



AIMS ADVANCED IMAGING MULTIMODALITY SEMINARS 2016

AIMS MEXICO

LEVEL II

ABDOMINAL ONCOLOGIC IMAGING

April 13, 2016
Mexico City/Mexico

April 15, 2016
Monterrey/Mexico

AIMS KOREA

LEVEL II+III

ADVANCED THORACIC IMAGING

July 9, 2016
Seoul/Korea

AIMS BRAZIL

LEVEL II+III

ADVANCED ONCOLOGIC IMAGING

August 25-26, 2016
São Paulo/Brazil

August 27-28, 2016
Salvador/Brazil

AIMS, the ESOR Visiting Seminars, are made possible by an unrestricted educational grant from Bracco and in partnership with the Brazilian College of Radiology, the Korean Society of Radiology, the Mexican Federation of Radiology and the Mexican Society of Radiology.



LIFE FROM INSIDE



Education in partnership

EUROPEAN SCHOOL OF RADIOLOGY

The European School of Radiology (ESOR) is an established and growing project, fulfilling the mission of the European Society of Radiology (ESR) in the field of education. Its main goal is to assist in harmonising radiological education in Europe. With its wide range of activities, ESOR additionally aims to raise standards in the field of scientific radiology, to extend and coordinate teaching resources worldwide and to help young radiologists to obtain the knowledge and skills to fulfil tomorrow's requirements.

ESOR stands for education in partnership.

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AIMS, the ESOR Visiting Seminars, are made possible by an unrestricted educational grant from Bracco and in partnership with the Brazilian College of Radiology, the Korean Society of Radiology, the Mexican Federation of Radiology and the Mexican Society of Radiology.

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All ESOR activities are exclusively for ESR members.
Further information about ESR membership is available
on the ESR website **myESR.org**.

Please note that programmes are marked with a logo to indicate their classification according to the European Training Curriculum.

- | | |
|------------------|--|
| LEVEL I | First three years of training |
| LEVEL II | Fourth and fifth years of training
(general radiologist standard) |
| LEVEL III | Subspecialty training standard |



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While the greatest care is taken in compiling this information,
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WELCOME TO AIMS MEXICO



Dear Colleagues,

The AIMS programme has been set up by ESOR to establish educational links and exchange between ESR and National Radiological Societies outside Europe.

As of 2013, the programme has been expanded to establish a working partnership with the Mexican Federation of Radiology (FMRI) and the Mexican Society of Radiology (SMRI). This opened up a long-term creative opportunity for an educational bridge and scientific integration in radiology between Europe and Mexico, which is made possible by an unrestricted grant from Bracco.

In 2016 two seminars will be held, focusing on Abdominal Oncologic Imaging. The chosen venues are Mexico City and Monterrey.

The educational programmes will be delivered jointly by renowned European speakers and esteemed Mexican lecturers in an effort to create additional opportunities in exchanging expertise and enhancing scientific ties.

We do hope that such an international cooperation responds to and addresses actual needs, at the same time offering scientific synergies and partnership envisioned to flourish on a larger scale.

On behalf of the FMRI, the SMRI and ESOR, we would like to encourage young colleagues from Mexico to actively participate and benefit from an excellent programme.

Doctor Rene Anguiano Martinez
FMRI President

Doctor Armando López Ortiz
SMRI President

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

LEVEL II

AIMS Mexico

ABDOMINAL ONCOLOGIC IMAGING

April 13, 2016
Mexico City/Mexico

Course information

This seminar is designed for participants from Mexico, in particular last year residents, board-certified radiologists and fellows interested in oncologic imaging. It is articulated on imaging strategies for different oncological clinical conditions and advanced technical considerations. Special focus is given to the latest cross-sectional imaging techniques in the detection, staging and follow-up of lymphomas, liver and pancreatic and prostate tumours, as well as metastases evaluation. Internationally renowned European and Mexican experts ensure a high quality teaching programme, combining lectures and interactive case discussions.

Learning objectives

- to present an update on advanced imaging protocols, applicable to abdominal oncologic imaging, including multimodality and multiparametric imaging
- to become familiar with the different pearls and pitfalls in oncologic imaging
- to discuss the role of imaging in the detection, staging and follow-up of abdominal cancers
- to review state-of-the-art imaging approaches in the detection and characterisation of several of these tumours



Programme

ABDOMINAL ONCOLOGIC IMAGING

April 13, 2016
Mexico City/Mexico

Wednesday, April 13, 2016

08:00–08:45	Registration
08:45–09:00	Welcome and introduction
09:00–09:30	GI tract lymphomas M. Zins, Paris/FR
09:30–10:00	DWI in abdominal oncology N. Kartalis, Stockholm/SE
10:00–10:30	Focal liver lesions: detection and characterisation G. Elizondo Riojas, Monterrey/MX
10:30–10:50	Coffee break
10:50–13:00	Workshops (M. Zins, N. Kartalis, G. Elizondo-Riojas)
13:00–14:00	Lunch break
14:00–14:30	Imaging metastatic disease in the abdomen L.F. Alva Lopez, Mexico City/MX
14:30–15:00	Solid pancreatic tumours: imaging protocols, staging, resectability R. Manfredi, Verona/IT
15:00–15:30	Multiparametric imaging of prostate J. Futterer, Nijmegen/NL
15:30–15:50	Coffee break
15:50–18:00	Workshops (L.F. Alva Lopez, R. Manfredi, J. Futterer)

Host Organiser



A. López Ortiz
Mexico City/MX

Venue

Crowne Plaza Hotel de México
Dakota No. 95, Colonia Nápoles
Mexico, D.F. 03810
Mexico

Registration fee

US \$ 100

For registration information

please visit
bit.ly/1nq3qMM

LEVEL II

AIMS Mexico

ABDOMINAL ONCOLOGIC IMAGING

April 15, 2016
Monterrey/Mexico

Course information

This seminar is designed for participants from Mexico, in particular last year residents, board-certified radiologists and fellows interested in oncologic imaging. It is articulated on imaging strategies for different oncological clinical conditions and advanced technical considerations. Special focus is given to the latest cross-sectional imaging techniques in the detection, staging and follow-up of lymphomas, liver and pancreatic and prostate tumours, as well as metastases evaluation. Internationally renowned European and Mexican experts ensure a high quality teaching programme, combining lectures and interactive case discussions.

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- to review state-of-the-art imaging approaches in the detection and characterisation of several of these tumours



Programme

ABDOMINAL ONCOLOGIC IMAGING

April 15, 2016
Monterrey/Mexico

Friday, April 15, 2016

08:00-08:45	Registration
08:45-09:00	Welcome and introduction
09:00-09:30	GI tract lymphomas M. Zins, Paris/FR
09:30-10:00	DWI in abdominal oncology N. Kartalis, Stockholm/SE
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Host Organiser



**R. Anguiano
Martínez**
Aguascalientes/MX



**G. Elizondo-
Riojas**
Monterrey/MX

Venue

Hospital Zambrano Hellion
Batallón San Patricio No. 112
Real de San Agustín C.P. 66278
San Pedro Garza García
Nuevo León, Monterrey
Mexico

Registration fee

MEX \$ 1000

**For registration information
please visit**

www.fmri.org.mx/esor-2016/

LEVEL II

Learning Objectives

ABDOMINAL ONCOLOGIC IMAGING

April 13, 2016
Mexico City/Mexico

April 15, 2016
Monterrey/Mexico

GI tract lymphomas

M. Zins, Paris/FR

- to become familiar with the common locations and types of lymphoma affecting the GI tract
- to learn the role of imaging studies, including PET, in the diagnosis, staging and follow-up of lymphomas of the GI tract
- to identify important clinical, pathologic, and imaging features that enable differentiation of the various types of GI lymphoma

DWI in abdominal oncology

N. Kartalis, Stockholm/SE

- to become familiar with the DWI technique in the abdomen
- to learn about the current clinical applications of DWI in abdominal oncology
- to become familiar with promising future applications of DWI in abdominal oncology
- to understand the potential pitfalls of DWI

Focal liver lesions: detection and characterisation

G. Elizondo Riojas, Monterrey/MX

- to know the frequent and not so frequent focal liver lesions
- to review the sensibility, specificity and predictive values of the different imaging modalities in the detection of focal liver lesions
- to understand the role of the different imaging modalities in the characterisation of focal liver diseases

Imaging metastatic disease in the abdomen

L.F. Alva Lopez, Mexico City/MX

- to recognise the different presentation of abdominal cancer
- to learn the best utilisation of diagnostic imaging in evaluating abdominal malignancies
- to recognise the most common malignancies of the abdomen
- to get informed about the utilisation of imaging in follow up of abdominal malignancies

Solid pancreatic tumours: imaging protocols, staging, resectability

R. Manfredi, Verona/IT

- to show the diagnostic imaging findings of pancreatic adenocarcinoma and neuroendocrine neoplasms
- to illustrate diagnostic imaging findings that are helpful in treatment planning
- to show post-treatment response and diagnostic imaging patterns

Multiparametric imaging of prostate

J. Futterer, Nijmegen/NL

- to understand how to perform multiparametric MRI
- to learn about Pi-RADS v2.0, what is new
- to learn how to interpret prostate MR images





LIFE FROM INSIDE



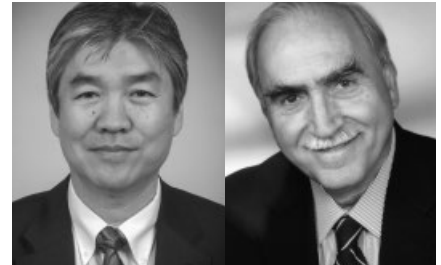
**Cuando la alta
concentración
importa.**







WELCOME TO AIMS KOREA



Dear Colleagues,

The AIMS programme has been set up by ESOR to establish educational links and exchange between ESR and National Radiological Societies outside Europe. As of 2012, the programme has been expanded in Asia to enhance the close partnership with the Korean Society of Radiology (KSR) in the field of radiological education and research. This opened up an added long-term opportunity for scientific collaboration in Radiology between Korea and Europe, through an educational bridge, which is made possible by an unrestricted grant from Bracco. The educational programmes are delivered jointly by highly esteemed Korean lecturers and renowned European speakers in an effort to create additional opportunities in exchanging expertise and enhancing scientific collaboration.

In 2016, it is KSR's great pleasure to welcome the programme with one seminar, dedicated to Advanced Thoracic Imaging, in Seoul/Korea on July 9. This is aimed at board-certified radiologists and specialists. Korean members will have the opportunity to update their knowledge in thoracic imaging and to make a prosperous relationship with ESR/ESOR. The programme consists of lectures and workshops and is limited to a specified number of participants, allowing an interactive character and encouraging informal and free communication between participants and lecturers. KSR greatly appreciates the contributions and efforts by ESOR and its faculty members towards the ESR/KSR relationship. On behalf of KSR and ESOR, we would like to encourage our Korean colleagues to actively participate and benefit from this excellent programme.

Professor Seung Hyup Kim
KSR President

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

LEVEL II+III

AIMS Korea

ADVANCED THORACIC IMAGING

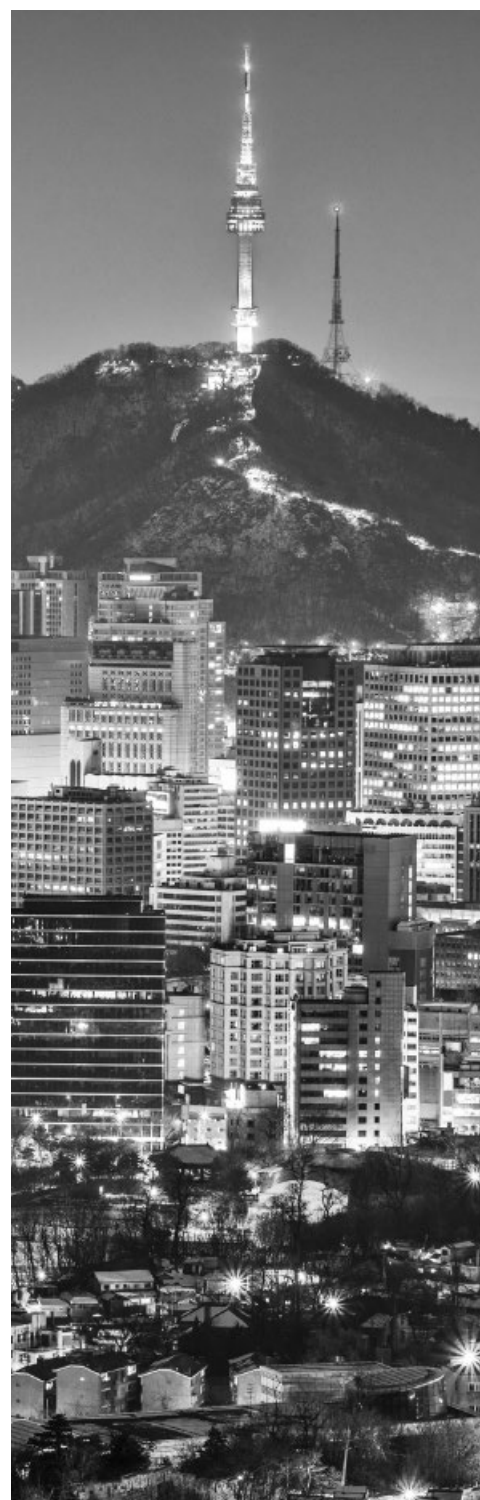
July 9, 2016
Seoul/Korea

Course information

The course is aimed at participants from Korea, in particular last year residents, board-certified radiologists and fellows interested in thoracic imaging. It is designed to update knowledge on state-of-the-art thoracic imaging, including pattern recognition at CT, quantitative CT, thoracic MRI and hybrid imaging. Special focus is given to detection and evaluation of lung cancer, diffuse interstitial and obstructive pulmonary disease (DILD, COPD) as well as pneumonia. Renowned European and Korean experts ensure a high quality teaching programme, combining lectures and interactive case discussions.

Learning objectives

- to refresh knowledge on normal morphology and function of lung and mediastinum as well as typical and atypical patterns of the most frequent diseases
- to become familiar with current best practice indications and imaging findings in screening and classification of lung cancer
- to present an update of current patterns and quantitative approaches to diffuse interstitial and obstructive pulmonary disease



Programme

ADVANCED THORACIC IMAGING

July 9, 2016
Seoul/Korea

Saturday, July 9, 2016

08:00–08:30	Registration
08:30–08:40	Welcome by KSR representative Seung Hyup Kim, Seoul/KR
08:40–08:45	Presentation of programme by local chairman Jai Soung Park, Bucheon/KR
08:45–09:00	Introduction and welcome on behalf of ESR/ESOR
09:00–09:30	Recent updates on idiopathic interstitial pneumonias: UIP and NSIP Suja! Desai, London/UK
09:30–10:00	Recent updates on lung cancer screening in Europe Hans-Ulrich Kauczor, Heidelberg/DE
10:00–10:30	Quantitative imaging of COPD and DILD Joon Beom Seo, Seoul/KR
10:30–10:50	Coffee break
10:50–13:00	Workshops (Suja! Desai, Hans-Ulrich Kauczor, Joon Beom Seo)
13:00–14:00	Lunch break
14:00–14:30	Imaging updates of mediastinal tumours Edwin Van Beek, Edinburgh/UK
14:30–15:00	IASCL/ATE/ERS classification of lung adenocarcinoma: radiologic implications Chang Min Park, Seoul/KR
15:00–15:30	Recent updates on tuberculosis and nontuberculous mycobacterial infection Yeon Joo Jeong, Busan/KR
15:30–15:50	Coffee break
15:50–18:00	Workshops (Edwin Van Beek, Chang Min Park, Yeon Joo Jeong)
18:00	Certificate of attendance

Host Organiser



Jai Soung Park
Bucheon/KR

Venue

Lee Kun-Hee Auditorium
Cancer Research Institute
Seoul National University College
of Medicine
28-2, Yeongeon-dong, Jongno-gu
03080, Seoul
Korea

Registration fee

Korean Society of Radiology
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www.radiology.or.kr/eng (English)

LEVEL II+III

Learning Objectives

ADVANCED THORACIC IMAGING

July 9, 2016
Seoul/Korea

Recent updates on idiopathic interstitial pneumonias: UIP and NSIP

Sujal Desai, London/UK

- to recognise the prognostic importance of the distinction between UIP and non-UIP patterns of interstitial lung disease (including NSIP)
- to understand the identification of honeycombing (and, by implication, its mimics) is a key step in radiological evaluation
- to be aware that 'atypical' presentations of UIP are common
- to learn that CT has a growing and increasingly recognised role in 'staging' and prognostic evaluation of idiopathic interstitial pneumonias

Recent updates on lung cancer screening in Europe

Hans-Ulrich Kauczor, Heidelberg/DE

- to appreciate the results of lung cancer screening trials
- to become familiar with definitions and management of positive screening results and actionable nodules
- to learn about radiological/pathological correlation of lung nodules
- to understand the rationale for minimum requirements and refinements for added value of comprehensive lung cancer screening programmes

Quantitative imaging of COPD and DILD

Joon Beom Seo, Seoul/KR

- to know the current role of CT in clinical practice of COPD and DILD
- to know the early results of clinical research in quantification of emphysema and airway wall inflammation with CT of COPD
- to know several new potential CT techniques in evaluating COPD, such as analysis of peripheral vascular changes, air trapping and others
- to know the early results of computer-based quantification of DILD CT and its applications in new drug trials

Imaging updates of mediastinal tumours

Edwin van Beek, Edinburgh/UK

- to understand the various imaging modalities to assess the mediastinum
- to gain referral insights into the optimal diagnostic strategy for mediastinal disease
- to develop an applied method for performing MRI and PET-CT studies to assess the mediastinum as an adjunct to CT methods

Learning Objectives

ADVANCED THORACIC IMAGING

July 9, 2016
Seoul/Korea

IASCL/ATE/ERS classification of lung adenocarcinoma: radiologic implications

Chang Min Park, Seoul/KR

- to learn about the radio-pathological correlation of pulmonary adenocarcinomas and their pre-invasive lesions as well as the typical CT features of each pathologic category
- to know the differential points between pre-invasive and invasive adenocarcinomas
- to learn the prognostic characteristics and determinants of adenocarcinomas appearing as subsolid nodules
- to be informed about the natural course of subsolid nodules over follow-ups and their influencing features
- to be informed of the state-of-the-art quantitative CT assessment of lung adenocarcinomas

Recent updates on tuberculosis and nontuberculous mycobacterial infection

Yeon Joo Jeong, Busan/KR

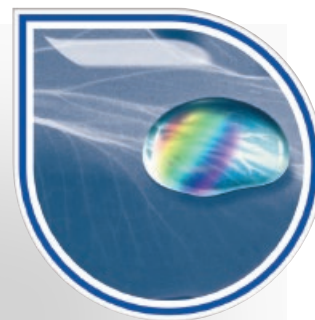
- to describe the radiologic manifestations of pulmonary TB and NTMB infections both in immunocompetent and immunocompromised hosts
- to discuss the efficacy of new imaging modalities to detect pulmonary TB and NTMB infections
- to discuss the importance of accurate and timely diagnosis in guiding proper clinical management of TB & NTMB infections

Bracco

The contrast imaging specialists



The Premium Iodine Concentration Matters



References: 1) Cademartiri F et al. High iodine concentration contrast material for noninvasive multislice computed tomography Coronary Angiography: Iopromide 370 Versus Iomeprol 400. *Inv. Radiol.* 2006;41(3): 349-353. 2) Schoellnast H et al. MDCT angiography of the pulmonary arteries: influence of iodine flow concentration on vessel attenuation and visualization. *AJR.* 2005;184:1935-1939. 3) Marchiano A et al. Does iodine concentration affect the diagnostic efficacy of biphasic spiral CT in patients with hepatocellular carcinoma? *Abdom Imaging.* 2005;30(3):274-80. 4) Hammerstingl et al. in "Multidetector-Row Computed Tomography". Springer 2005. Pag. 49-60. 5) Fenchel S et al. Effect of iodine concentration of contrast media on contrast enhancement in multislice CT of the pancreas. *Br J Radiol.* 2004;77(922):821-30. 6) Romano L et al. Enhancement and safety of iomeprol-400 and iodixanol-320 in patients undergoing abdominal multidetector CT. *BJR.* 2008 Dec. 8 (e-pub ahead of print).

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Shinsung bldg. 732-27 Yeoksam-dong, Gangnam-gu, Seoul, 135-514. Korea, Tel. 82 02 2222 3500, Fax. 82 02 2222 3550

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Committed to You.™







WELCOME TO AIMS BRAZIL



Dear Colleagues,

The AIMS programme has been set up by ESOR to establish educational ties and exchange between ESR and National Radiological Societies outside Europe. As of 2012, the programme has been expanded to include Latin America, aiming at first to create a close partnership with the Brazilian College of Radiology (CBR). This opened up new horizons in bridging radiological communities of Europe and Latin America. The eight programmes implemented so far were rewarding and extremely appreciated, while the perspectives of a long-term educational collaboration between CBR and ESOR/ESR look bright, also due to an unrestricted grant from Bracco.

In 2016 two seminars will be held in Brazil, focusing on Advanced Oncologic Imaging in Abdomen and Thorax. The chosen venues are Salvador and São Paulo. The educational programmes will be delivered jointly by renowned European speakers and esteemed Brazilian lecturers in an effort to create additional opportunities in exchanging expertise and enhancing scientific cooperation. We do hope that such an international cooperation responds to and addresses actual needs, at the same time offering scientific synergies and partnership envisioned to flourish on a larger scale.

On behalf of CBR and ESOR, we would like to encourage colleagues from Brazil and other Latin American countries to actively participate and benefit from an excellent programme.

Doctor Antonio Carlos Matteoni de Athayde
CBR President

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

LEVEL II+III

AIMS Brazil

ADVANCED ONCOLOGIC IMAGING

August 25-26, 2016
São Paulo/Brazil

Course information

The course is aimed at participants from Brazil, in particular last year residents, board-certified radiologists and fellows interested in oncologic imaging. It is designed to provide an in-depth review and an update on the different relevant aspects of imaging in oncologic patients, including solitary lung nodules and cancer, mediastinal masses, liver and pancreatic tumours, small bowel and renal malignancies, and quantitative imaging in oncologic imaging. An outstanding European and Brazilian faculty will highlight jointly the indications, explain the strengths and weaknesses of techniques available and will demonstrate the imaging features for diagnosis and differential diagnosis. Special focus will be given to practical problem solving and the proper use of imaging through case interpretation during interactive workshops.

Learning objectives

- to revisit the indications, limitations and comparative merits of advanced oncologic imaging in a wide range of cancer situations
- to understand the clinical relevance of imaging findings to patients' management and treatment response evaluation in such conditions
- to update knowledge on the complementary roles of quantitative and anatomical imaging in abdominal malignancies



Programme

ADVANCED ONCOLOGIC IMAGING

August 25-26, 2016
São Paulo/Brazil

Thursday, August 25, 2016

08:00-08:45	Registration
08:45-09:00	Welcome and introduction
09:00-09:30	Characterisation and management of solitary pulmonary nodules M. Prokop, Nijmegen/NL
09:30-10:00	Multimodality imaging and staging of lung cancer C. Schaefer-Prokop, Amersfoort/NL
10:00-10:30	New insights into imaging and characterisation of mediastinal masses A. Soares Souza Jr., São José do Rio Preto/BR
10:30-10:50	Coffee break
10:50-13:00	Workshops (M. Prokop, C. Schaefer-Prokop, A. Soares Souza Jr.)
13:00-14:00	Lunch break
14:00-14:30	Quantitative MRI in abdominal oncology L. Marti-Bonmati, Valencia/ES
14:30-15:00	CT/MR of HCC before, during and after treatment F. Caseiro Alves, Coimbra/PT
15:00-15:30	Imaging of cystic pancreatic tumours C. Matos, Lisbon/PT
15:30-15:50	Coffee break
15:50-18:00	Workshops (L. Marti-Bonmati, F. Caseiro Alves, C. Matos)

Host Organisers



**A. Soares
Souza**
São Paulo/BR



**L. Costa
Belo**
Horizonte/BR

Venue

Hotel Golden Tulip Paulista Plaza
Alameda Santos, 85
01419-000 São Paulo
Brazil

Registration fee

Early fee
ESR/CBR Members: R\$ 490
(until June 10, 2016)

Late fee
ESR/CBR Members: R\$ 577
Non members: R\$ 735
(until August 25, 2016)

On-site fee
ESR/CBR Members: R\$ 630
Non members: R\$ 840

**For registration information
please visit**

www.cursoesor.com.br

Friday, August 26, 2016

09:00-09:30	Imaging criteria in staging and resectability of pancreatic cancer G. D'Ippolito, São Paulo/BR
09:30-10:00	Most common primary malignancies of the small bowel: challenges in depiction and characterisation using radiologic/pathologic correlations N. Gourtsoyiannis, Athens/GR
10:00-10:30	CT and MRI of renal tumours: pearls and pitfalls R. Chojniak, São Paulo/BR
10:30-10:50	Coffee break
10:50-13:00	Workshops (G. D'Ippolito, N. Gourtsoyiannis, R. Chojniak)
13:00	Certificate of attendance

LEVEL II+III

AIMS Brazil

ADVANCED ONCOLOGIC IMAGING

August 27-28, 2016
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Course information

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- to update knowledge on the complementary roles of quantitative and anatomical imaging in abdominal malignancies



Programme

ADVANCED ONCOLOGIC IMAGING

August 27-28, 2016
Salvador/Brazil

Saturday, August 27, 2016

08:00-08:45	Registration
08:45-09:00	Welcome and introduction
09:00-09:30	Characterisation and management of solitary pulmonary nodules M. Prokop, Nijmegen/NL
09:30-10:00	Multimodality imaging and staging of lung cancer C. Schaefer-Prokop, Amersfoort/NL
10:00-10:30	New insights into imaging and characterisation of mediastinal masses A. Soares Souza Jr., São José do Rio Preto/BR
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15:50-18:00	Workshops (L. Marti-Bonmati, F. Caseiro Alves, C. Matos)

Host Organisers



**A. Matteoni
de Athayde**
Salvador/BR



L. Costa
Belo Horizonte/BR

Venue

Hotel Vila Galé Salvador
Rua Morro Escravo Miguel, 320
40170-000 Salvador
Brazil

Registration fee

Early fee
ESR/CBR Members: R\$ 490
(until June 10, 2016)

Late fee
ESR/CBR Members: R\$ 577
Non members: R\$ 735
(until August 25, 2016)

On-site fee
ESR/CBR Members: R\$ 630
Non members: R\$ 840

**For registration information
please visit**

www.cursosesor.com.br

Sunday, August 28, 2016

09:00-09:30	Imaging criteria in staging and resectability of pancreatic cancer G. D'Ippolito, São Paulo/BR
09:30-10:00	Most common primary malignancies of the small bowel: challenges in depiction and characterisation using radiologic/pathologic correlations N. Gourtsoyiannis, Athens/GR
10:00-10:30	CT and MRI of renal tumours: pearls and pitfalls R. Chojniak, São Paulo/BR
10:30-10:50	Coffee break
10:50-13:00	Workshops (G. D'Ippolito, N. Gourtsoyiannis, R. Chojniak)
13:00	Certificate of attendance

LEVEL II+III

Learning Objectives

ADVANCED ONCOLOGIC IMAGING

August 25–26, 2016
São Paulo/Brazil

August 27–28, 2016
Salvador/Brazil

Characterisation and management of solitary pulmonary nodules

M. Prokop, Nijmegen/NL

- to understand the basic considerations of current management principles for pulmonary nodules
- to learn how nodule risk can be estimated from CT characteristics
- to understand why solid and subsolid nodules need to be managed differently
- to learn about the various management recommendations for pulmonary nodules and when to use them

Multimodality imaging and staging of lung cancer

C. Schaefer-Prokop, Amersfoort/NL

- to get an update of lung cancer staging including the 8th TNM staging to be published in 2016
- to learn about the relative roles of CT and PET-CT for staging of lung cancer
- to learn about the additional value of perfusion imaging
- to get an update what to consider when staging lung cancer treated with modern immune-modulating therapies

New insights into imaging and characterisation of mediastinal masses

A. Soares Souza Jr., São José do Rio Preto/BR

- to consolidate the knowledge on more common mediastinal malignancies
- to learn about imaging multimodality approaches in mediastinal tumours
- to emphasise the importance of integrative work with other clinicians

Quantitative MRI in abdominal oncology

L. Marti-Bonmati, Valencia/ES

- to recognise the basic hallmarks associated to cancer development and extension
- to understand how different imaging biomarkers may generate quantitative nosologic images expressing relevant biopathological mechanisms in abdominal tumours
- to describe the multidimensionality problem and confounding variables of different imaging biomarkers
- to analyse the different data reduction developments, including validation, qualification and standardisation procedures

CT/MR of HCC before, during and after treatment

F. Caseiro Alves, Coimbra/PT

- to explain the steps of carcinogenesis and its impact on CT/MR imaging
- to learn the diagnostic criteria and current guidelines for patient management
- to discuss the role of functional imaging (perfusion and cell-directed contrast agents)
- to explain how to evaluate tumour response after minimally invasive therapy

Learning Objectives

ADVANCED ONCOLOGIC IMAGING

August 25–26, 2016
São Paulo/Brazil

August 27–28, 2016
Salvador/Brazil

Imaging of cystic pancreatic tumours

C. Matos, Lisbon/PT

- to describe the main imaging features of cystic lesions of the pancreas
- to define the differential diagnosis of cystic lesions of the pancreas with the emphasis on imaging signs of malignancy
- to explain when imaging findings indicate surgical management

Imaging criteria in staging and resectability of pancreatic cancer

G. D'ippolito, São Paulo/BR

- to review the main imaging diagnostic criteria for pancreatic adenocarcinoma
- to present the advances, advantages and limits of CT, EUS and MRI on the diagnostic and staging of pancreatic adenocarcinoma
- to provide a complete, pertinent and useful reporting of disease staging

Most common primary malignancies of the small bowel: challenges in depiction and characterisation using radiologic/pathologic correlations

N. Gourtsoyannis, Athens/GR

- to review epidemiology, clinical presentation and pathology of the most common primary malignancies of the small bowel, including adenocarcinoma, lymphoma and carcinoid
- to describe the imaging features of each of those neoplasms, using all applicable imaging modalities and discuss a differential diagnosis
- to provide a pathology-based understanding of the most important findings

CT and MRI of renal tumours: pearls and pitfalls

R. Chojniak, São Paulo/BR

- to overview imaging findings of various incidental renal tumours
- to discuss differential points to help discriminate between RCC and other renal tumours
- to review the role of imaging in the current treatment options for RCC



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