Center of Excellence for "PET applications in Radiation Oncology" of AIMN

Master Series
MotionFree PET/CT

April 27-30, 2009

S. Maria Nuova Hospital, Viale Risorgimento, 80 - Reggio Emilia, Italy
April 27, 2009

14.30 Welcome message
   D. Salvo, MD

14.45 Introduction
   A. Versari, MD

PET-CT in Radiation Therapy

15.00 The point of view of the Nuclear Medicine Physician
   A. Versari, MD

15.30 The point of view of the Radiation Oncologist
   N. D’Abbiero, MD

16.00 Coffee break

Physical and technological development

16.30 Use of PET for target volume definition
   F. Fioroni, MS

17.00 Image-guided radiotherapy
   M. Paiusco, MS

17.30 Discussion

18.00 Conclusion

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Respiratory gating

8.30 – 10.00 Physical aspects
   E. Grassi, MS

   Diagnostic applications
   A. Versari, MD

   Therapeutic applications
   M. Paiusco, MS

10.00–10.30 Coffee break

10.30-13.30 Phantom 4D acquisition and processing

13.30-14.30 Lunch

14.30-15.00 Patient training

15.00-16.00 Clinical cases (acquisition, processing and analysis)

16.00–16.30 Coffee break

16.30-18.00 MotionFree PET/CT Acquisition and Processing
April 29, 2009

8.30 – 10.00  **MotionFree PET/CT Analysis**

10.00-11.00 **Clinical cases (acquisition, processing and analysis)**

11.00-11.30 **Coffee break**

11.30-13.00 **Clinical cases (acquisition, processing and analysis)**

13.00-14.00 **Lunch**

14.00-16.00 **Virtual simulation, MotionFree PET/CT Acquisition, Processing and Analysis**

16.00–16.30 **Coffee break**

16.30-18.00 **Use of MotionFree PET/TC in Radiation Treatment planning**

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8.30-11.00 **MotionFree PET/CT Acquisition, Processing and Analysis**

11.00-11.30 **Coffee break**

11.30-13.00 **Clinical cases review**

13.00 **Conclusion**
SCIENTIFIC DIRECTOR

Diana Salvo
Nuclear Medicine / AIMN Center of Excellence for
“PET Applications in Radiation Oncology”

SCIENTIFIC SECRETARIAT

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