ESOR
European School of Radiology

ASKLEPIOS Course

ASKLEPIOS Course
Multidisciplinary Approach of Cancer Imaging

November 7–9, 2013
Rome/Italy

Course information

This course is designed for both last year residents and specialists in radiology and radiation-oncology, who would like to learn the use of imaging in a truly multidisciplinary environment. The goal is to understand each other's specialty needs and to practice common language. The course aims to provide knowledge on an integrated approach of imaging in the diagnosis and treatment of various cancer types. Didactic lectures followed by workshops and plenary discussions will cover all aspects of the use of imaging in lung -, liver-, pancreatic- and rectal cancer. A renowned European multidisciplinary faculty of expert radiologists, surgeons and radiation-oncologists will provide the participants with an in depth knowledge of imaging technology as well as an understanding of how its information can be used for clinical decision making, treatment planning, adaptation and response assessment.

Learning objectives

- to understand the imaging technology and protocols used in radiology and radiation oncology
- to learn about relevant diagnostic questions in each other's specialty
- to become familiar with current treatment options in lung-, liver-, pancreatic- and rectal cancer
- to know the role and performance of CT, MR and PET/CT in the multidisciplinary management of patients with these tumours
- to understand how imaging information impacts treatment stratification, planning and adaptation
- to know the performance of CT, MR and PET/CT for evaluation of treatment response and to understand the pitfalls in interpretation

Education in partnership with ESTRO and Guerbet

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Thursday, November 7, 2013

08:30–09:00	Registration
09:00–09:15	Welcome on behalf of ESOR and ESTRO
09:15–09:30	**Introduction: aim and methodology of the course** R. Beets-Tan, Maastricht/NL V. Valentini, Rome/IT
09:30–10:30	**Imaging technology in radiology and radiotherapy: protocols that matter**
09:30–10:30	**Lecture session 1 (parallel)** **Imaging technology in radiotherapy for radiologist** **Basic principle in radiation technology** V. Valentini, Rome/IT **Clinical application** U. Nestle, Freiburg/DE
09:30–10:30	**Lecture session 2 (parallel)** **Imaging technology in radiology for radiotherapist** **Basic principle in MR technology** N. Papanikolaou, Heraklion/GR **Clinical application** Y. Menu, Paris/FR
10:30–11:00	**Discussion**
11:00–11:30	Coffee break
11:30–12:10	**Liver Tumours: primary liver tumour and colorectal metastases: anatomical, functional, monitoring and follow-up imaging:** **Treatment options** G. Lammering, Maastricht/NL **CT and MRI of liver tumours: imaging features before, during and after treatment** Y. Menu, Paris/FR
12:10–13:00	Lunch break
13:00–14:00	**Pancreatic tumours: anatomical, functional, monitoring, follow-up:** **Treatment options** S. Alfieri, Rome/IT **CT and MRI of pancreatic tumours: imaging features before, during and after treatment** R. Manfredi, Verona/IT **Imaging guided adaptation of treatment: before, during and after** G. Lammering, Maastricht/NL

Local Organiser

L. Bonomo
Rome/IT

Venue

Policlinico Universitario A. Gemelli
Room: Brasca (4th floor)
Largo A. Gemelli, 8
00168 Rome
Italy

Registration fee

Early fee € 300
(until eight weeks prior to the course)
Late fee € 350
(after eight weeks prior to the course)

Please note that this course is open also to ESR non-members.

For further information on the programme and registration please visit
myESR.org/esor

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14:00–15:00	**Workshops on liver and pancreatic cancer** **Workshop 1** **How to interpret MR, PET, CT images: before, during and after treatment** R. Manfredi, Verona/IT Y. Menu, Paris/FR V. Valentini, Rome/IT
15:00–15:30	Coffee break
15:30–16:30	**Workshops on liver and pancreatic cancer** **Workshop 2** **How to delineate risk compartments according to RT techniques (tumours and nodes)** G. Lammering, Maastricht/NL S. Alfieri, Rome/IT R. Beets-Tan, Maastricht/NL
16:30–17:30	**Group discussion on preselected cases focused on upper abdomen**

Friday, November 8, 2013

09:00–10:00	**Lung cancer–Lung imaging evidences: anatomical, functional, monitoring, follow-up** **Pathways of lung spread and relevant treatment options** D. Zips, Dresden/DE **Imaging local tumour and nodal spread before, during and after treatment** L. Bonomo, Rome/IT **Imaging guided adaption of treatment before and after** U. Nestle, Freiburg/DE
10:00–10:30	Coffee break

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10:30–12:30	**Workshops on lung cancer** **Workshop 1** **How to interpret MR, PET, CT images before, during and after treatment** L. Bonomo, Rome/IT Y. Menu, Paris/FR V. Valentini, Rome/IT **Workshop 2** **How to delineate risk compartments according to RT techniques (tumours and nodes)** D. Zips, Dresden/DE U. Nestle, Freiburg/DE R. Beets-Tan, Maastricht/NL
12:30–13:30	Lunch break
13:30–14:30	**Group discussion on preselected cases focused on mediastinum**
14:30–15:30	Coffee break
15:30–16:30	**Case discussion**

Saturday, November 9, 2013

08:30–09:30	**Rectal cancer, tumour extension at primary staging and at response evaluation** **Pathways of rectal cancer spread and relevant treatment options** C. Van de Velde, Leiden/NL **Imaging local tumour and nodal spread: before, during and after treatment** R. Beets-Tan, Maastricht/NL **Imaging guided adaptation: treatment before, during and after** V. Valentini, Rome/IT
09:30–10:00	Coffee break
10:00–12:00	**Workshops on rectal cancer** **Workshop 1** **How to interpret MRI rectal cancer staging and restaging images before, during and after the treatment** R. Beets-Tan, Maastricht/NL **Workshop 2** **How to delineate risk compartments according to RT techniques (tumour and nodes)** C. Van de Velde, Leiden/NL V. Valentini, Rome/IT
12:00–13:00	**Group discussion on preselected cases focused on the rectum**
13:00	Certificate of attendance

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