



***Nuclear Medicine Update
in bone and cardiovascular diseases
and prostate cancer***

**1-2 June, 2018
Hotel Nettuno
Catania, Italy**

**Clinical Nuclear Medicine update
in bone and cardiovascular diseases
and prostate cancer**

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Organizing and Scientific Committee:

Dr. Sveva Auletta, Dr. Luigi Castorina, Dr. Marco Chianelli,
Prof. A. Maes, Prof. A. Signore, Prof. C. van de Wiele

Preliminary programme



Friday 1st of June 2018

ORTHOPEDIC DISEASES

Foot and ankle

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| 8h00-8h20 | Clinical questions from the orthopedic Stefan Clockaerts, AZ Groeninge, Kortrijk, Belgium |
| 8h20-8h40 | Role of CT and MRI Imaging Giuseppe Argento, S. Andrea Hospital, Rome, Italy |
| 8h40-9h00 | Bone SPECT/CT imaging Christophe Van de Wiele, UGent, Belgium |

Knee

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| 9h00-9h20 | Clinical questions from the orthopedic Nele Arnout, UGent, Ghent, Belgium |
| 9h20-9h40 | Role of CT and MRI Imaging Koenraad Verstraete, UGent, Ghent, Belgium |
| 9h40-10h00 | Bone SPECT/CT imaging Dominic Mathis, Basel, Switzerland |

10h00-10h30 Coffee break

Hip

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| 10h30-10h50 | Clinical questions from the orthopedic surgeon Paul Jutte, UMCG, Groningen, The Netherlands |
| 10h50-11h10 | Role of CT and MRI Imaging. Thomas Kwee, UMCG, Groningen, The Netherlands |
| 11h10-11h30 | Bone SPECT/CT imaging. Alex Maes, KULeuven, Belgium |

Spine

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| 11h30-11h50 | Clinical questions from the neuroradiologist Luigi Manfrè, Istituto Oncologico del Mediterraneo, Catania, Italy |
| 11h50-12h10 | Role of CT and MRI Imaging Frederic Van Rietvelde, AZGroeninge, Belgium |
| 12h10-12h30 | Bone SPECT/CT imaging Olivier Gheysens, KULeuven, Belgium |

Imaging infection in orthopedics

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| 12h30-12h50 | Bone imaging in sport medicine Rudi Dierckx, UMCG, Groningen, The Netherlands |
| 12h50-13h10 | Infection imaging of osteomyelitis Alberto Signore, "Sapienza" University of Rome, Italy |

13h10-15h00 Lunch break

AGGIORNAMENTO IN PATOLOGIA PROSTATICA (session in Italian)

Update del ruolo della Medicina Nucleare in patologia prostatica

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| 15h00-15h20 | Ruolo della scintigrafia miocardica nel pre-operatorio Carlo Vigneri, O. Vittorio Emanuele, Catania |
| 15h20-15h40 | Ruolo della scintigrafia ossea nelle metastasi ossee Giovanni D'Agostino, O. Gravina e Santo Pietro, Caltagirone (CT) |
| 15h40-16h00 | La PET con NaF per la diagnosi delle metastasi ossee Serena Castorina, O. Umberto I, Enna |

16h00-16h30 Coffee break

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| 16h30-16h50 | PET con FDG: che ruolo nel carcinoma della prostata? Simona Russo, O. Garibaldi, Catania |
| 16h50-17h10 | PET con colina e PSMA nel cancro della prostata Dr.ssa Murè, O. Cannizzaro, Catania. |
| 17h10-17h30 | Terapia delle metastasi ossee con $^{223}\text{RaCl}_2$ Demetrio Aricò, Humanitas, Catania |

17h30-18h30 Tavola rotonda e discussione con gli esperti

Moderatori: Luigi Castorina (MN Viagrande CT), Massimo Ippolito (MN Catania)

Discussants: Mario Falsaperla (Urologo Catania), Concetta Fornito (MN Catania), Rosario Leonardi (Urologo Catania), Filippo Marranzano (MN Catania), Concetto Scuderi (MN Caltagirone CT), Sergio Sportelli (MN Catania)

20h00-23h00 Social dinner

Saturday 2nd of June 2018

CARDIAC IMAGING

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| 9.00h-9h20 | Imaging protocols in obese patients Valeria Gaudieri, Napoli, Italy |
| 9h20-9h40 | New SPECT and PET tracers for cardiac imaging Véronique Roelants, UCL, Leuven, Belgium |
| 9h40-10h00 | New technologies in nuclear cardiac imaging Pieter de Bondt, OLV Hospital Aalst, Belgium |
| 10h00-10h20 | Resolution recovery imaging protocols, impact on reporting Christophe van de Wiele, UGent, Ghent, Belgium |
| 10h20-10h40 | Sponsored lecture by GE Healthcare |

10h40-11h10 Coffee break

DIAGNOSIS AND THERAPY OF PROSTATE CANCER

PET/CT imaging

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| 11h10-11h30 | The role of [¹⁸ F]-NaF PET/CT in prostate cancer. Rachele Bonfiglioli, Bologna, Italy |
| 11h30-11h50 | The role of [¹⁸ F]-Choline PET/CT in prostate cancer. Rachele Bonfiglioli, Bologna, Italy |
| 11h50-12h10 | The role of ⁶⁸ Ga-PSMA PET/CT imaging in prostate cancer Felix Mottaghy, Aachen, Germany |

Therapy of prostate cancer

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| 12h10-12h30 | ¹⁷⁷ Lu-PSMA therapy. Giovanni Paganelli, Ferrara, Italy |
| 12h30-12h50 | Astatine and ¹⁷⁷ Lu-PSMA therapy: the SA experience. Mike Sathekge, Pretoria, South Africa |
| 12h50-13h10 | ²²³ RaCl ₂ for bone metastases. Giuseppe De Vincentis, "Sapienza" University of Rome, Italy |

13h10-14h30 Lunch break