



**Determinazione del Responsabile Ufficio Formazione n° 1070 del 10 GIU. 2016**

**Oggetto: Aggiornamento senza oneri, Dirigente Medico, Dott. Argiolas Giovanni Maria.**

Publicata all'Albo Pretorio dell'Azienda Ospedaliera a partire dal 10 GIU. 2016 per 15 giorni consecutivi e posta a disposizione per la consultazione.

**Il Responsabile Ufficio Formazione**

- Visto** il D. Lgs. n. 502/92 e successive modificazioni ed integrazioni;
- Viste** le Leggi Regionali n. 10/2006 e n. 05/2007;
- Vista** la Deliberazione n. 263 del 04.03.2015, con la quale il Commissario Straordinario ha autorizzato il Responsabile dell'Ufficio Formazione Dott. Andrea Corrias, a predisporre le Determinazioni;
- Vista** la comunicazione Prot. n° 9951 del 05.05.2016 con la quale la Ditta Bracco Imaging Italia si è resa disponibile ad invitare un Dirigente Medico al Corso "ESGAR" che si terrà a Praga dal 14 giugno al 17 giugno 2016;
- Considerato** che il Direttore della S.C. di Radiologia ha autorizzato a partecipare al suddetto Corso il Dott. Argiolas Giovanni Maria;
- Atteso** che il Responsabile dell'Ufficio Formazione ha espresso parere favorevole in merito;
- Ritenuto** di dover autorizzare la partecipazione del Dott. Argiolas Giovanni Maria al Corso "ESGAR" che si terrà a Praga dal 14 giugno al 17 giugno 2016; di dover prendere atto che le spese di viaggio e soggiorno, saranno totalmente a carico della Ditta Bracco;

**DETERMINA**

Per i motivi esposti in premessa:

1. Autorizzare la partecipazione del Dott. Argiolas Giovanni Maria al Corso "ESGAR" che si terrà a Praga dal 14 giugno al 17 giugno 2016.
2. Dare atto che le spese di viaggio e soggiorno saranno totalmente a carico della Ditta Bracco.
3. Trasmettere la presente determinazione al Direttore della S.C. del Personale per gli adempimenti normativi di competenza.

Il Responsabile dell'Ufficio Formazione

Dott. Andrea Corrias

Rapp invio fax

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AO BROTTU  
PG/2016/ 0009951 del 05/05/2016 ore 12,30  
Milano : CC Radiologia  
Assegnato Ufficio Formazione  
Classifica 1 Fascicolo : 1 del 2016

Spett.le  
Direzione Generale  
AZIENDA OSPEDALIERA BROTTU  
direzionegenerale@aobrottu.it

Milano 26 Aprile 2016.

Con la presente segnaliamo la disponibilità di Bracco Imaging Italia a supportare le spese di partecipazione di un medico radiologo della Radiologia dell'Azienda Ospedaliera Brottu al corso "ESGAR", che si terrà a Praga il 14-17 Giugno 2016, per il quale abbiamo chiesto autorizzazione all'AIFA. Confidiamo nella positiva valutazione di questa offerta che è unicamente finalizzata a favorire l'aggiornamento scientifico e professionale nel settore tema della manifestazione. Cogliamo l'occasione per inviare cordiali saluti.

Bracco Imaging Italia srl  
Country Manager

CAGLIARI

Si ponesse d. G.M. *Giovanni Nanni*

AZIENDA OSPEDALIERA G. BROTTU  
UFFICIO FORMAZIONE

AZIENDA OSPEDALIERA G. BROTTU  
UFFICIO di RADIOLOGIA  
Direttore Dott. Grazia Bitti

Bracco Imaging Italia s.r.l.

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www.braccoimaging.com - capitale sociale € 10.000.000 I.V. - Cod. fisc. partita IVA reg. imp. di Milano 05501420961 - REA n. 1826510

Società con unico socio soggetto all'attività di direzione e coordinamento della Bracco Imaging S.p.A.



Bracco Group



LIFE FROM INSIDE

AO BROTZU

PG/2016/ 0009951 del 05/05/2016 ore 12,30

Mittente SC Radiologia

Assegnatario Ufficio Formazione

Classifica : 1 Fascicolo : 1 del 2016



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AZIENDA OSPEDALIERA BROTZU  
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CAGLIARI

Si preme il dr. G.M. Xingios

AZIENDA OSPEDALIERA G. BROTZU  
UFFICIO FORMAZIONE

AZIENDA OSPEDALIERA "G. BROTZU"  
DIAGNOSTICA PER IMMAGINE di RADIOLOGIA  
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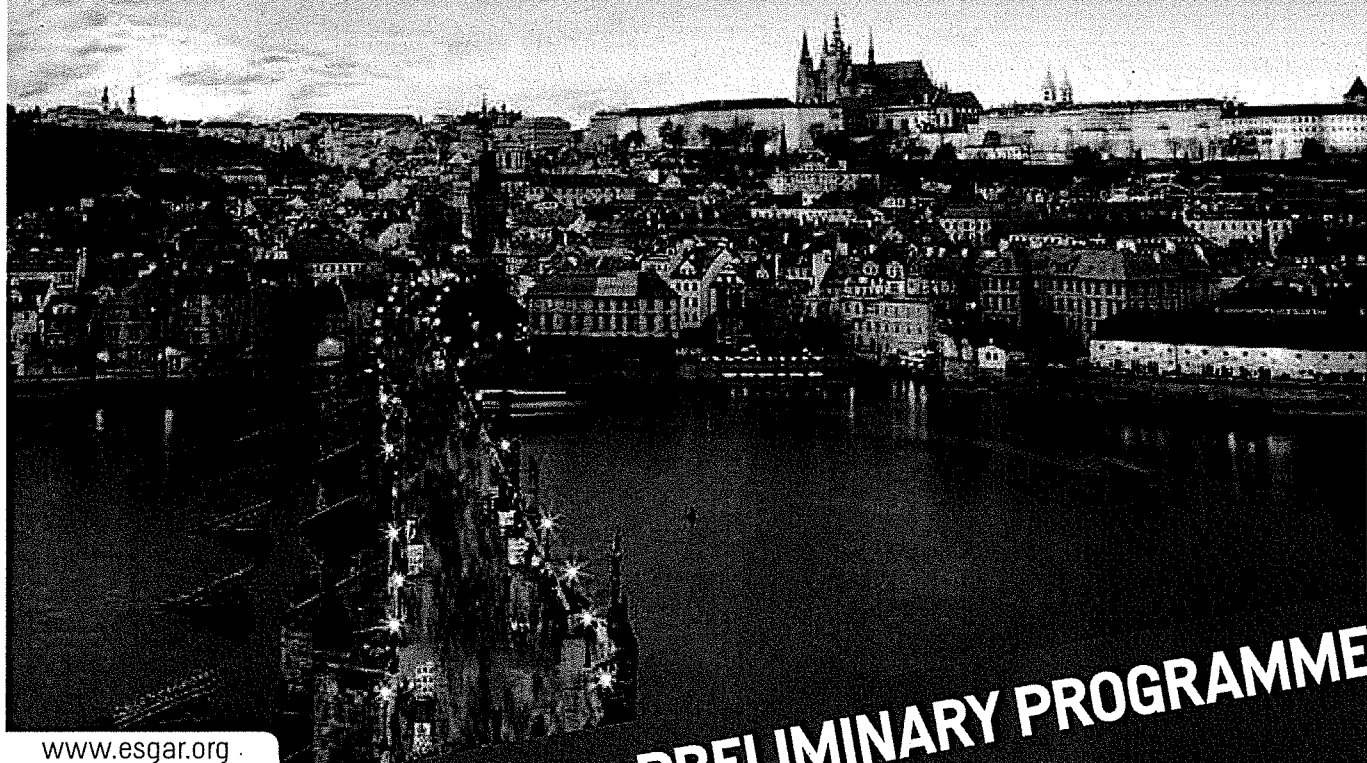
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JUNE 14-17  
**ESGAR 2016**  
PRAGUE  
CZECH REPUBLIC



European  
Society  
of Gastrointestinal  
and Abdominal  
Radiology



[www.esgar.org](http://www.esgar.org)

**PRELIMINARY PROGRAMME**

# PROGRAMME OVERVIEW

Date / Time	Tuesday, June 14	Wednesday, June 15		
08:00 – 08:15				
08:15 – 08:30				
08:30 – 08:45	PG 1 Session 1	School of ESGAR 1 + 2		
08:45 – 09:00			Workshops 1 – 8	
09:00 – 09:15				Lecture Sessions 1 + 2 Interventional Session 1 Research Centre 1
09:15 – 09:30				
09:30 – 09:45				
09:45 – 10:00				
10:00 – 10:15				
10:15 – 10:30	PG 2 Session 1	Scientific Sessions		
10:30 – 10:45			Professional Challenge Session	
10:45 – 11:00				CEUS Training Centre
11:00 – 11:15				
11:15 – 11:30				
11:30 – 11:45				
11:45 – 12:00	PG 1 Session 2	PG 2 Session 2		
12:00 – 12:15			Lunch Symposia	
12:15 – 12:30				Workshop 9
12:30 – 12:45				
12:45 – 13:00				
13:00 – 13:15	Lunch Symposia	Workshop 9		
13:15 – 13:30				
13:30 – 13:45				
13:45 – 14:00				
14:00 – 14:15	PG 1 Session 3	School of ESGAR 3 + 4		
14:15 – 14:30			Workshops 10 – 13	
14:30 – 14:45				Lecture Sessions 3 + 4 Interventional Session 2
14:45 – 15:00				
15:00 – 15:15				
15:15 – 15:30				
15:30 – 15:45				
15:45 – 16:00	PG 1 Session 4	ESGAR Lecture		
16:00 – 16:15			CEUS Training Centre	
16:15 – 16:30				
16:30 – 16:45				
16:45 – 17:00				
17:00 – 17:15	Opening of ESGAR 2016	Clinical Files 1		
17:15 – 17:30				
17:30 – 17:45				
17:45 – 18:00				
18:00 – 18:15				
18:15 – 18:30				

Thursday, June 16		Friday, June 17		Date /Time
Lecture Sessions 5 + 6 Interventional Session 3 Research Centre 2	School of ESGAR 5 + 6 Workshops 14 - 21	CEUS Training Centre	School of ESGAR 9 Workshops 27 - 36	08:00 - 08:15
				08:15 - 08:30
				08:30 - 08:45
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Scientific Sessions	CEUS Training Centre	Scientific Sessions		10:30 - 10:45
				10:45 - 11:00
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Lunch Symposia	Workshop 22			13:00 - 13:15
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Lecture Sessions 7 + 8 Interventional Session 4	School of ESGAR 7 + 8 Workshops 23 - 26	CEUS Training Centre	ASAR Lecture	15:30 - 15:45
				15:45 - 16:00
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SAR Lecture	CEUS Training Centre		Foundation Course 1	18:00 - 18:15
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Clinical Files 2			Foundation Course 2	20:30 - 20:45
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				22:45 - 23:00

COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

08:30 – 10:00 PG 1.1 **Abdominal pain**

Moderators: C. Matos, Lisbon/PT; V. Valek, Brno/CZ

#LVL  
I-III

08:30

**Clinical Case presentation**

C. Matos, Lisbon/PT

08:40

**Abdominal pain – suspected bowel inflammation**

J. Stoker, Amsterdam/NL

Learning objectives: To learn an effective imaging strategy, including the use of US, CT and MRI. To reach an accurate diagnosis and optimise radiation dose in patients with acute abdominal pain and suspected inflammation. To understand the typical and atypical imaging features of appendicitis, colonic diverticulitis using different imaging modalities.

09:00

**Abdominal pain – suspected bowel obstruction**

P. Taourel, Montpellier/FR

Learning objectives: To learn an effective imaging strategy and to apply the most appropriate CT protocol to establish an accurate diagnosis in patients with suspicion of bowel obstruction. To understand the typical and atypical imaging features of the most common causes of small and large bowel obstruction with emphasis on specific signs related to strangulation.

09:20

**Abdominal pain – suspected bowel ischaemia**

G.H. Mostbeck, Vienna/AT

Learning objectives: To learn an effective imaging strategy, including the use of multienergy CT, to establish an accurate diagnosis in patients with clinical suspicion of mesenteric ischaemia. To understand the imaging features of acute arterial, venous and non-occlusive mesenteric ischaemia. To know alternative diagnoses and specify a strategy for patient management.

09:40

**Comments on the clinical cases**

C. Matos, Lisbon/PT

COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

10:30 – 12:00 PG 1.2 Abdominal trauma

Moderators: B. Marincek, Cleveland, OH/US; B. Song, Chengdu/CN

#LVL  
I-III

10:30

**Clinical cases presentation**

B. Marincek, Cleveland, OH/US

10:40

**Challenges for radiologists**

A. Palkó, Szeged/HU

Learning objectives: To become familiar with the principles of clinical triage and know its influence on imaging algorithms used in patients with blunt and penetrating abdominal injuries. To learn about the most appropriate imaging techniques and to appraise the role of various CT protocols.

11:00

**Solid organs**

M. Scaglione, London/UK

Learning objectives: To understand imaging findings in patients with important injuries resulting from blunt abdominal trauma that involve solid organs (liver, spleen and pancreas) with emphasis on subtle findings. To learn the significance of CT findings for planning appropriate patient management in patients with liver or splenic lacerations.

11:20

**Hollow abdominal viscera**

C. Kalogeropoulou, Patras/GR

Learning objectives: To understand direct and indirect imaging findings of injuries to the gastrointestinal tract after blunt or penetrating trauma with emphasis on subtle findings. To differentiate intraperitoneal versus extra-peritoneal hollow organ rupture and its specific imaging findings.

11:40

**Comments on the clinical cases**

B. Marincek, Cleveland, OH/US



COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

14:00 – 15:00 PG 1.3 **Non-traumatic gastrointestinal bleeding**

Moderators: O. Akhan, Ankara/TR; T. Helmberger, Munich/DE

#LVL  
I-III

14:00

**Clinical case presentation**

T. Helmberger, Munich/DE

14:05

**The many faces of GI bleeding – when is radiology needed?**

A. Filippone, Chieti/IT

Learning objectives: To learn an effective imaging strategy to establish an accurate and early diagnosis in patients with acute GI bleeding. To become familiar with the CT protocols used and to understand the main imaging findings in patients with acute upper and lower GI bleeding.

14:30

**How to treat GI bleeding?**

S. Jackson, Plymouth/UK

Learning objectives: To be familiar with the role of diagnostic and therapeutic angiography in patients with acute GI bleeding and appraise the place of interventional radiology in treatment strategy. To understand state-of-the-art embolisation techniques in both traumatic and non-traumatic GI bleeding.

14:55

**Comments on the clinical case**

T. Helmberger, Munich/DE

## COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### 15:45 – 17:15 PG 1.4 Imaging of incidentalomas

Moderators: J.M. Lee, Seoul/KR; Y. Menu, Paris/FR

#LVL  
I-III

15:45

#### **Clinical cases presentation**

Y. Menu, Paris/FR

15:55

#### **Hepatic incidentaloma**

F. Caseiro Alves, Coimbra/PT

Learning objectives: To understand the most common incidental hepatic lesions found when using US, CT and MR with emphasis on benign lesions that simulate malignancy. To be familiar with imaging strategies and appropriate management of such "lesions" in both oncology and non-oncology patients.

16:15

#### **Pancreatic incidentaloma**

R. Manfredi, Verona/IT

Learning objectives: To be informed about the most common incidental pancreatic lesions found when using US, CT or MR with emphasis on normal variants that simulate disease. To know how to report incidental lesions found in the pancreas on imaging. To understand the appropriate use of management and to become familiar with the best imaging methods for patient follow-up.

16:35

#### **Gastrointestinal and mesenteric incidentalomas**

D. Tolan, Leeds/UK

Learning objectives: To understand the most common incidental lesions of the GI tract and mesentery found when using different imaging modalities with emphasis on benign lesions that simulate malignancy. To be familiar with the typical appearance of mesenteric panniculitis and to discuss the differential diagnosis. To know how to report incidental imaging findings in the GI tract and mesentery and to learn appropriate management.

16:55

#### **Comments on the clinical cases**

Y. Menu, Paris/FR

COLORECTAL ONCOLOGIC IMAGING

09:00 – 10:30 PG 2.1 **Rectal cancer: how imaging influences local treatment and outcome – a multidisciplinary team approach**

#LVL  
I-III

Moderator: R.G.H. Beets-Tan, Amsterdam/NL

09:00

**Rectal cancer treatment – what the surgeon needs to know**

G.L. Beets, Amsterdam/NL

Learning objectives: To learn about the surgical options available to treat rectal tumours in 2016. To understand the surgical options for advanced rectal cancer after chemoradiotherapy. To learn about organ preserving treatment in patients with complete tumour response after chemoradiotherapy. To be informed about the critical role of precise selection and follow-up of these patients.

09:20

**Poor response to neoadjuvant therapy: imaging features**

D. Burling, Harrow/UK

Learning objectives: To understand the MRI features that indicate locally advanced disease. To know which pre-operative imaging features predict a successful surgical outcome in patients with locally advanced disease and to learn findings associated with a poor outcome.

09:32

**Good response to neoadjuvant therapy: imaging features**

L. Curvo Semedo, Coimbra/PT

Learning objectives: To learn about the performance of DWI MRI for the assessment of good and complete response to chemoradiotherapy. To understand the MRI features of complete response.

09:44

**Multidisciplinary discussion**

## COLORECTAL ONCOLOGIC IMAGING

### 11:00 – 12:30 PG 2.2 Colorectal cancer: staging, monitoring & surveillance – a multidisciplinary team approach

#LVL  
I-III

Moderator: L. Blomqvist, Stockholm/SE

11:00

#### Staging distant disease & its surveillance

M. Gollub, New York, NY/US

Learning objectives: To compare the accuracy of US, CT, MRI and PET/CT in the detection of CRC liver and distant metastases. To understand the most appropriate follow-up protocols after colorectal cancer surgery and the role of imaging for the detection of recurrent disease during the surveillance.

11:25

#### Imaging after non-surgical treatment of liver metastases

V. Vilgrain, Clichy/FR

Learning objectives: To compare the accuracy of CT, PET CT and MR for assessment of response to chemotherapy in patients with liver metastases scheduled for surgical resection. To understand the accuracy of CT, PET CT and MR for assessment of response after minimal invasive treatment (RFA, TACE). To discuss whether imaging biomarkers can be used to evaluate treatment response.

11:50

#### Colorectal liver metastases – what is treatable in 2016? Case-based discussion

##### Panellists:

T. Helmberger, Munich/DE

M. Ryska, Prague/CZ

V. Vilgrain, Clichy/FR

R. Vyzula, Brno/CZ

Learning objectives: To be informed about the resectable versus unresectable disease. To understand the role of imaging in patient selection. To compare different therapeutic options.

# WEDNESDAY, JUNE 15, 2016

## LECTURE SESSION (LS)

### 09:00 – 10:30 LS 2 Female pelvic floor disorders guideline

Moderators: H. Thoeny, Bern/CH; J. Lupescu, Bucharest/RO

#LVL  
I-III

09:00

#### **Pelvic floor disorders: history-guided diagnosis and therapy**

S.A. Taylor, London/UK

Learning objectives: To understand the range of female pelvic floor disorders, with emphasis on the importance of obtaining an accurate patient medical history. To learn about the different medical and surgical therapies and their clinical indications.

09:30

#### **Functional anatomy of the female pelvic floor in the radiological setting**

F. Maccioni, Rome/IT

Learning objectives: To learn about the main functional anatomic landmarks in the radiological evaluation of female pelvic floor, with emphasis on the ano-rectum.

10:00

#### **ESGAR/ESUR guideline: standardised imaging and reporting of pelvic floor disorders using MRI (STIRP)**

D. Weishaupt, Zurich/CH

Learning objectives: To understand the ESGAR/ESUR guideline. To learn how to use structured reporting methods for MRI of the pelvic floor in clinical practice.

**14:30 – 16:00 LS 3 Imaging small bowel obstruction and its complications**

Moderators: R.A. Frost, Salisbury/UK; N. Gourtsoyannis, Athens/GR

#LVL  
II

**14:30 Imaging features and their significance**

M. Zins, Paris/FR

Learning objectives: To understand CT imaging protocols used in the detection of small bowel obstruction and to illustrate the relevant imaging findings. To learn about the prognostic significance of key imaging findings. To discuss the complications of small bowel obstruction.

**15:00 Uncommon aetiologies not to be missed**

A. Blachar, Tel Aviv/IL

Learning objectives: To discuss important, rare causes of small bowel obstruction, including internal hernias, obturator hernias and small bowel tumours. To learn how to make an accurate diagnosis.

**15:30 Post-operative small bowel dilatation**

A. Phillips, Bath/UK

Learning objectives: To know how to differentiate between functional and early mechanical obstruction. To understand the use of Gastrografin® follow-through in the diagnosis and treatment of post-operative ileus/obstruction.

**16:30 – 17:00 HL 1 ESGAR Honorary Lecture**

Moderator: C. Matos, Lisbon/PT

**Hope or hype: the use of hybrid imaging in abdominal pathology**

E. Rummeny, Munich/DE

**17:00 – 18:00 PS 2 Clinical Files 1: Pancreatic and biliary cases**

Moderator: E. Merkle, Basel/CH

**Panellists:**

M. Bali, Brussels/BE

M. D'Onofrio, Verona/IT

A. Schreyer, Regensburg/DE

#LVL  
**I-III**

09:00 – 10:30 IR 3 **Evidenced based guidelines for IR in colorectal liver metastases: what is missing?**

#LVL  
III

Moderators: P. Bize, Lausanne/CH; J. Tomášek, Brno/CZ

09:00 **Small volume liver metastases: IR versus surgery**

L. Crocetti, Pisa/IT

Learning objectives: To become familiar with the evidence for the role of interventional radiology in patients with small volume liver metastases and implications of the CLOCC trial. To learn the role of surgery and when surgery rather than IR is indicated. To understand the limitations in the current literature with regard to the efficacy of each technique.

09:25 **Role of IR transarterial therapies**

H.J. Jeon, Seoul/KR

Learning objectives: To understand the different concepts of the various transarterial therapies (i.e. chemoperfusion +/- flow modification, chemoembolisation with DEB). To be familiar with the evidence for the role of transarterial therapies in patients with colorectal liver metastases. To learn about the limitations in the current literature with regard to the efficacy of the techniques.

09:50 **Advanced metastatic liver disease: rationale for radioembolisation**

R. Seidensticker, Magdeburg/DE

Learning objectives: To understand the evidence for the emerging role of radioembolisation techniques in patients with advanced metastatic liver disease and implications of the SIRFLOX trial. To know how these techniques compare to alternative forms of treatment. To learn about the limitations in the current literature with regard to the efficacy of radioembolisation in this group of patients.

10:15 **Moderator summary and discussion**

P. Bize, Lausanne/CH

09:00 – 10:30 RC 2 **How to write a research paper – from failure to success**

#LVL  
II

B. Van Beers, Clichy/FR; M. Ronot, Clichy/FR

Learning objectives: To know how to improve an original research paper with poor design and methodology into a successful one. To develop a step-by-step approach, constructed as a dialogue, from the proof of concept to measurements and biases. The presenters will propose a checklist summarising the items considered.



14:30 – 16:00 **LS 7 MR imaging of ovarian and cervical tumours – present and future role (joint session with ESUR)**

Moderators: C. Matos, Lisbon/PT; H. Thoeny, Bern/CH

#LVL  
III



14:30 **Complex cystic adnexal masses – the role of MRI**

C. Balleyguier, Villejuif/FR

Learning objectives: To understand the role of MRI in differentiating benign and malignant complex cystic adnexal masses. To be informed about the ADNEX-MRI scores. To learn the additional value of MR imaging biomarkers (perfusion and diffusion MRI).

14:52 **Whole body MRI for distant staging – advanced stage ovarian cancer**

V. Vandecaveye, Leuven/BE

Learning objectives: To understand a suitable protocol for whole body MRI for distant staging, including acquisition sequences, acquisition planes, the role of contrast media and technical requirements. To become familiar with the role of MRI for staging disease (peritoneal and distant metastases). To learn the accuracy of whole body MR imaging as compared with other methods including CT and PET. To discuss the potential role of MRI in the early assessment of treatment response and its impact on decision making in relation to respectability.

15:14 **Cervical tumours – the role of MRI**

M. Milagros Otero-García, Santiago de Compostela/ES

Learning objectives: To become familiar with the FIGO classification and its impact on management. To understand MRI findings in patients with cervical cancer and to know how MRI helps in local staging. To learn the role of MRI in the evaluation of treatment response.

15:36 **Imaging of nodal spread in pelvic malignancies**

D. Koh, Sutton/UK

Learning objectives: To understand how nodal involvement impacts on the treatment of pelvic malignancies. To learn about the accuracy, limitations and future potential of CT, MRI and PET/CT for nodal staging in patients with pelvic malignancies.

09:00 – 10:30 IR 5 Video case session

Moderators: T. Helmberger, Munich/DE; S. Jackson, Plymouth/UK

#LVL  
III

09:00

**Portal vein embolisation**

P. Bize, Lausanne/CH

Learning objectives: To learn about the optimal access route, ipsilateral versus contralateral approach, conscious sedation versus general anesthesia, optimal portal vein embolisation technique as well as tips and tricks for success.

09:20

**DEB TACE for HCC**

M. Burrel, Barcelona/ES

Learning objectives: To understand standard angiographic technique, detection of feeding vessels, preparation of embolic agent, technique for drug delivery, pitfalls and tips and tricks for success. To learn how to assess endpoints. To be informed about patient monitoring.

09:40

**Percutaneous biliary drainage in Hilar obstruction**

H.-U. Laasch, Manchester/UK

Learning objectives: To understand specific indications, types of stent, access routes, blind versus US guided puncture, technique of wire guidance, placing the tube, pitfalls and follow-up.

10:00

**Percutaneous biopsy**

A. Hatzidakis, Heraklion/GR

Learning objectives: To learn about patient preparation, access routes, tips and tricks for safe technique, patient follow-up and potential complications.

10:20

**Discussion**

**13:30 – 14:00 HL 3 ASAR Honorary Lecture**

Moderator: C. Matos, Lisbon/PT

**Cancer stem cells in primary liver cancers: pathological concepts and imaging findings**

J.M. Lee, Seoul/KR

**14:00 – 15:00 PS 4 Foundation Course 1: Radiology-pathologic correlation – pancreas**

#LVL  
II

Moderators: P. Boraschi, Pisa/IT; D.F. Martin, Manchester/UK

14:00

**Cystic pancreatic neoplasms**

C. Triantopoulou, Athens/GR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating cystic pancreatic neoplasms. To understand specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with the pathologic diagnosis.

14:30

**Solid pancreatic neoplasms**

K.J. Mortelé, Boston, MA/US; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating solid pancreatic tumours. To understand specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with the pathologic diagnosis.

**15:00 – 16:00 PS 5 Foundation Course 2: Radiology-pathologic correlation – bile ducts**

#LVL  
II

Moderators: J.A. Guthrie, Leeds/UK; O. Matsui, Kanazawa/JP

15:00

**Chronic inflammatory cholangitis**

M. Ronot, Clichy/FR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating chronic inflammatory bile duct pathologies. To understand the specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with pathologic diagnosis.

15:30

**Cholangiocarcinoma**

S.Y. Kim, Seoul/KR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating suspected cholangiocarcinoma. To understand the specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with pathologic diagnosis.