ESGAR
VIRTUAL MEETING
2021
June 15-18

PROGRAMME

let’s stay...
#amazing
# ESGAR 2021 Programme

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## CME

The "ESGAR European Society of Gastrointestinal and Abdominal Radiology" (or) "ESGAR 2021 – 32nd Annual Meeting and Postgraduate Course" is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. The ESGAR 32nd Annual Meeting and Postgraduate Course, the 2nd Virtual Meeting, 15/06/2021 - 18/06/2021 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 27 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credits that he/she actually spent in the educational activity.

let’s stay... #informed
INVITATION LETTER

Dear colleagues,

We are all going through difficult times that affect each and every area of life and although social distancing, quarantines, and lockdowns have somehow become part of our daily lives and routines, still we all long to be together and connected. Nevertheless, what matters most, is to stay healthy and safe, and therefore, the ESGAR Executive Committee decided to organise a Virtual Meeting also in 2021.

Whether face-to-face or online, ESGAR, the largest Society in Abdominal and GI Radiology worldwide, offers quality and excellence in education and I am happy to welcome you to the 32nd ESGAR Annual Meeting and 2nd Virtual Congress. This Virtual ESGAR Meeting offers the traditional structure and high-quality programme, brought directly into your home via the ESGAR streaming platform.

The Postgraduate Course in 2021 deals with “Consensus and controversies in imaging of liver and pancreas” and is delivered in a plenary format on Tuesday, June 15. On the following days, three parallel live streaming channels provide you with Lecture Sessions, Tutorials, Research Tutorials, School of ESGAR sessions, and Anatomy e-tutorials prepared by Young ESGAR. There are highlighted Plenary Sessions each day and we look forward to presenting these to you in an entertaining, interactive way. All sessions cover a wide spectrum of topics, such as Colon Cancer, Liver Cirrhosis, Radiomics, Acute Abdomen, Abdominal Protocols, Hybrid Imaging, and whole-body MRI in GI cancer and Artificial Intelligence. The sessions include ample time for Q&A to enhance the learning experience.

I am proud to announce a new feature for this 2nd Virtual Meeting, which are small classroom live case discussion sessions in the early morning and late evening with some of the most renowned ESGAR experts in the field.

Don’t miss this unique opportunity to meet and discuss with them! 30 minutes before the start of each Live Case discussion, you can enroll for the respective class under “Live Cases” in the menu on the Congress Platform.

I also would like to take this opportunity to thank all the authors who have submitted their research work for presentation. The best scientific papers are streamed and discussed live during the congress.

The programme is brought to you from 07:00 – 20:00 hrs to serve as many time zones as possible for our members and colleagues from around the world. All live-streamed content will be made available on demand immediately after the congress.

I would like to express my gratitude to the Programme Committee members for their support, for their creative ideas and encouragement. I also thank the faculty members for serving the Society and all members and participants of ESGAR for being part of our family. Last but not least, I would like to mention and especially thank our Corporate Partners, Bayer, Bracco, GE Healthcare, and Guerbet for their continuous support of our activities.

Welcome to ESGAR 2021! Let’s stay healthy but also together and connected at the ESGAR Virtual Meeting!

Yours sincerely,

Marc Zins
ESGAR 2021 Meeting President and Programme Committee Chair
ORGANISING SECRETARIAT
Central ESGAR Office
Esslinggasse 2/3
AT – 1010 Vienna
Phone: +43 1 535 89 27
Fax: +43 1 535 89 27 15
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Dr. Marc Zins
Hôpital Saint-Joseph
Department of Radiology
185 Rue Raymond Losserand
Paris, France

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C.J. Zech, Basel/CH
ABSTRACT REVIEWING PANEL / E-POSTER JURY

O. Akhan, Ankara/TR
C. Aubé, Angers/FR
M. A. Bali, Brussels/BE
I. Bargellini, Pisa/IT
T. V. Bartolotta, Palermo/IT
A. Ba-Ssalamah, Vienna/AT
N. Bastati-Huber, Vienna/AT
R. G. H. Beets-Tan, Amsterdam/NL
E. Biscaldi, Genoa/IT
I. Boulay Coletta, Paris/FR
G. Brancatelli, Palermo/IT
R. Cannella, Palermo/IT
K. Cortis, Msida/MT
N. Courcoutsakis, Alexandroupolis/GR
L. Crocetti, Pisa/IT
L. Curvo-Semedo, Coimbra/PT
G. D’Assignies, La Roche-sur-Yon/FR
M. Dioguardi Burgio, Clichy/FR
A. Dohan, Paris/FR
M. D’Onofrio, Verona/IT
H. Fenlon, Dublin/IE
A. Furlan, Pittsburgh, PA/US
Y. Gandon, Rennes/FR
V. Goh, London/UK
M. Gollub, New York, NY/US
S. Gourtsoyianni, Athens/GR
S. Gryspeert, Roeselare/BE
L. Guimarães, Toronto, ON/CA
J. A. Guthrie, Leeds/UK
S. Halligan, London/UK
T. Helmerberger, Munich/DE
F. Iafrate, Rome/IT
D. Ippolito, Monza/IT
S. Jackson, Plymouth/UK
M. Karcaaltincaba, Ankara/TR
A. Laghi, Rome/IT
D. Lambregts, Amsterdam/NL
M. Lania, Dresden/DE
P. Lebert, Lille/FR
J. M. Lee, Seoul/KR
M. Lewin, Villejuif/FR
O. Lucidarme, Paris/FR
M. Maas, Amsterdam/NL
A. Madureira, Porto/PT
D. Malone, Dublin/IE
T. Mang, Vienna/AT
V. Maniatis, Sønderborg/DK
D. Marin, Durham, NC/US
L. Martí-Bonmatí, Valencia/ES
C. Matos, Lisbon/PT
Y. Menu, Paris/FR
G. Morana, Treviso/IT
G. H. Mostbeck, Vienna/AT
S. Mulé, Créteil/FR
E. Neri, Pisa/IT
A. Palkó, Szeged/HU
P. Paolantoni, Rome/IT
N. Papanikolaou, Lisbon/PT
S. Pötter-Lang, Vienna/AT
R. Pozzi Mucelli, Verona/IT
P. Prassopoulos, Thessaloniki/GR
E. Quaia, Padua/IT
G. A. Rollandi, Genoa/IT
M. Ronot, Clichy/FR
W. Schima, Vienna/AT
A. Schreyer, Regensburg/DE
O. Seror, Bondy/FR
S. Skehan, Dublin/IE
M. Staunton, Cork/IE
S. Stojanovic, Novi Sad/RS
J. Stoker, Amsterdam/NL
A. Taibbi, Palermo/IT
B. Taouli, New York, NY/US
J. P. Tasu, Pottiers/FR
S. A. Taylor, London/UK
S. Terraz, Geneva/CH
D. Tolan, Leeds/UK
C. Triantopoulou, Athens/GR
V. Valek, Brno-Bohunice/CZ
F. Vernuccio, Palermo/IT
V. Vilgrain, Clichy/FR
M.-P. Vullierme, Clichy/FR
M. Wagner, Paris/FR
G. Zamboni, Verona/IT
C. J. Zech, Basel/CH
M. Zins, Paris/FR
ESGAR
32nd Annual Meeting and Postgraduate Course
2nd Virtual Meeting
2021
EDUCATIONAL AND SCIENTIFIC PROGRAMME FEATURES

ABBREVIATIONS
The following abbreviations are used in the programme:

EE  Educational Exhibit  LS  Lecture Session  SOE  School of ESGAR
ET  ESGAR Tutorial  PG  Postgraduate Course  SSD  Scientific Session on demand
ETY Young ESGAR Tutorial  PS  Plenary Session  SSL  Scientific Session Live
HL  Honorary Lecture  RT  Research Tutorial  SY  Industry Symposium
LC  Live Case Discussion  SE  Scientific Exhibit

ESGAR TUTORIALS
Throughout ESGAR 2021, different tutorials are offered to the registrants. Compared to a formal lecture session, the smaller tutorial environment with two faculty members is intended to facilitate more time for posting questions via the chat, allowing registrants to address their specific needs.

CASES OF THE DAY
Coordinated and collected by Young ESGAR, different cases are displayed each day from Tuesday, June 15 to Friday, June 18, giving registrants the opportunity to take part in the quiz and check the results on the following day. At ESGAR 2021 every day a specific topic will be addressed:

Day 1, June 15: Classics
Day 2, June 16: I saw the sign
Day 3, June 17: Complications and foreign bodies
Day 4, June 18: Classics

In addition to the Cases of the Day quiz platform, there will be a daily live case presentation and SLIDO Quiz on Zoom Channel 1.

The participant(s) who solve(s) the most cases correctly will receive a prize and a certificate.

Young ESGAR – Cases of the Day team:
Chair: C. Reiner, Zurich/CH
Members: V. Kasi Arunachalam, Coimbatore/IN; A. Chandramohan, Vellore/IN; M. Hameed, London/UK; A. Kozana, Heraklion/GR; M. Pezzullo, Brussels/BE; B. Stehouwer, Utrecht/NL; C. Terra, Coimbra/PT; F. Vernuccio, Palermo/IT; M. Zerunian, Rome/IT

INDUSTRY SYMPOSIA
From Tuesday to Thursday at various timeslots throughout the day, Industry Symposia are held in collaboration with corporate partners. The subjects of these symposia includes a variety of “hot topics” concerning the ongoing development in some major fields of abdominal diagnostic and interventional radiology.

LECTURE SESSIONS
All Lecture Sessions are dedicated to a special area of interest with defined lecture objectives to ensure integration and avoid overlap. Several sessions have a multidisciplinary approach such as the Panel Discussion Session “In the MDM room: colon cancer” (LS 1) or the Session on “Acute lower abdominal pain” (LS 4). Case-based discussions and Q & A time allow for interactivity and boost the lessons learnt.

LIVE CASE DISCUSSIONS
A new feature for this 2nd Virtual Meeting are small classroom live case discussion sessions in the early morning and late evening with some of the most renowned ESGAR experts in the field. Very advanced level. Interaction guaranteed.

PLENARY SESSIONS
ESGAR RADIO-JEOPARDY
Offered for the first time at ESGAR. An entertaining and challenging Quiz format. Four teams of residents from four different European centres take the challenge, led by an expert moderator. The goal of the game is to collect points with each question and the top-scoring team will win.
EDUCATIONAL AND SCIENTIFIC PROGRAMME FEATURES

NICK GOURTSYOYANNIS’ Foundation Course I and II
This educational feature, named after Prof. N. Gourtsoyannis, is a mini rad-path course designed to teach fundamental imaging findings in specific abdominal conditions correlated with up-to-date pathologic information. The specific topics to be discussed in this year’s rad-path course are the “unusual hepato-biliary lesions” (cystic lesions and infectious diseases: hydatid cysts), and “acute abdominal conditions” (mesenteric ischemia and internal hernias).

One Case – Three Lessons
Returning by popular demand for a fourth year, we continue with the format called “One case – three lessons”. Is reflection an important part of your practice? In this session each panellist explains a clinical case where they personally made a mistake and then develop the three lessons that they learned from this. The goal of this format is to learn how experts reflect on their own errors to avoid making important mistakes in the diagnosis of difficult cases in the future. A broad range of diseases, modalities and clinical situations is presented, and the moderators brings together shared themes during discussion amongst the experts.

POSTGRADUATE COURSE
At ESGAR 2021, a Postgraduate Course entitled “Consensus and controversies in imaging of liver and pancreas” is offered on the first day of the virtual meeting. In four sessions the topics of “benign liver tumours”, “HCC”, “Cystic pancreatic lesions” and “Pancreatic adenocarcinoma” are addressed. Each session deals with the respective imaging diagnosis and challenges as well as the pathology diagnosis and challenges and also focus on “when, why and how to manage”. A 30-minute case-based discussion at the end of each Postgraduate Course session, exemplifies the topic and enhances the learning experience.

RESEARCH TUTORIALS
Have you begun your academic career and want to know how to advance to become a leader in research? It is much more than publishing papers, grant funding etc. In these research tutorials major aspects of abdominal imaging research are discussed by leading ESGAR researchers.

Those delegates attending all research tutorials are eligible to apply for the ESGAR mentorship programme. In this programme one-to-one mentorship by leading ESGAR researchers will be available to junior researchers.

SCHOOL OF ESGAR
This is a traditional educational pathway within the annual ESGAR meeting, which includes a selection of the most important topics of abdominal radiology following the chapters of the European Training Curriculum and the corresponding learning objectives. This pathway covers the most fundamental and important technical aspects of abdominal imaging including standard and innovative acquisition protocol/strategies for ultrasound, CT and MR and an in-depth discussion of a selection of important common and less common diseases.

SCIENTIFIC EXHIBITION – POSTER EXHIBITION (ON DEMAND)
All scientific and educational exhibits (posters) are displayed via the Virtual Congress platform during the annual meeting. All ESGAR 2021 posters will also be included in the permanent ESGAR Online Poster Database after the meeting.

SCIENTIFIC SESSIONS
Researchers present original papers on new and original aspects of abdominal imaging and intervention. Selected papers are gathered into sessions, each dealing with a homogenous topic. Recorded scientific presentations are available on demand on the Virtual Congress platform (=SSD). The best presentations are put together into three highlight sessions which will be live streamed and moderated (=SSL). Time for questions and answers between researchers and attendees is available after each presentation.
PLEASE NOTE THAT SESSIONS ARE MARKED WITH A LOGO TO INDICATE THEIR CLASSIFICATION ACCORDING TO THE EUROPEAN TRAINING CURRICULUM.

#LVL I
First three years of training

#LVL II
Fourth and fifth year of training
(general radiologist standard)

#LVL III
Subspecialty training standard

The European Training Curriculum has been published by the ESR, the European Society of Radiology and can be found on the ESR website www.myESR.org under “Education”. This document is fully supported by ESGAR. The classification of ESGAR 2021 sessions according to training levels simply indicate that the session includes content of a certain training level according to the European Training Curriculum. All sessions, regardless of the indicated level, are open for all participants and equally recommended whether the participant is in training, board certified radiologist or sub specialist.
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<td>HL 1 ESGAR Honorary Lecture</td>
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<td>Young ESGAR, Introduction of Cases of the Day, first Quiz case (Zoom Webinar)</td>
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<td>ET 1 What to do with incidental small bowel polyps?</td>
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<td>LC 7 The morning case discussion with C.J. Zech (Zoom Webinar)</td>
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<td>Acute bleeding in the abdomen after surgery or IR procedures</td>
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<td>Young ESGAR Case (Zoom Webinar)</td>
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<td>How to set up a radiomics model: practical tips</td>
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<td>HL 2 SAR Honorary Lecture</td>
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<td>LC 10 The evening case discussion with A. Laghi (Zoom Webinar)</td>
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## PROGRAMME OVERVIEW – FRIDAY, JUNE 18

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<th>Time</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>Channel 3</th>
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<tbody>
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<td>07:15 – 07:45</td>
<td>The morning case discussion</td>
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<td>09:00 – 09:30</td>
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<td>LC 13 When and how to boost your</td>
<td>LS 5 Hybrid imaging and whole-body</td>
<td>SOE 5 Post-therapy imaging</td>
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<td>abdominal protocols</td>
<td>MRI in GI cancer: where do we</td>
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<td>LC 14 Inflammatory bowel disease</td>
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<td>14:00 – 14:30</td>
<td>LC 15 The thickened bowel wall</td>
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TUESDAY, JUNE 15

OPENING / HONORARY LECTURE

09:00 – 10:00  PS1  GRAND OPENING
- Welcome Speeches
- Honorary Fellowship Awards
- European Radiology Awards
- Insights Into Imaging Award

10:00 – 10:30  HL1  ESGAR HONORARY LECTURE
Moderator: R.G.H. Beets-Tan, Amsterdam/NL

*Imaging of pancreatic cancer: lessons (to be) learned*
W. Schima, Vienna/AT
POSTGRADUATE COURSE – CONSENSUS AND CONTROVERSIES
IN IMAGING OF LIVER AND PANCREAS

11:00 – 12:15   PG 1 BENIGN LIVER TUMOURS  CHANNEL 1

Moderators: B. Song, Chengdu/CN; R. Albazaz, Leeds/UK

11:00   Imaging diagnosis and challenges
G. Brancatelli, Palermo/IT

Learning Objectives:
• To review the typical imaging findings of common and uncommon benign liver tumours
• To learn how to differentiate between benign and malignant liver tumours
• To illustrate examples of benign liver tumours presenting with atypical appearance, therefore posing a challenging diagnosis

11:15   Pathology diagnosis and challenges
V. Paradis, Clichy/FR (pathologist)

Learning Objectives:
• To review the typical pathological findings of common benign liver tumours
• To learn how to differentiate between benign hepatocellular liver tumours and subtype hepatocellular adenomas
• To illustrate examples of the added value of pathology for the diagnosis of benign liver tumours

11.30   When, why and how to manage
V. Vilgrain, Clichy/FR

Learning Objectives:
• To understand the role of liver biopsy in benign liver tumours
• To review the evolution and potential complications of benign liver tumours
• To learn the patient management of benign liver tumours according to specific diagnosis

11:45   Case-based discussion
TUESDAY, JUNE 15

POSTGRADUATE COURSE – CONSENSUS AND CONTROVERSIES IN IMAGING OF LIVER AND PANCREAS

12:45 – 14:00  PG 2  HCC

Moderators: L. Martí-Bonmatí, Valencia/ES; A. Ba-Ssalamah, Vienna/AT

12:45   Imaging diagnosis and challenges
F. Caseiro-Alves, Coimbra/PT

Learning Objectives:
• To explain the typical imaging features of HCC
• To discuss the different guidelines for the diagnostic workup of HCC
• To illustrate examples of different cirrhotic nodules that may present with an atypical appearance, therefore posing a challenging diagnosis

13:00   Pathology diagnosis and challenges
D. Tiniakos, Athens/GR

Learning Objectives:
• To review the typical pathological findings of HCC
• To learn how to distinguish between the different nodules in the cirrhotic liver
• To highlight the crucial role of pathology for the diagnosis of atypical HCC and other malignancies in the cirrhotic liver

13:15   When, why and how to manage
C. Sirlin, San Diego, CA/US

Learning Objectives:
• To understand the role of the different guidelines, with a focus on LI-RADS for the management of HCC patients
• To explain the patient management of different cirrhotic nodules according to the specific diagnosis
• To discuss the importance of a multidisciplinary treatment team by using a combination of the guidelines, clinical assessment findings, and treatment availability

13:30   Case-based discussion
16:00 – 17:15  PG 3  CYSTIC PANCREATIC LESIONS

Moderators: G. Morana, Treviso/IT; M.A. Bali, Brussels/BE

16:00   Imaging diagnosis and challenges
N. Kartalis, Stockholm/SE

Learning Objectives:
• To become familiar with the different imaging modalities and their diagnostic performance for diagnosis and follow up
• To learn how to differentiate neoplasm from inflammatory pancreatic cystic lesions
• To learn about typical and atypical imaging appearances of the cystic pancreatic neoplasms

16:15   Pathology diagnosis and challenges
C. Verbeke, Oslo/NO (pathologist)

Learning Objectives:
• To learn the classification of pancreatic cystic lesions
• To learn the role of biological and molecular markers for the differential diagnosis
• To understand the diagnostic challenges at pathology

16:30   When, why and how to manage
C. Matos, Lisbon/PT

Learning Objectives:
• To learn about the international guidelines including treatment and follow-up strategies
• To understand the role of a multidisciplinary approach for patient management

16:45   Case-based discussion
17:45 – 19:00  **PG 4 PANCREATIC ADENOCARCINOMA**

Moderators: W. Schima, Vienna/AT; M. Zins, Paris/FR

**Imaging diagnosis and challenges**
J. Sammon, Cork/IE

Learning Objectives:
- To describe the chief goals of imaging studies in initial pancreatic ductal adenocarcinoma (PDA) diagnosis and staging
- To discuss the remaining limitations of imaging in initial PDA staging
- To discuss with examples the respective advantages and limitations of MDCT and MRI in initial diagnosis of PDA

**When, why and how to manage**
C. Carvalho, Lisbon/PT (oncologist)

Learning Objectives:
- To understand the predictive value of imaging studies in selecting the best candidates for upfront surgery
- To identify the rationale underlying neoadjuvant therapy for nonmetastatic PDA
- To discuss the challenging evaluation of the neoadjuvant therapy response

**Surgical challenges**
A. Sá Cunha, Villejuif/FR (surgeon)

Learning Objectives:
- To identify the most crucial questions to be answered by the radiologist to the surgeon
- To understand the most important challenges in upfront resection of PDA
- To describe the remaining challenges in surgical resection of PDA after initial neoadjuvant treatment

**Case-based discussion**

#LVL 11
MORNING LIVE CASE DISCUSSIONS

CASES FOR ACES, COMPLICATED AND CHALLENGING CASES

WEDNESDAY, JUNE 16

07:15 – 08:00  LC 1  I GET KNOCKED DOWN BUT I GET UP AGAIN LEARNING LESSONS FROM AN ERROR  ZOOM CHANNEL 1
A live case discussion with D. Tolan, Leeds/UK

07:15 – 08:00  LC 2  LIVER TUMOURS: CASES TO REMEMBER... OR TO FORGET  ZOOM CHANNEL 2
A live case discussion with Y. Menu, Paris/FR

07:15 – 08:00  LC 3  MORNING STORIES OF A "BRIGHT GUY": THE PANCREAS  ZOOM CHANNEL 3
A live case discussion with M.A. Bali, Brussels/BE

THURSDAY, JUNE 17

07:15 – 08:00  LC 7  LIVER IMAGING POST IR WHAT’S NORMAL AND WHAT’S ABNORMAL  ZOOM CHANNEL 1
A live case discussion with C.J. Zech, Basel/CH

07:15 – 08:00  LC 8  APPROACHING PANCREATIC CASES LIKE A PRO  ZOOM CHANNEL 2
A live case discussion with G. Zamboni, Verona/IT

07:15 – 08:00  LC 9  ACUTE ABDOMEN: TRICKY CASES  ZOOM CHANNEL 3
A live case discussion with J.B.C.M. Puylaert, The Hague/NL

FRIDAY, JUNE 18

07:15 – 08:00  LC 13  TRICKY TRAPS IN BENIGN LIVER TUMOURS: HOW TO AVOID THEM... OR NOT...  ZOOM CHANNEL 1
A live case discussion with A. Luciani, Créteil/FR

07:15 – 08:00  LC 14  ONCOLOGIC IMAGING – MULTIPLE SYNCHRONOUS MALIGNANCIES OR NOT  ZOOM CHANNEL 2
A live case discussion with L. Blomqvist, Stockholm/SE

07:15 – 08:00  LC 15  ABDOMINAL AND GROIN HERNIAS: WHAT A MESH!  ZOOM CHANNEL 3
A live case discussion with A. Plumb, London/UK
## EVENING LIVE CASE DISCUSSIONS

### CASES FOR ACES, COMPLICATED AND CHALLENGING CASES

#### WEDNESDAY, JUNE 16

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<tr>
<td>19:30 – 20:15</td>
<td>LC 4</td>
<td>MRI OF RECTAL CANCER – WE CAN DO IT!</td>
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<td>A live case discussion with R.G.H. Beets-Tan, Amsterdam/NL</td>
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<td>19:30 – 20:15</td>
<td>LC 5</td>
<td>ARE YOU A LIVER EXPERT? THESE CASES WILL TELL YOU!</td>
<td>ZOOM CHANNEL 2</td>
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<td>A live case discussion with V. Vilgrain, Clichy/FR</td>
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<td>19:30 – 20:15</td>
<td>LC 6</td>
<td>ACUTE ABDOMINAL CONDITIONS: MY MOST CHALLENGING CASES</td>
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#### THURSDAY, JUNE 17

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<td>DIFFICULT GUT CASES – DO YOU HAVE A GUT FEELING OR DO YOU KNOW FOR SURE?</td>
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<td>19:30 – 20:15</td>
<td>LC 11</td>
<td>THE HEPATIC HAPPY HOUR: A COCKTAIL OF CHALLENGING LIVER CASES FOR ACES</td>
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<td>A live case discussion with G. Brancatelli, Palermo/IT</td>
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<td>LIKE THE EVERYDAY PRACTICE: MISCELLANEOUS</td>
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WEDNESDAY, JUNE 16

TUTORIALS

08:15 – 09:15  ET 1  WHAT TO DO WITH INCIDENTAL SMALL BOWEL POLyps?  #SINGLE TOPIC  CHANNEL 1
D. Burling, Harrow/UK

Learning Objectives:
• To learn about the prevalence of benign and (pre)malignant small bowel polyps, and the differential diagnosis
• To understand the impact of location in relation to types of adenoma and risk of malignancy
• To become familiar with concerning features

08:15 – 09:15  ET 2  INTRADUCTAL PAPILLARY MUCINOUS NEOPLASMS:  CHANNEL 2
WHEN TO OPERATE, WHEN AND HOW TO FOLLOW  #CASE-BASED #FROM MY WORKSTATION
M. D’Onofrio, Verona/IT; S. Skehan, Dublin/IE

Learning Objectives:
• To understand specific imaging findings of an IPMN of the pancreas including findings suspect for malignant transformation
• To learn about a protocol for investigating and following suspected IPMN of the pancreas
• To become familiar with recent guidelines for management and follow-up

08:15 – 09:15  ET 15  INITIAL DIAGNOSIS OF RECTAL CANCER  CHANNEL 3
K. Gormly, Adelaide, SA/AU; L. Blomqvist, Stockholm/SE

Learning Objectives:
• To understand the role of imaging for primary tumour staging
• To understand the imaging features that influence clinical decision making
• To learn how to interpret MR for primary staging and to be aware of potential pitfalls in interpretation
WEDNESDAY, JUNE 16

LECTURE SESSION

10:00 – 11:30  LS1  IN THE MDM ROOM: COLON CANCER  CHANNEL 1
Moderators: R.G.H. Beets-Tan, Amsterdam/NL; J. Stoker, Amsterdam/NL

Learning Objectives:
To learn about the imaging approaches in three different clinical scenarios using a multidisciplinary discussion, involving a diagnostic radiologist, an interventional radiologist, a gastroenterologist, an oncologic GI surgeon and a pathologist

Panellists:
G. Beets, Amsterdam/NL (surgeon)
L. Curvo-Semedo, Coimbra/PT
K.M.A.J. Tytgat, Amsterdam/NL (gastroenterologist)
T. Helmberger, Munich/DE
P. Snaebjornsson, Amsterdam/NL (pathologist)
10:00 – 11:30  LS 2  LIVER CIRRHOSIS UPDATE OF CLINICAL AND RADILOGICAL DEFINITIONS

Moderators: M. Chouhan, London/UK; C. Aubé, Angers/FR

10:00  Liver cirrhosis from the hepatologist’s point of view
T. Reiberger, Vienna/AT

Learning Objectives:
• To describe the key pathological and clinical features of liver cirrhosis
• To explain the most important factors of liver cirrhosis that affect survival
• To highlight what the hepatologist expects to read in an optimal radiologic report to manage his patients

10:20  Modern radiologic diagnosis and non-invasive staging of liver cirrhosis
A. Ba-Ssalamah, Vienna/AT

Learning Objectives:
• To illustrate the difference between morphology and function of liver cirrhosis
• To correlate the imaging features with the clinical classification of liver cirrhosis
• To highlight the role of functional imaging in the staging of liver cirrhosis and the prediction of survival

10:40  Differential diagnosis of mimickers of liver cirrhosis
R. Cannella, Palermo/IT

Learning Objectives:
• To describe diffuse non-cirrhotic liver diseases, such as non-cirrhotic intrahepatic portal hypertension, Budd-Chiari syndrome, congenital hepatic fibrosis, obliterative portal venopathy, etc.
• To explain a stepwise approach for the interpretation of imaging features in patients with non-cirrhotic liver diseases
• To illustrate examples of different diffuse hepatic disorders, mimicking liver cirrhosis, therefore posing a challenging diagnosis

11:00  Case-based discussion and Q & A
WEDNESDAY, JUNE 16

SCHOOL OF ESGAR

10:00 – 11:30  SOE1 IMAGING THE FORGOTTEN ABDOMINAL ORGANS  CHANNEL 3
Moderators: E. de Kerviler, Paris/FR; S. Sen, Kolkata/IN

Learning Objectives:
• To become familiar with optimal imaging strategies used for appendix and spleen
• To understand the various pathologies involving the appendix and spleen
• To become familiar with the most common causes of splenic and appendiceal abnormalities, including infection and benign and malignant masses
• To learn the imaging strategies and findings that may help for the differential diagnosis

10:00  Imaging of appendiceal pathologies
R. Fischbach, Hamburg/DE

10:30  Imaging of splenic diseases
A. Torregrosa Andrés, Valencia/ES

11:00  Q & A

RESEARCH TUTORIAL

11:45 – 12:45  RT 1 STUDY DESIGNS FOR IMAGING TRIALS  CHANNEL 3
P.M. Bossuyt, Amsterdam/NL

Learning Objectives:
After this session, participants are expected to be able to:
- provide a definition of an imaging trial
- describe the essential elements of a randomised clinical trial of imaging
- describe the methodological differences between:
  + a randomised clinical trial and a single-arm imaging trial
  + a single-arm imaging trial and a cohort study in imaging
  + an explanatory trial and a pragmatic trial in imaging
  + prospective study and a longitudinal study
  + imaging as a prognostic marker and imaging as a predictive marker
- describe the essential elements of a diagnostic accuracy study
- describe study designs for comparative accuracy studies
- describe the essential elements of a reader study in imaging

12:30  Q & A
CT COLONOGRAPHY: CHALLENGING CASES
#FROM MY WORKSTATION
P. Lefere, Roeselare/BE; T. Mang, Vienna/AT

Learning Objectives:
• To understand the range of colonic pathology seen at CTC with a focus on difficult-to-detect lesions
• To become familiar with technical considerations to improve detection
• To learn about interpretation techniques which can improve radiologist performance in challenging cases

BEST PAPERS IN ARTIFICIAL INTELLIGENCE AND RADIOMICS

13:15 - 14:15  SSL 1.1  Automated deep learning CT-based spleen volume segmentation: defining normal and splenomegaly for clinical practice  
A. Perez1, V. Noe-Kim1, M. Lubner1, R. Summers2, P.J Pickhardt2; 1Madison, WI/US, 2Bethesda, MD/US

13:23 SSL 1.2  Automatized hepatic tumor volume analysis of neuroendocrine liver metastases by gadoxetic acid MRI: a deep learning model to support multidisciplinary cancer conference decision-making  
U. Fehrenbach1, S. Xin1, A. Hartenstein1, T.A. Auer1, F. Dräger1, K. Froböse1, H. Jann1, M. Mogl1, H. Armtauer1, D. Geisel1, T. Denecke2, B. Wiedenmann1, T. Penzkofer1; 1Berlin/DE, 2Leipzig/DE

13:31 SSL 1.3  Correlation of histologic, imaging, and artificial intelligence features in non-alcoholic fatty liver disease patients, derived from gadoxetic acid-enhanced MRI: a proof-of-concept study  
N. Bastati-Huber1, M. Perkonigg1, S. Pötter-Lang1, A. Beer1, A. Herold1, I. Shchekoturov2, J.C. Hodge1, G. Langs1, A. Ba-Ssalamah1; 1Vienna/AT, 2Moscow/RU

13:39 SSL 1.4  Adhesive-related small bowel obstruction: deep learning for the automatic detection of the transition zone on CT scans  
Q. Vanderbecq1, R. Ardon1, A. De Reviers1, C. Ruppli1, A. Dallongeville1, I. Boulay Coletta1, G. D’Assignies2, M. Zins1; 1Paris/FR, 2La Roche-sur-Yon/FR

13:47 SSL 1.5  Overall survival of colorectal cancer patients stratified by metastatic disease patterns identified on CT report using natural language processing  
P.L. Causa Andrieu1, K. Lupton2, V. Sevilimedu1, N. Huy3, M. Maya1, K. Batch2, F. Zulkernine2, G. Lior1, N. Gangai1, A. Simpson2, J. Golia Pernicka1, R. Do1; 1New York, NY/US, 2Kingston, ON/CA

13:55 SSL 1.6  Artificial intelligence-based detection of pneumoperitoneum on abdominal CT scans in patients presenting with acute abdominal pain: a retrospective clinical cohort diagnostic test accuracy study  
M.W. Brejnebøl1, Y.J.W. Nielsen2, O. Taubmann1, E. Eibenberger1, F.C. Müller2, 1Copenhagen/DK, 2Herlev/DK, 3Forchheim/DE
Returning by popular demand for a fourth year, we continue with the format called “One case – three lessons”. Is reflection an important part of your practice? In this session each panellist explains a clinical case where they personally made a mistake and then develop the three lessons that they learned from this. The goal of this format is to learn how experts reflect on their own errors to avoid making important mistakes in the diagnosis of difficult cases in the future. A broad range of diseases, modalities and clinical situations will be presented, and the moderators will bring together shared themes during discussion amongst the experts.

14:15 Moderator’s introduction
D. Tolan, Leeds/UK

14:20 Moderator’s introduction: Reflective GI practice in 2021? Optional or essential for your health?
G.F. Maskell, Truro/UK

Panellists:
C. Cassinotto, Castelnau-le-Lez/FR
M. D’Onofrio, Verona/IT
C. Dromain, Lausanne/CH
D.M. Koh, Sutton/UK
I. Santiago, Lisbon/PT
A. Torregrosa Andrés, Valencia/ES

15:20 Moderator’s conclusion and discussion
**WEDNESDAY, JUNE 16**

**YOUNG ESGAR**

16:15 – 16:45 **ETY 1**  
**YOUNG ESGAR ANATOMY TUTORIAL**  
CHANNEL 1  
SEGMENTAL AND CROSS-SECTIONAL ANATOMY  
OF THE GI TRACT

**TUTORIALS**

16:15 – 17:15 **ET 4**  
**LIRADS IN CLINICAL PRACTICE: CHALLENGING CASES**  
CHANNEL 2  
#QUESTION FROM MY COLLEAGUE  
C. Sirlin, San Diego, CA/US; V. Chernyak, New York, NY/US

Learning Objectives:  
The speakers will discuss with the attendees common clinical scenarios through challenging cases. The teaching methods will be designed to maximise active audience involvement. This tutorial will help the attendee learn how to understand and manage these cases.  
At the conclusion of this live activity, participants will be able to:  
• Identify the pearls and pitfalls of diagnostic imaging modalities  
• Appreciate the role of imaging modalities in different clinical scenarios  
• Recommend imaging algorithms for appropriate patient management

16:15 – 17:15 **ET 16**  
**THE MANY ROLES OF CT COLONOGRAPHY:**  
CHANNEL 3  
FROM SCREENING TO OCCLUSIVE COLORECTAL CANCER  
M. Gollub, New York, NY/US; J. Yee, New York, NY/US

Learning Objectives:  
• To understand the role of CT Colonography in colorectal cancer screening  
• To learn the diagnostic performance of CT Colonography for detection of colorectal polyps  
• To understand the role of CT Colonography in preoperative staging of occlusive or non-occlusive colon cancer
SCHOOL OF ESGAR

18:00 – 19:30 SOE 2 INTERVENTION USING PINS AND TUBES – A PRIMER FOR THE ABDOMINAL RADIOLOGIST

Moderators: J.-P. Tasu, Potiers/FR; S. Jackson, Plymouth/UK

18:00 How to select, prepare and choose safe access routes for an abdominal biopsy/drainage procedure
M. Krokidis, Athens/GR

Learning Objectives:
• To know the patient selection criteria for image-guided drainage procedures in different organ systems
• To choose optimal biopsy routes and techniques
• To know the range of percutaneous drainage systems available and how to use them

18:30 Tips and tricks for the inaccessible lesion: how to avoid complications
M. Dioguardi Burgio, Clichy/FR

Learning Objectives:
• To describe the basic principles of safe interventional technique, the anatomy relevant to the procedure and the recognised complications of the procedures
• To know the potential risks and complications of common procedures in interventional oncology
• To describe typical catheterisation techniques and the principles of selective catheterisation and embolisation

19:00 Q & A

TUTORIAL

18:30 – 19:30 ET 5 ARTIFICIAL INTELLIGENCE (AI) FOR DIFFUSE LIVER DISEASE/ FOCAL LIVER DISEASE

L. Martí-Bonmatí, Valencia/ES; A. Tang, Montreal, QC/CA

Learning Objectives:
• To understand the role of AI in imaging diffuse liver disease / focal liver disease
• To be aware of AI applications in imaging diffuse liver disease
• To learn how to report imaging AI data in diffuse liver disease
08:15 – 09:15   ET 6  ACUTE BLEEDING IN THE ABDOMEN AFTER SURGERY OR IR PROCEDURES

S. Silvera, Paris/FR; P. Wiggermann, Braunschweig/DE

Learning Objectives:
• To learn appropriate imaging strategies and protocols for patients with suspected bleeding after surgery or IR procedures of the abdomen
• To understand the role of imaging to identify the source of bleeding in those cases
• To discuss when and how to treat these patients with embolotherapy or surgery

08:15 – 09:15   ET 7  DIAGNOSTIC IMAGING OF TRAUMATIC LIVER AND SPLENIC LESIONS: CHALLENGING CASES

#FROM MY WORKSTATION
M. Scaglione, Castelvolturno/IT; S. Schmidt Kobbe, Lausanne/CH

Learning Objectives:
The speakers will discuss with the attendees common clinical scenarios through challenging cases. The teaching methods will be designed to maximise active audience involvement. This tutorial will help the attendee learn how to understand and manage these cases. At the conclusion of this live activity, participants will be able to:
• Identify the pearls and pitfalls of diagnostic imaging modalities
• Appreciate the role of imaging modalities in different clinical scenarios
• Recommend imaging algorithms for appropriate patient management

08:15 – 09:15   ET 17  ANATOMICAL VARIANTS OF THE PANCREAS AND PANCREATIC PSEUDO TUMOURS

#CASE BASED #FROM MY WORKSTATION
H. Mori, Oita/JP; M. Zins, Paris/FR

Learning Objectives:
• To understand the appearances of the main anatomic variants of the pancreas (ductal, vascular and parenchymal) and their related risk in misdiagnosis
• To learn about the imaging features of benign conditions that simulate pancreatic neoplasms
• To learn the key findings that help to differentiate anatomic variants and pseudomass from pancreatic diseases
THURSDAY, JUNE 17

LECTURE SESSION

10:00 – 11:30  LS 3  HOW TO SET UP A RADIOMICS MODEL: PRACTICAL TIPS  CHANNEL 1

Moderators: N. Papanikolaou, Lisbon/PT; E. Neri, Pisa/IT

10:00  How to extract features and build/validate a model
S. Trebeschi, Amsterdam/NL

Learning Objectives:
• To be aware of the resources necessary to implement a radiomics model including the various data mining software programmes
• To learn about the different steps on the radiomics workflow
• To understand how to prepare and interpret the data and to develop and validate a model

10:20  Clinical applications in abdominal pathology
D. Regge, Turin/IT

Learning Objectives:
• To understand how to get involved in radiomics as an abdominal radiologist
• To know the major clinical applications of radiomics in abdominal pathology
• To recognise future applications of radiomics in abdominal imaging

10:40  Critical appraisal of the literature
L. Fournier, Paris/FR

Learning Objectives:
• To learn the interest of radiomics in modern abdominal imaging
• To understand the importance of stability and reproducibility of quantitative features
• To discuss emerging research directions and its implications in clinical translation

11:00  Discussion / Q & A
LECTURE SESSION

10:00 – 11:30  LS 4  ACUTE LOWER ABDOMINAL PAIN: IS IT ALWAYS DIVERTICULITIS OR APPENDICITIS?
Moderators: J. Stoker, Amsterdam/NL; M. Radzina, Riga/LV

10:00  Setting the scene
P. Taourel, Montpellier/FR

Learning Objectives:
• To learn about the role of different imaging modalities in the assessment of acute lower abdominal pain
• To understand the most effective imaging strategy in patients with acute lower abdominal pain, considering radiation burden, and patient age and sex
• To discuss tailoring CT protocols to address the relevant clinical questions

10:20  When not to operate / When to operate (Radiological and surgical perspectives)
J.B.C.M Puylaert, The Hague/NL
M. Boermeester, Amsterdam/NL (surgeon)

Learning Objectives radiologist:
• To learn about the differential diagnosis of acute lower abdominal pain that requires conservative management, apart from appendicitis and diverticulitis
• To discuss why and when acute appendicitis and diverticulitis can initially be managed with conservative treatment

Learning Objectives surgeon:
• To learn about differential diagnoses of acute lower abdominal pain that require emergency surgical treatment, beside appendicitis and diverticulitis
• To discuss why and when acute appendicitis and diverticulitis should be managed with emergency surgical treatment

10:40  Case-based discussion
THURSDAY, JUNE 17

SCHOOL OF ESGAR

10:00 – 11:30  SOE 3  COLON CANCER: FROM SCREENING TO FOLLOW-UP  CHANNEL 3
Moderators: H. Fenlon, Dublin/IE; A.R. Radmard, Tehran/IR

Learning Objectives:
• To become familiar with CTC scanning protocols, including the need for intravenous injection of contrast medium and to understand dose reduction techniques
• To understand the current indications for CT colonography, including its potential role in colorectal cancer screening
• To describe the TNM classification of colon cancer and its prognostic value, the technique and the value of MDCT
• To describe the CT imaging features of colon cancer and signs that assess local extent (enlarged lymph nodes, peritoneal carcinomatosis, hepatic metastases)

10:00  CT colonography: technical tips and principle of interpretation
A. Laghi, Rome/IT

10:30  Spectrum of imaging modalities to stage and follow-up colorectal cancer
C. Hoeffel, Reims/FR

11:00  Q & A

RESEARCH TUTORIAL

11:45 – 12:45  RT 2  HOW TO GET A GRANT  CHANNEL 3
S. Halligan, London/UK

Learning Objectives:
• To learn what are the critical components of a grant application to fund a radiological research project
• To learn how to critique an applicant’s grant by working on a real example
• To learn what factors are necessary for a successful funding application

12:30  Q & A
THURSDAY, JUNE 17

TUTORIAL
13:15 – 14:15 ET 8 ACUTE ABDOMEN – HOW TO SURVIVE A NIGHT ON CALL
T. Lauenstein, Düsseldorf/DE; F. Vernuccio, Palermo/IT

Learning Objectives:
• To understand the common acute abdominal pathologies that can present out of hours
• To understand optimal protocols for imaging the acute abdomen
• To learn tips and tricks for interpreting acute abdominal imaging

SCIENTIFIC SESSION
13:15 – 14:15 SSL 2 BEST PAPERS IN GI CANCER IMAGING
L. Costa, Belo Horizonte/BR; C. Triantopoulou, Athens/GR

13:15 SSL 2.1 Prognostic significance of MRI-identified extramural vascular invasion, tumour deposits and mesorectal nodes in locally advanced rectal cancer
A. Chandramohan, R. D’Souza, H. Yezzaji, A. Eapen, B. Simon, R. John, D. Masih, A. Singh,
M.R. Jesudason, T.S. Ram, R. Mittal, Vellore/IN

13:23 SSL 2.2 Applying the TNM (8th ed) classification for the radiological staging of rectal cancer: preliminary results from a global online survey
N. Bogveradze1, R.G.H. Beets-Tan1, G.L. Beets1, M.J. Lahaye1, M. Maas1, N.E. Khababi1, S. Kakhadze2, B. Jeremic2, D. Lambregts1; 1Amsterdam/NL, 2Tbilisi/GE

13:31 SSL 2.3 Before fifty: imaging findings in early age-onset colorectal cancer
A. Perez, D. Kim, P.J. Pickhardt; Madison, WI/US

13:39 SSL 2.4 The PROSPECT trial: improving the prediction of disease recurrence in primary colorectal cancer
V. Goh1, S. Mallett1, D. Hill1, M. Rodriguez-Justo1, D. Patel1, S. Khan1, R. Glynne-Jones2, V. Boulter3,
S.A. Taylor1, S. Halligan1; 1London/UK, 2Birmingham/UK, 3Northwood/UK

13:47 SSL 2.5 Central versus local review of perfusion CT imaging variables from the PROSPECT trial of colorectal cancer
D. Prezzi1, V. Goh1, S. Mallett2, D. Hill3, M. Rodriguez-Justo1, D. Patel1, S. Khan1, R. Glynne-Jones4,
V. Boulter1, S.A. Taylor1, S. Halligan1; 1London/UK, 2Prestwood/UK, 3Birmingham/UK, 4Northwood/UK

13:55 SSL 2.6 Assessment of lymph node status and tumor response after chemoradiation therapy in locally advanced rectal cancer: comparison of three methods of region of interest for intravoxel incoherent motion parameters
Y. Yuan, H. Pu, X.-L. Chen, H. Li, Chengdu/CN

14:03 SSL 2.7 Vascular but not metabolic phenotype is associated with neoadjuvant therapy response in primary esophageal/esophagogastric cancer
S.J. Withey1, K. Owczarczyk1, M. Grzeda1, C. Yip2, R. Neji3, A. Green1, J. Bell1, H. Deere1, M. Green1,
G. Cook1, V. Goh1; 1London/UK, 2Singapore/SG, 3Frimley/UK
PLENARY SESSION

14:15 – 15:45 PS 3 ESGAR RADIO-JEOPARDY

Moderator: F. Vernuccio, Palermo/IT

Channel 1

Offered for the first time at ESGAR. An entertaining and challenging Quiz format. Four teams of residents from four different European centres will take the challenge, led by an expert moderator. The goal of the game is to collect points with each question and the top-scoring team will win.

TEAM “The Rolling Gallstones”
Captain: A. Bhagwanani, London/UK
J.-Y. Kowa, London/UK
V. Eze, London/UK
C. So, London/UK

TEAM “The Abdominables”
Captain: W. van den Bos, Amsterdam/NL
E. Poelman, Amsterdam/NL
J. Runge, Amsterdam/NL
S. Vennix, Amsterdam/NL

TEAM “The Crazy French Loops”
Captain: J. Dana, Paris/FR
F. Bompard, Paris/FR
A. Gutter, Paris/FR
K. Loiselet, Paris/FR

TEAM “The Four Quadrants”
Captain: L. Beer, Vienna/AT
G. Dovjak, Vienna/AT
A. Korajac, Vienna/AT
A. Wressnegger, Vienna/AT
THURSDAY, JUNE 17

TUTORIALS

16:15 – 17:15  ET 14  IMAGING OF UNCOMMON PERITONEAL AND GI LUMINAL CONDITIONS #FROM MY WORKSTATION  
P. Pickhardt, Madison, WI/US; C. Menias, Phoenix, AZ/US

Learning Objectives:
• To describe the clinical and pathologic features of unusual peritoneal and GI tumours and tumour-like lesions of the peritoneum and GI tract
• To identify the cross-sectional imaging patterns of uncommon peritoneal and GI tumours and non-neoplastic conditions mimicking peritoneal carcinomatosis or GI tumours
• To appreciate the differential diagnosis of peritoneal and GI tumours and the imaging and clinical features that will help the radiologist in making a diagnosis

16:15 – 17:15  ET 9  ABDOMINAL DUAL ENERGY CT MADE EASY #TECHNICAL TIPS  
S. Schindera, Aarau/CH; D. Caruso, Rome/IT

Learning Objectives:
Based on case files, the speakers will present why, when and how to incorporate dual energy CT, and discuss the diagnostic challenges with the attendees.
At the conclusion of this live activity, participants will be able to:
• Identify the main challenges related to dual energy CT
• Understand the added value of dual energy CT in different clinical scenarios
• Recommend new imaging algorithms using dual energy CT for better patient management

YOUNG ESGAR

16:15 – 16:45  ETY 2  MEET YOUNG ESGAR! – EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT YE (BUT WERE AFRAID TO ASK)

HONORARY LECTURE

17:45 – 18:15  HL 2  SAR HONORARY LECTURE 
Moderator: R.G.H. Beets-Tan, Amsterdam/NL

Abdominal interventional pearls: understanding the role of the radiologist pre-procedure to post-procedure
M. Mendiratta-Lala, Ann Arbor, MI/US
18:00 – 19:30  **SCHOOL OF ESGAR**  

**FUNCTIONAL IMAGING OF THE UPPER AND LOWER GI TRACT**  
Moderators: K. Foley, Cardiff/UK; P. Pokieser, Vienna/AT

18:00  Functional imaging of the oesophagus  
E. Xinou, Thessaloniki/GR

Learning Objectives:  
• To learn about the technique of videofluoroscopy for swallowing assessment and the barium oesophagogram  
• To appreciate the indications and limitations of videofluoroscopy and the barium oesophagogram  
• To become familiar with the spectrum of diseases presenting as oesophageal dysfunction and their imaging manifestations

18:30  Functional imaging of the anorectum  
F. Maccioni, Rome/IT

Learning Objectives:  
• To learn about the technique and limitations of conventional and MR-defecography  
• To understand the added value of MR-defecography  
• To become familiar with normal findings and the spectrum of diseases in anorectal dysfunction

19:00  Q & A

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18:30 – 19:30  **TUTORIAL**  

**CHOLANGIOCARCINOMA AND MIMICS**  
B. Gallix, Strasbourg/FR; H.-J. Jang, Toronto, ON/CA

Learning Objectives:  
• To become familiar with the typical growth patterns and imaging findings of both intra- and extrahepatic cholangiocarcinoma  
• To learn about the prevalence and clinical implications of mixed hepatocellular-cholangiocellular carcinoma  
• To describe those biliary tumours and pseudotumours that mimic cholangiocarcinoma
TUTORIALS

08:15 – 09:15  ET 11  OPTIMISING THE STAGING OF PERITONEAL MALIGNANCY IN 2021 #TECHNICAL TIPS
M. Lahaye, Amsterdam/NL; V. Vandecaveye, Leuven/BE

Learning Objectives:
Based on case files, the speakers will present why, when and how to incorporate specific imaging techniques and discuss the diagnostic challenges with the attendees.
At the conclusion of this live activity, participants will be able to:
• Identify the main challenges related to new imaging techniques
• Understand the added value of new imaging techniques in different clinical scenarios
• Recommend new imaging algorithms for better patient management

08:15 – 09:15  ET 12  INFLAMMATORY BOWEL DISEASE #STRUCTURED REPORTING
M. Zappa, Paris/FR; J. Rimola, Barcelona/ES

Learning Objectives:
Based on case files, the speakers will present relevant diagnostic findings and the important information on disease staging to be included in a structured report.
At the conclusion of this live activity, participants will be able to:
• Identify relevant imaging findings to be included in a standardised report
• Use templates reflecting the radiologist style and approach in different clinical scenarios
• Understand the added value of structured reporting for better patient management
FRIDAY, JUNE 18

LECTURE SESSION

10:00 – 11:30  LS 5  WHEN AND HOW TO BOOST YOUR ABDOMINAL PROTOCOLS

Moderators: A. Cieszanowski, Warsaw/PL; C. Clarke, Nottingham/UK

10:00  Advanced DWI
D.M. Koh, Sutton/UK

Learning Objectives: • To learn about the technical principles of DWI and to understand tailoring DWI protocols to the clinical questions. • To understand the different models describing diffusion. • To learn about the optimisation of DWI protocols in various abdominal organs and diseases. • To become familiar with advanced post-processing techniques including deep learning reconstruction techniques.

10:15  Abbreviated MR protocols
B. Taouli, New York, NY/US

Learning Objectives: • To review the rationale for shortening standard protocols in abdominal MRI. • To be familiar with the possible strategies for shortening MRI protocols. • To learn about the current indications of shortened MR protocols in evaluating abdominal viscera. • To consider the advantages and pitfalls of abbreviated MRI protocols.

10:30  CT perfusion
V. Goh, London/UK

Learning Objectives: • To discuss the underlying fundamental processes and pharmacokinetic models used in CT perfusion. • To understand the relationship between CT perfusion parameters and pathologic features of angiogenesis. • To learn the clinical indications in the abdomen, and how to optimise CT perfusion protocols. • To be familiar with the pros and cons of CT perfusion and to be aware of future developments.

10:45  Dual energy CT
L. Guimarães, Toronto, ON/CA

Learning Objectives: • To appreciate the possible benefits of this technology and its post-processing applications, in comparison with single-energy CT. • To understand the drawbacks of the technique including post-processing time. • To learn about the current applications of dual-energy CT in evaluating abdominal viscera.

11:00  Discussion / Q & A
10:00 - 11:30  LS 6  HYBRID IMAGING AND WHOLE-BODY MRI IN CHANNEL 2

GI CANCER: WHERE DO WE STAND AND WHERE DO WE GO?
Moderator: B. Op de Beeck, Antwerp/BE

10:00  Oesophageal cancer
A. Riddell, London/UK

Learning Objectives:
• To understand the radiological staging of oesophageal cancer.
• To learn the current role of hybrid and whole-body imaging in staging oesophageal cancer.
• To appreciate the future potential of hybrid and whole-body imaging in staging oesophageal cancer.

10:15  Neuro-endocrine tumours
S. Pötter-Lang, Vienna/AT

Learning Objectives:
• To understand the radiological staging of neuro-endocrine tumours.
• To learn the current role of hybrid and whole-body imaging in staging neuro-endocrine tumours.
• To appreciate the future potential of hybrid and whole-body imaging in staging neuro-endocrine tumours.

10:30  Colorectal cancer
S.A. Taylor, London/UK

Learning Objectives:
• To understand the radiological staging of colorectal cancer.
• To learn the current role of hybrid and whole-body imaging in staging colorectal cancer.
• To appreciate the future potential of hybrid and whole-body imaging in staging colorectal cancer.

10:45  What is the role of PET-MRI versus PET-CT?
O. Catalano, Boston, MA/US

Learning Objectives:
• To appreciate the relative advantages and disadvantages and the indications of PET-MRI and PET-CT in staging abdominal and GI tract malignancies.
• To learn the current role of PET-MRI in staging abdominal and GI tract malignancies.
• To understand the future potential of PET-MRI compared to PET-CT in staging abdominal and GI tract malignancies.

11:00  Case-based discussion / Q & A
FRIDAY, JUNE 18

SCHOOL OF ESGAR

10:00 – 11:30  SOE5 POST- THERAPY IMAGING EVALUATION  CHANNEL 3
Moderators: J. Stephenson, Leicester/UK; S. Nougaret, Montpellier/FR

10:00  Post-therapy imaging evaluation in HCC
S. Mulé, Créteil/FR

Learning Objectives:
• To know the basic principles and standards of post-therapy imaging evaluation
• To become familiar with post-therapeutic imaging findings related to previous surgery or locoregional therapy of HCC

10:30  Post-therapy imaging evaluation in rectal cancer
I. Santiago, Lisbon/PT

Learning Objectives:
• To know the basic principles and standards of post-therapy imaging evaluation
• To become familiar post-therapeutic imaging findings related to previous surgery, intervention or radiochemotherapy of rectal cancer
• To know criteria for differentiating post-therapeutic fibrosis and local recurrence of rectal cancer

11:00  Q & A

RESEARCH TUTORIAL

11:45 – 12:45  RT 3 HOW TO GET ABSTRACTS AND PAPERS PUBLISHED  CHANNEL 3
A. Plumb, London/UK; D. Lambregts, Amsterdam/NL

Learning Objectives:
• To learn key tips for writing a coherent and concise scientific abstract
• To become familiar with the main steps to prepare a manuscript for submission to a peer-reviewed scientific journal
• To understand common errors, how to avoid them, and resources and guidelines that are available for prospective authors

12:25  Q & A
FRIDAY, JUNE 18

HONORARY LECTURE
12:45 – 13:15  HL 3  ASAR HONORARY LECTURE  CHANNEL 1
Moderator: R.G.H. Beets-Tan, Amsterdam/NL

Imaging evaluation of the liver for HCC: beyond guidelines
C.H. Tan, Singapore/SG

TUTORIAL
13:15 – 14:15  ET 13  THE THICKENED BOWEL WALL  CHANNEL 2
#CASE-BASED #FROM MY WORKSTATION
E. Biscaldi, Genoa/IT; S. Gourtsoyianni, Athens/GR

Learning Objectives:
• To understand the appearances of normal bowel on imaging and how to diagnose thickened bowel
• To learn about the range of pathologies that cause thickened bowel wall
• To appreciate the differential diagnosis of thickened bowel wall and the imaging and clinical features, which aid the radiologist in making a diagnosis
13:15 – 14:15 SSL 3 BEST PAPERS IN GI LUMINAL AND LIVER IMAGING CHANNEL 3

M. Lewin, Villejuif/FR; D. Ippolito, Monza/IT

13:15 SSL 3.1 Contribution of standard MR enterography protocol sequences to diagnostic accuracy in Crohn’s disease: results from the METRIC trial

13:23 SSL 3.2 Fibrosis and disease activity (MAGNIFI-CD index) at MRI of Crohn’s perianal fistulas in relation to long-term clinical closure

13:31 SSL 3.3 Reliability of LI-RADS v.2018 and EASL criteria in small liver observations using extracellular and hepatobiliary contrast agents: a comparative study
M. Ronot1, V. Sapena2, G. Brancatelli3, A. Paisant4, M. Renzulli5, S. Terraz6, M. Wagner7, J. Rimola8; 1Clichy/FR, 2Barcelona/ES, 3Palermo/IT, 4Angers/FR, 5Bologna/IT, 6Geneva/CH, 7Paris/FR

13:39 SSL 3.4 Liver volume: association with anthropometric parameters and liver function
A. Messner1, I. Shchekoturov2, D. Venidiktova3, A. Kristic4, M. Raudner1, S. Poter-Lang1, N. Bastati-Huber1, A. Ba-Ssalamah1; 1Vienna/AT, 2Moscow/RU, 3Smolensk/RU

13:47 SSL 3.5 Clinical and gadoxetic acid-enhanced MRI features associated with high-risk hepatic adenomas
J.R. Tse, B. Naini, D. Lu, S. Raman; Los Angeles, CA/US

13:55 SSL 3.6 MRI-assessed enteric dysmotility and luminal content analysis in irritable bowel syndrome patients with constipation and bloating

14:03 SSL 3.7 Intestinal malrotation in adults: prevalence and findings based on CTC
A. Perez, P.J. Pickhardt; Madison, WI/US
FRIDAY, JUNE 18

PLENARY SESSION

14:15 – 16:15  PS 4  NICK GOURTSOYIANNIS’ FOUNDATION COURSE 1  CHANNEL 1  
RADIOLOGIC-PATHOLOGIC CORRELATION: UNUSUAL  
HEPATO-BILIARY LESIONS  
Moderator: M.A. Bali, Brussels/BE

14:15  Cystic lesions  
J.M. Lee, Seoul/KR

Learning Objectives:
• To illustrate representative cases of cystadenoma and cystadenocarcinoma of the bile ducts including clinical presentation and laboratory findings
• To describe specific imaging findings and to discuss the differential diagnosis
• To describe the multidisciplinary management approach and to propose a treatment decisional algorithm
• To correlate the imaging findings of the presented cases with the pathologic diagnosis

14:40  Infectious diseases: hydatic cysts  
M. Karcaaltincaba, Ankara/TR

Learning Objectives:
• To illustrate unusual cases of hepatic hydatic cyst including clinical presentation and laboratory findings
• To describe specific imaging findings and to discuss the differential diagnosis
• To describe the multidisciplinary management approach and to propose a treatment decisional algorithm
• To correlate the imaging findings of the presented cases with the pathologic diagnosis

15:05  Q & A
14:15 – 16:15  PS 5  NICK GOURTSOYIANNIS’ FOUNDATION COURSE 2  CHANNEL 1
RADIOLOGIC-PATHOLOGIC CORRELATION:
ACUTE ABDOMINAL CONDITIONS
Moderator: M.A. Bali, Brussels/BE

15:15  Acute and chronic mesenteric ischemia
M. Ronot, Clichy/FR

Learning Objectives:
• To illustrate cases of acute and chronic mesenteric ischemia including clinical presentation and laboratory findings
• To describe specific imaging findings and to discuss the differential diagnosis
• To describe the multidisciplinary management approach and to propose a treatment decisional algorithm
• To correlate the imaging findings of the presented cases with the pathologic diagnosis

15:40  Internal hernias
A. Blachar, Tel Aviv/IL

Learning Objectives:
• To illustrate the classical appearance of the most common internal hernias including transmesenteric, paraduodenal, pericecal hernias
• To describe specific imaging findings and to discuss the differential diagnosis
• To correlate the imaging findings of the presented cases with surgical and pathologic diagnosis

16:05  Q & A
ON-DEMAND PROGRAMME

Scientific Sessions
SSD 1.1 Can preoperative CT scan and bioimpedance vector analysis help to predict the development of pancreatic fistula?
C. Maino¹, D. Ippolito², M. Ragusi², D. Gandola², C. Talei Franzesi², T.P. Giandola³, S. Sironi¹; ¹Milan/IT, ²Monza/IT

SSD 1.2 Malignancy prediction in patients with intraductal papillary mucinous neoplasm: are we getting better with additional new imaging features?
R. Pozzi Mucelli¹, C.F. Moro¹, R. Valente², M. Del Chiaro³, M. Löhr¹, N. Kartalis¹; ¹Stockholm/SE, ²Umeå/SE, ³Aurora, CO/US

SSD 1.3 Quantitative edge analysis of pancreatic margins in patients with chronic pancreatitis: a correlation with exocrine function
A. Grecchi, M.C. Ambrosetti, A. Ambrosetti, A. Amodio, G.A. Zamboni, G. Mansueto; Verona/IT

SSD 1.4 An abbreviated MRI protocol for surveillance of cystic pancreatic lesions
F. Delaney, H. Fenlon, C. Cronin; Dublin/IE

SSD 1.5 How are imaging findings associated with exocrine insufficiency in idiopathic chronic pancreatitis?
A. Chandramohan, R. Shetty, G. Kumbhar, A. Thomas, S.D. Chowdhury; Vellore/IN

SSD 1.6 Pancreatic CT attenuation index as a marker of impaired glucose metabolism
A. Jeyakumar, P. Panneerselvam, R. Ramachandran, V.S. P.M; Chennai/IN

SSD 1.7 Assessment of pancreatic tumour response on LDE225, gemcitabine and nab-paclitaxel using intravoxel incoherent motion MRI

SSD 1.8 Quantitative edge analysis for the diagnosis of pancreatic carcinoma
M. Bariani, G.A. Zamboni, M.C. Ambrosetti, A. Ambrosetti, G. Malleo, G. Mansueto; Verona/IT

SSD 1.9 Efficacy of MRI in the non-invasive differentiation between focal pancreatitis and pancreatic cancer
A. Kristic, A. Messner, C. Spick, A. Herold, N. Bastati-Huber, S. Pötter-Lang, A. Ba-Ssalamah; Vienna/AT

SSD 1.10 Role of contrast-enhanced US in grading the severity of acute pancreatitis
S. Kiran, R. Ananthakrishnan, G.S. Sreenath, R. Kashyap; Puducherry/IN

SSD 1.11 Optimization of MR elastography in the pancreas
A.-S. Van Schelt¹, N. Wassenaar², E. Schrauben³, M. Troelstra³, J.L. Nelissen³, R. Sinkus⁴, J. Stoker⁴, A.J. Nederveen³, J. Runge¹; ¹Amsterdam/NL, ²London/UK
SSD 2  FOCAL LIVER LESIONS

SSD 2.1 Outcomes of indeterminate LI-RADS observations occurring after hepatitis C virus eradication with direct-acting antiviral therapy
R. Cannella, G. Pilato, F. Vernuccio, C. Celsa, C. Cammà, G. Brancatelli; Palermo/IT

SSD 2.2 Outcome of LR-3 and LR-4 observations without arterial phase hyperenhancement at gadoxetic acid-enhanced MRI follow-up
I. Viola, F. Agnello, L. Rabiolo, F. Midiri, L. La Grutta, M. Galia; Palermo/IT

SSD 2.3 Influence of dilution on the transient severe motion artifacts and signal intensity of gadoxetic acid-enhanced liver MRI

SSD 2.4 Intact tumour capsule on contrast-enhanced CT as a prognostic marker for patients with HCC undergoing stereotactic body radiation therapy
S. Mak, C.L. Chiang, S.M. Wong, K.W.H. Chiu; Hong Kong/HK

SSD 2.5 Accuracy of radiomics on gadoxetate disodium-enhanced MRI for the prediction of response in patients with HCC after transarterial embolization
R. Cannella, C. Cammà, F. Vernuccio, F. Matteini, C. Celsa, P. Giuffrida, A. Comelli, C. Cammà, G. Brancatelli; Palermo/IT

SSD 2.6 Intraindividual comparison of LI-RADS category and imaging features on contrast-enhanced CT and MRI
F. Agnello, R. Cannella, F. Vernuccio, M. Midiri, G. Brancatelli, M. Galia; Palermo/IT

SSD 2.7 Synthetic diffusion-weighted MRI in patients with HCC: feasibility versus conventional acquired diffusion-weighted MRI
S. Yao, Y. Wei, B. Song; Chengdu/CN

SSD 2.8 LI-RADS ancillary features favoring benignity: is there a role in LR-5 observations?
F. Matteini, R. Cannella, M. Antonucci, D.S. Gagliano, F. Vernuccio, G. Brancatelli; Palermo/IT

SSD 2.9 Role of radiomics in predicting the degree of differentiation of HCC in patients with liver cirrhosis: a preliminary study
F. Damato, M. Di Martino, G. Tatulli, C. Catalano, M. Bezzi; Rome/IT
SSD 3.1 GI stromal tumors: relationship between prooperative CT features and pathologic risk stratification
G. Danti, G. Grazzini, D. Palatresi, F. Fedeli, D. Cozzi, S. Pradella, V. Miele; Florence/IT

SSD 3.2 Magnetization transfer MRI and T2-weighted MR texture analysis for the assessment of intestinal fibrosis in a chronic colitis mouse model
I. De Kock, S. Bos, L. Delrue, P. Hindryckx, M. De Vos, D. Laukens, G.M. Villeirs; Ghent/BE

SSD 3.3 Influence of oral contrast type and volume on patient experience and quality of luminal distension at MR enterography in Crohn’s disease

SSD 3.4 Interobserver variation in the interpretation of MR enterography in Crohn’s disease

SSD 3.5 The relationship between CT features and histomorphological features and immunohistochemical expression of GI stromal tumors
N. Gunduz, M.B. Dogan, H. Seneldir, O. Ekinci, I.M. Leblebici, O. Alimoglu; Istanbul/TR

SSD 3.6 Performance of CT texture analysis in the response to therapy and survival prediction of advanced gastric cancer after neoadjuvant chemotherapy
M. Zerunian, C. Rucci, M. Polici, B. Bracci, E. Berardi, D. Caruso, A. Lachi; Rome/IT

SSD 3.7 Local staging of colon tumors with MRI
L. Soydan; Istanbul/TR
## SSD 4  DIFFUSE LIVER DISEASES

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<th>Title</th>
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<td>Automated deep learning CT-based liver volume segmentation: defining normal and hepatomegaly for clinical practice</td>
<td>A. Perez¹, V. Noe-Kim¹, M. Lubner¹, R. Summers², P.J. Pickhardt¹; ¹Madison, WI/US, ²Bethesda, MD/US</td>
</tr>
<tr>
<td>SSD 4.2</td>
<td>CT portography with esophageal variceal measurements may be used for the evaluation of esophageal variceal severity</td>
<td>S. Wan, B. Song, X. Zhang, Y. He; Chengdu/CN</td>
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<td>SSD 4.3</td>
<td>Quantitative evaluation of liver steatosis with dual-energy on 3rd-generation dual-source CT: comparison with surgical specimen</td>
<td>A. Agostini, M. Tufillaro, A. Borgheresi, L. Ottaviani, R. Rossi, F. Puccio, A. Mandolesi, M. Vivarelli, A. Giovagnoni; Ancona/IT</td>
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<tr>
<td>SSD 4.4</td>
<td>Interobserver variability in the evaluation of MR elastography in patients with fibrotic liver disease</td>
<td>M. Raudner¹, D. Bencikova¹, S. Pötter-Lang¹, N. Bastati-Huber¹, I. Shchekoturov², S. Kannengiesser³, M. Krššák¹, A. Ba-Ssalamah¹; ¹Vienna/AT, ²Moscow/RU, ³Erlangen/DE</td>
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<tr>
<td>SSD 4.5</td>
<td>Interpretable machine learning for predicting stereotactic body radiation therapy early response in liver colorectal cancer metastasis</td>
<td>S. Waktola, D. Van Der Velden, F. Castagnoli, R.G.H. Beets-Tan; Amsterdam/NL</td>
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<td>SSD 4.6</td>
<td>Spleen volume as a predictor of hepatic decompensation in patients with chronic liver disease</td>
<td>L. Beer, N. Bastati-Huber, S. Pötter-Lang, J.C. Hodge, Y. Bican, T. Reiberger, M. Mandorfer, A. Ba-Ssalamah; Vienna/AT</td>
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<tr>
<td>SSD 4.7</td>
<td>Safe application of the up-to-seven criteria as the upper limit of transplantability in patients with HCC</td>
<td>E. Damato, M. Di Martino, G. Tatulli, P. Lucatelli, M. Bezzi, C. Catalano; Rome/IT</td>
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¹Vitacura/CL, ²Recoleta/CL

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**SE-010** Spectrum of various anterior abdominal wall lesions on cross sectional imaging

R. Ramachandran, N. Nagarajan, A. Jeyakumar, K. Athiyappan, V.S. P.M; Chennai/IN

**GI TRACT – OESOPHAGUS**

**SE-011** Dose of exposure to ionizing radiation during videofluoroscopy in pediatric age

S. Doratiotto, E. Carraro, I. Scardone, S. Martellossi, P. Midrio, M. Gasparella; Treviso/IT

**GI TRACT – RECTUM**

**SE-012** MRI after Pancreaticoduodenectomy: early postoperative findings and complications

I. Costa, G. Zamboni, M.C. Ambrosetti, M. Gasparetto, G. Mansueto; Verona/IT

**SE-013** 18F-FDG PET/CT in the differentiation between MRI-diagnosed nodal disease and tumor deposits in locally advanced rectum carcinoma

F. Van Der Pal, J. Nederend, A. Daniels-Gooszen, J. Burger, H. Rutten, M. Roel; Eindhoven/NL
POSTER PRESENTATION – SCIENTIFIC

SE-014  Stage migration rates in MRI of early and polyp rectal cancers
A. Chandramohan, A. Patra, A. Eapen, B. Simon, R. John, D. Mashi, M. Jesudason, R. Mittal; Vellore/IN

SE-015  Extramural Venous Invasion (EMVI) and decreased tumor blood flow on MRI are associated with shorter progression free long-term survival in patients with rectal cancer
A.K. Lunder1, S. Meltzer1, K. Bakke1, E.A. Frøyen1, L.G. Lyckander1, O.J. Granda1, S.H. Holmedal1, N. Grønli1, A.H. Ree1, K. Redalen1, A. Negard1; 1Lørenskog/NO, 2Gjøtten/NO, 3Trondheim/NO

GI TRACT – SMALL BOWEL

SE-016  MR enterography for Crohn’s disease: a retrospective analysis of the population of Northern Greece
C. Chavari, A. Sotiriadou, M. Kosmidou, M.-M. Vogiatzi, A. Gkagkalis, G. Giagianas, A. Morihovitou; Thessaloniki/GR

IMAGE GUIDED THERAPY

SE-017  Simulation Training for Abdominal Image Guided Therapy – A Pilot Model for Training of Young Interventional Radiologists
W.T.V. Chan; Kowloon/HK

LIVER – DIFFUSE LIVER DISEASE

SE-018  Computed Tomography Liver Density pattern in SARS-CoV-19 patients – is this a relevant finding?
D. Putrins, A. Mičena, E. Birkenfeld, A. Agera, M. Radziņa; Riga/LV

SE-019  Correlation between Hepatorenal Index and Attenuation Imaging for assessing hepatic steatosis
S. Srigandan1, M. Zelesco2, C. Welman3; 1Perth, WA/AU, 2Murdoch, WA/AU

LIVER – FOCAL LIVER LESIONS

SE-020  Assessment of Usefulness of Visualized Grading System of Hepatic Steatosis using Unenhanced CT: qualitative and quantitative analysis in a Korean population

LIVER – TRANSPLANTATION

SE-021  Major gastric resection: another cause of focal hepatic steatosis?
G. Porrello, R. Cannella, F. Vernuccio, M. Midiri, G. Brancatelli; Palermo/IT

SE-022  Incidental focal nodular hyperplasia in male adults: 10-year experience of a large liver centre
C. Corallo, C. Smith, J. Bell, T. Kaye, A. Laverty, M. Mohsin, R. Prasad, R. Albazar; Leeds/UK

SE-024  A Proposed Classification System to Differentiate Mucinous Cystic Neoplasm of the Liver from Benign Cysts
A. Hardie, M. Kovacs; Charleston, SC/US

MAGNETIC RESONANCE

SE-025  Bare-metal stent as salvage treatment for refractory benign biliary strictures after pediatric liver transplant: experience in a case series
P. Marra1, F.S. Carbone2, L. Dulcetta2, P.A. Bonaffini1, S. Sironi2; 1Bergamo/IT, 2Milan/IT

SE-026  To evaluate the role of FDG PET-CT in the diagnosis of the infective complications after organ transplantation of malignant cause.
S. Shaikh; Hyderabad/IN

SE-027  The assessment of MRE in paediatric patients with clinical symptoms suggesting Crohn’s disease
M. Piekarska, M. Kuczyńska, M. Zbroja, W. Cyranek, K. Siejka, M. Grzegorczyk, M. Nowakowska, A. Brodzisz, M. Woźniak; Lublin/PL
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<td>To Evaluate the Unknown Primary Site of Tumour with 68Ga-DOTATOC PET/CT in Patients with Known Metastatic Neuroendocrine Tumor</td>
<td>S. Shaikh, Hyderabad/IN</td>
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<td>Impact of COVID-19 on PET-CT evaluation of liver metastases in colorectal cancer</td>
<td>C. Chew, P. O’Dwyer, L. Hartley, M. Dempsey; Glasgow/UK</td>
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<td>Comparison of Deep Learning and Radiomics Features for the Prediction of Progression-Free Survival in Patients with Neuroendocrine Tumours</td>
<td>M. Ronot1, M. Pavel1, C. Dromain3, N. Schaefer3, D. Mandair4, D. Gueguen5, D. Elvira5, K. Schutte6, F. Balazard6, O. Dehaene6; 1Clichy/FR, 2London/UK, 3Lausanne/CH, 4London/UK, 5Boulogne-Billancourt/FR, 6Paris/FR</td>
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<td>Incidental pancreatic cysts: outcomes of surveillance and recommendations on imaging follow-up</td>
<td>J.-Y. Kowa, J. Gabriel, K. Patel, P. Patel, J. Barber, J. Patel, N. Patel; London/UK</td>
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<td>Multidetector computed tomography in non-invasive diagnosis of pancreatic fibrosis in patients with chronic pancreatitis</td>
<td>K. Lesko, D. Bordin, J. Kuleznewa, N. Orlova, E. Dubtsova, B. Nikitin, E. Tyulyaeva, M. Malykh, L. Vinokurova; Moscow/RU</td>
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<td>Assessment of magnetic resonance elastography in chronic pancreatitis patients and its correlation with T1 mapping</td>
<td>E. Steinkohl, S. Schou Olesen, A. Mohr Drewes, J. Brøndum Frøkjær; Aalborg/DK</td>
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<td>SE-037</td>
<td>Implementation of Structured Reporting in Magnetic Resonance Imaging for Staging of Primary Rectal Tumours – Experience in a Tertiary Referral Centre in Hong Kong</td>
<td>W.T.V. Chan; Kowloon/HK</td>
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<td>Music and pain during rectal ultrasound: A questionnaire study</td>
<td>M.R. Pedersen, C. Dam, S.T. Rafaeelsen; Vejle/DK</td>
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ESGAR 2021 – European Society of Abdominal Radiology

Virtual Liver Symposium

15th June 2021, 14:30 – 15:30
14:30 – 15:30  SY 1  CONTRAST-ENHANCED MR IMAGING OF HEPATOCELLULAR CARCINOMA, THE VALUE OF A MULTIDISCIPLINARY APPROACH
Moderator: R. Manfredi, Rome/IT

14:30  Introduction
R. Manfredi, Rome/IT

14:35  Panel Discussion
L. Grazioli, Brescia/IT
A. Fretland, Oslo/NO
T. Berg, Leipzig/DE

15:25  Q & A
12:15 – 13:15  SY 2  MALIGNANT FOCAL LIVER LESIONS –
FROM DIAGNOSIS TO FOLLOW-UP AFTER TREATMENT
Moderator: L. Grazioli, Brescia/IT

12:15  Introduction
L. Grazioli, Brescia/IT

12:20  Hepatobiliary contrast agents in the diagnosis of hepatocellular carcinoma;
current applications, differences and challenges
L. Grazioli, Brescia/IT

12:35  State-of-the-art oncological treatment and its monitoring with CT
M. Eisenblätter, Freiburg/DE

12:50  Contrast-enhanced ultrasound in the follow-up of treated lesions
F. Meloni, Como/IT

13:05  Q & A
Our dedication to your procedure

Almost 100 million procedures globally rely on our contrast media every year\(^1\)

That’s a lot of people counting on us to get things right – and a responsibility we take personally. That’s why from production to procedure, for now and for the future, we’re committed to helping you deliver clinical excellence through our commitment to make your life easier with our contrast media capabilities and product innovations.

We are proud to support virtual ESGAR 2021.

SAVE THE DATE
We have an interesting and informative symposium planned Wednesday 16 June, 17:15-18:15 CET so look forward to seeing you there.

Reference: 1. GE Healthcare Data on File_Contrast Media Demand.
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03-2021 JB00377UK/OS
17:15 – 18:15  **SY 3**  
**GE HEALTHCARE SYMPOSIUM**  
**CT AND MR RADIOMICS TO EVALUATE TREATMENT RESPONSE IN ABDOMINAL AND GI TRACT TUMOURS**  
Moderator: E. Neri, Pisa/IT

17:15  
**Introduction to radiomics**  
E. Neri, Pisa/IT

17:20  
**CT radiomics**  
M. Mayerhöfer, Vienna/AT

17:45  
**MR radiomics**  
L. Fournier, Paris/FR

18:10  
**Q & A**
Challenge your Expertise in Advanced Abdominal Clinical Cases

Chairperson:
Giuseppe Brancatelli (Italy)

Thursday, June 17th
12h - 13h CET

Introduction

Challenge your expertise on advanced clinical cases presented by:

- Giuseppe Brancatelli (Italy):
  Focal liver lesions
- Bachir Taouli (USA):
  Diffuse liver disease
- Marc Zins (France):
  Pancreas and Bowel

Q&A and Conclusion

Click here or scan to add this event to your calendar

Click here or scan to register
12:00 – 13:00  SY 4  CHALLENGE YOUR EXPERTISE IN ADVANCED ABDOMINAL CLINICAL CASES
Moderator: G. Brancatelli, Palermo/IT

12:00  Introduction
G. Brancatelli, Palermo/IT

12:03  Focal liver lesions
G. Brancatelli, Palermo/IT

12:18  Diffuse liver disease
B. Taouli, New York, NY/US

12:33  Pancreas and bowel
M. Zins, Paris/FR

12:48  Q & A