizdarevic, Dr Dimitrios Priftakis, Dr Stefan Voo |
| 16:00 | Evidence based summary of radiolabelled therapy in prostate cancer Dr Gopinath Gnanasegaran, Consultant Physician in Nuclear Medicine, Royal Free NHS Foundation Trust |
| 16:45 | Close of event Professor Jamshed Bomanji, Clinical Lead and Head of Clinical Department, Institute of Nuclear Medicine, University College London Hospitals NHS Foundation Trust |
| 17:00 | Meet the speakers and industry |

Meet our speakers



Professor Tim Van den Wyngaert
University of Antwerp and Senior
Consultant in Nuclear Medicine,
Antwerp University Hospital
(UZA), Belgium



Professor Karolien Goffin
KU Leuven Nuclear
Medicine and Molecular
Imaging, Belgium



Professor Gary Cook
Chair of Clinical PET
Imaging, School of
Biomedical Engineering and
Imaging Sciences Cancer
Imaging Department and
KCL and Guy's and St
Thomas NHS Foundation
Trust PET Centre



Professor Hojjat Ahmadzadehfar
Head of department of Nuclear
Medicine, Klinikum Westfalen in
Dortmund



Professor Fijs van Leeuwen
Professor of Radiology and
Director of the research
theme 'Molecular Imaging and
Image Guided Therapy'
Leiden University Medical
Center



Professor Rajender
Kumar Associate
Professor, Nuclear
Medicine, Post Graduate
Institute of Medical
Education and Research
(PGIMER), Chandigarh

Programme Organisers

Professor Jamshed Bomanji

Clinical Lead and Head of Clinical Department
Institute of Nuclear Medicine, University College London
Hospitals NHS Foundation Trust



Dr Gopinath Gnanasegaran

Consultant Physician in Nuclear Medicine
Royal Free NHS Foundation Trust



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