PET-CT in Practice: Clinical Essentials

Participating Faculty

Course Director
Elissa L. Kramer, M.D.

NYU Faculty
Kent P. Friedman, M.D.
Assistant Professor of Radiology
Elissa L. Kramer, M.D.
Professor of Radiology
Chief, Nuclear Medicine
Karen A. Mourtzikos, M.D.
Assistant Professor of Radiology
Fabio Ponzo, M.D.
Assistant Professor of Radiology

Guest Faculty
Shalom Kalnicki, M.D., F.A.C.R.O.
Professor and Chairman,
Department of Radiation Oncology
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Program Information

Statement of Need
Due to the rapidly evolving technology found in PET-CT, there is a need for education in new clinical applications, techniques and interpretation. Maintenance of certification requires continued review of essential imaging techniques in all areas of radiology, including PET-CT.

Target Audience
This course is designed for Nuclear Medicine physicians and radiologists who are integrating F-18 FDG PET/CT into their practice or who currently perform and interpret PET/CT.

Description
This one-day program will include lectures that cover the state-of-the-art of clinical applications of F-18 FDG PET-CT to oncology and neurologic diseases. Topics covered will be the practical aspects of PET-CT physics and quality control in order to optimize image quality, interpretation of PET/CT and the false positives and false negatives that may be encountered, the clinical utility in melanoma, lymphoma, head & neck, lung, breast, gynecologic and GU cancers and the application of FDG-PET to the brain.

Educational Objectives
1. Summarize the strengths and limitations of combining FDG PET with state-of-the-art CT in order to minimize radiation dose, maximize image quality and clinically valuable results based on current guidelines.
2. Improve your clinical practice by familiarizing yourself with the incorporation of metabolic information into radiation treatment planning, according to the newest evidence based methods for designing and assessing radiation therapy.
3. Identify the evidence based strengths and limitations of FDG-PET CT for detection, staging, assessment of treatment response, and post therapy surveillance in the management of “solid” tumors.

Accreditation Statement
The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
The NYU Post-Graduate Medical School designates this educational activity for a maximum of 8 AMA PRA Category 1 credits™. Physicians should only claim credits commensurate with the extent of their participation in the activity.

ASRT CE Credits
Category A CE credit is pending approval by the ASRT.

Disclosure Statement
The NYU Post-Graduate Medical School adheres to ACCME Essential Areas and policies, including the Standards for Commercial Support regarding industry support of continuing medical education. In order to resolve any identified Conflicts of Interest, disclosure information is provided during the planning process to ensure resolution of any identified conflicts. Disclosure of faculty and commercial relationships as well as the discussion of unlabeled or unapproved use of any drug, device or procedure by the faculty will be fully noted at the meeting.

Program Schedule

7:30am Registration and Continental Breakfast
Schwartz E Foyer
(NYU Medical Center)

7:50am Welcome—Introduction
Elissa L. Kramer, M.D.

8:00am Practical PET Physics and Quality Control
Karen A. Mourtzikos, M.D.

8:30am Normal Variants and Pitfalls of PET/CT
Elissa L. Kramer, M.D.

9:15am PET/CT in the Management of Melanoma and Other Cutaneous Malignancies
Kent P. Friedman, M.D.

9:45am Questions and Discussion

10:00am Morning Break

10:15am Evaluating Lung Cancer
Fabio Ponzo, M.D.

11:00am Integration of PET/CT into Radiation Treatment Planning
Shalom Kalnicki, M.D.

11:45am PET/CT in Head and Neck Cancer
Karen A. Mourtzikos, M.D.

12:30pm Questions and Discussion

12:45pm Lunch

1:45pm PET/CT in the Management of GI Cancers
Elissa L. Kramer, M.D.

2:30pm PET/CT for Evaluating Breast Cancer
Fabio Ponzo, M.D.

3:00pm Gynecologic and Genitourinary Cancers: Role of PET/CT
Kent P. Friedman, M.D.

3:45pm Afternoon Break

4:00pm Using PET/CT in Lymphoma
Karen A. Mourtzikos, M.D.

4:30pm Brain PET/CT:
Dementia, Epilepsy and Tumors
Elissa L. Kramer, M.D.

5:00pm Questions and Discussion

5:15pm Adjournment