ESGAR 2020
Virtual Congress

Detailed Programme
Live streamed sessions
from
May 19 – 22, 2020

TUESDAY, MAY 19

11:45 **Opening Session** **CHANNEL 1**
R. Beets-Tan, Amsterdam/NL
J. Stoker, Amsterdam/NL

12:30 **Opening Lecture** **CHANNEL 1**
Moderators: J. Stoker, Amsterdam/NL

The evaluation of medical tests: from results to consequences
P. Bossuyt, Amsterdam, NL

13:00 **COVID-19 Session** **CHANNEL 1**

How radiology departments and hospitals organised and adapt their response to the viral outbreak
Moderators: M. Zins, Paris/FR; J. Stoker, Amsterdam/NL

A Korean experience
Seung Eun Jung, Seoul/KR

An Italian experience
A. Laghi, Rome/IT

A Spanish experience
L. Marti-Bonmati, Valencia/ES

A French experience
A. Luciani, Paris/FR

Q & A

TUESDAY, MAY 19

14:00 **ESGAR 2020 POSTGRADUATE COURSE** **CHANNEL 1**
Gastrointestinal cancer and inflammatory disease: the road ahead

PG 3 **Perianal Crohn's disease: all you need to know**
Moderators: J. Stoker, Amsterdam/NL; S. Taylor, London/UK

14:00 **What the gastroenterologist and surgeon need to know**
C. Buskens, Amsterdam/NL (surgeon)

Learning objectives:
To learn about the pathogenesis and prevalence of perianal fistulas in Crohn's disease
To become familiar with non-surgical and surgical treatment options in patients with perianal Crohn's disease
To know what to report to help gastroenterologists and surgeons determine the optimal treatment

14:20 **How to perform MRI for Crohn's perianal fistulas**
K. Horsthuis, Amsterdam/NL

Learning objectives:
To learn anal and perianal anatomy on MRI
To know the sequences used for MRI of perianal fistulas

14:40 **MRI of perianal fistulas: classification and disease activity**
A. Plumb, London/UK

Learning objectives
To learn the classification of perianal fistulas
To become familiar with the MR imaging features of active perianal Crohn's disease
To learn a systematic approach for interpreting and reporting MRI of perianal fistulas

15:00 **Case based discussion**
Pre-prepared MDM-type cases to highlight the teaching points by moderators

WEDNESDAY, MAY 20

12:00 – 13:15 **CHANNEL 1**

LS 1 **Multidisciplinary management of pancreatic adenocarcinoma in 2020**
Moderator: C. Matos, Lisbon/PT

12:00 **How to diagnose**
M.A. Bali, Brussels/BE

Learning objectives:
To become familiar with standard CT and MR acquisition protocols
To learn about CT and MR diagnostic performance in tumour detection and staging
To understand the optimal imaging approach for tumour re-staging

12:15 **Multidisciplinary panel discussion**
Panellists:
M.A. Bali, Brussels/BE
M.G.H. Besselink, Amsterdam/NL (surgeon)
G. van Tienhoven, Amsterdam/NL (radiotherapist)
H. Wilmink, Amsterdam/NL (oncologist)

11:45 – 13:15 **CHANNEL 2**

SOE 1 **Assessing the peritoneum (School of ESGAR)**
Moderator: P. Prassopoulos, Thessaloniki/GR

11:45 **Main anatomy of the peritoneum**
F. Maccioni, Rome/IT

Learning objectives:
To understand the peritoneal ligaments, mesenteries and their relation to peritoneal organs on cross-sectional imaging
To understand the peritoneal spaces, their communications and the main pathways for disease spread
To understand the anatomy of the retroperitoneum and extraperitoneal compartment and understand the main pathways of disease spread

12:30 **Peritoneal disease and interpretation**
C. Stoupis, Maennedorf/CH

Learning objectives:
To list peritoneal tumours, learn their characteristic imaging findings and discuss the differential diagnosis
To understand the impact of imaging in the treatment and management of peritoneal tumours
To learn the most common pathologic conditions with secondary peritoneal involvement

WEDNESDAY, MAY 20

11:30 – 12:30 **CHANNEL 3**

VT 1 (ET 1) **Focal liver lesions: challenging cases (from my workstation)**
F. Caseiro Alves, Coimbra/PT; V. Vilgrain, Clichy/FR

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. These tutorials 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

12:45 – 13:15 **CHANNEL 3**

VT 2 (ET 9) **GI tract perforation (single topic)**
D. Tolan, Leeds/UK

Learning objectives:
To know the causes of GI tract perforation
To learn the imaging features of GI tract perforation on US and CT
To understand the role of US and CT in diagnosing GI tract perforation

13:30 – 14:15 **CHANNEL 1**

VT 3 (US 4) **Future of abdominal US**
L.B.C.M. Puylaert, The Hague/NL

Learning objectives:
Learn how abdominal ultrasound can play a key role in the primary triage of abdominal symptoms
Learn how to cope with the tsunami of ultrasound probes outside the radiology department
Learn how to integrate US and CT findings and clinical picture

13:30 – 14:15 **CHANNEL 2**

VT 4 (ET 14) **Post-treatment evaluation of rectal cancer 2.0 (single topic)**
D. Lambregts, Amsterdam/NL; L. Curvo-Semedo, Coimbra/PT

Learning objectives:
To learn about typical patterns of response after neoadjuvant treatment
To understand the benefit, pearls and pitfalls of diffusion-weighted MRI
To learn how to optimise your post-treatment MR report

WEDNESDAY, MAY 20

13:30 – 14:15 **CHANNEL 3**

VT 5 (ET 25) **LIRADS in clinical practice: challenging cases (from my workstation)**
C. Sirlin, San Diego, CA/US, V. Chernyak, New York, NY/US

Learning objectives:
At the conclusion of this live activity, participants will be able to:
• Know when and when not to apply the CT/MRI LI-RADS diagnostic algorithm
• Apply the CT/MRI LI-RADS diagnostic algorithm for straightforward and challenging cases
• Be familiar with some pitfalls in applying the CT/MRI LI-RADS diagnostic algorithm

14:30 – 15:00 **CHANNEL 1**

Anatomy Session 1 (YOUNG ESGAR)
Speakers:
D. Lambregts, Amsterdam/NL
M. Lahaye, Amsterdam/NL
C. Reiner, Zurich/CH
C. Mihl, Maastricht/NL

Learning objectives:
To understand the anatomy of the rectum, peritoneum, liver and hepatobiliary system
To learn how to interpret these anatomies on cross-sectional imaging
To understand important anatomical landmarks for tumour staging and treatment planning

THURSDAY, MAY 21

11:45 – 13:15 **CHANNEL 1**

LS 5 **Multidisciplinary management of rectal cancer in 2020**
Moderator: R. Beets-Tan, Amsterdam/NL

11:45 **Introduction**
R. Beets-Tan, Amsterdam/NL

Learning objectives:
To know how patients with rectal cancer are managed from a multidisciplinary point of view
To learn about organ preserving treatment and what we can expect in the years to come
To know the role of the radiologist and the value of MR imaging

11:50 **Rectal cancer – when to operate and when not?**
G. Beets, Amsterdam/NL (surgeon)

Learning objectives:
To understand the relevant clinical questions
To know the current status of rectal cancer surgery and organ preservation
To learn what we can expect in the years to come

12:05 **Neoadjuvant treatment in rectal cancer – what is the best strategy?**
K. Haustermans, Leuven/BE (radiation oncologist)

Learning objectives:
To become familiar with the various neoadjuvant treatment strategies (long or short course chemoradiotherapy, induction or consolidation chemo)
To know the value of these strategies in the era of organ preservation

12:20 **Multidisciplinary case-based panel discussion**
Multidisciplinary panel discussions of 5 cases with each case addressing the main diagnostic dilemmas and providing clear messages. Cases to be prepared by R. Beets-Tan and the panellists.

Panellists:
G. Beets, Amsterdam/NL
K. Haustermans, Leuven/BE
S. Rafaelsen, Vejle/DK

THURSDAY, MAY 21

11:45 – 13:15 **CHANNEL 2**

SOE 2 **Imaging protocols for the upper abdomen (School of ESGAR)**
Moderator: A. Palkó, Szeged/HU

11:45 **Upper abdominal CT protocols**
D. Ippolito, Monza/IT

Learning objectives:
To learn CT acquisitions protocols including indications for the use and timing of intravenous and intraluminal contrast agent administration
To understand how intraindividual differences (cardiac output, BMI) and differences between organs and their pathologies can impact on upper abdominal protocols
To understand common post-processing tasks and the indications for abdominal imaging studies, including multi-planar reformations (MPR), maximum intensity projections (MIP), minimum intensity projections (MinIP) and vessel analysis tools

12:30 **Upper abdominal MRI protocols**
C. Matos, Lisbon/PT

Learning objectives:
To learn about standard MRI protocols of the abdomen including indications for the use and timing of intravenous and intraluminal contrast media
To learn about common causes of image artefacts and how to avoid them
To understand which sequences are essential in specific clinical scenarios

11:45 – 12:30 **CHANNEL 3**

VT 6 (ET 8) **Richard Baron Tutorial: all you need to know about HCC**
A. Furlan, Pittsburgh, PA/US; G. Brancatelli, Palermo/IT

Learning objectives:
To learn about the appropriate imaging evaluation of focal liver lesions in patients with liver cirrhosis
To understand the imaging characteristics of hepatocellular carcinoma based on its pathophysiology
To become familiar with the LiRADs classification

12:45 – 13:30 **CHANNEL 3**

VT 7 (ET 12) **Screening with abdominal CT: new approaches using AI (single topic)**
P. Pickhardt, Madison, WI/US

Learning objectives:
To understand the spectrum of disease that is opportunistically detected on routine abdominal CT
To learn how CT may quantify the burden of opportunistically detected disease
To appreciate the role of deep learning/ artificial intelligence in detection and analysis

THURSDAY, MAY 21

13:30 – 14:15 **CHANNEL 1**

VT 8 (ET 30) **FDG PET-CT: challenging abdominal cases (from my workstation)**
M. Lahaye, Amsterdam/NL; K.G. Foley, Llantrisant/UK

Learning objectives:
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

13:30 – 14:15 **CHANNEL 2**

VT 9 (ET 34) **Bowel obstruction: challenging cases (from my workstation)**
M. Zins, Paris/FR; R. Smithuis, Leiderdorp/NL

Learning objectives:
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

13:45 – 14:15 **CHANNEL 3**

VT 10 (ET 27) **The role of hepatobiliary-specific MR contrast agents in imaging the liver and the biliary tree (technical tips)**
M. Ronot, Clichy/FR

Learning objectives:
Identify the main challenges related to hepatobiliary-specific MR contrast agents in imaging the liver and the biliary tree
Understand the added value of hepatobiliary-specific MR contrast agents in different clinical scenarios
Recommend new imaging algorithms hepatobiliary-specific MR contrast agents for better patient management

14:30 – 15:15 **CHANNEL 1**

VT 11 (ET 23) **The theory and practice of physicians' professional performance & well-being**
10 important points to stay in a good psychological state during the Pandemic, as radiologist, as healthcare professional, as someone involved in the pandemic
Moderator: L. Oudenhoven, Almelo/NL
Speaker M. Panagioti, Manchester/UK

14:30 – 15:15 **CHANNEL 2**

VT 12 (ET 33) **CTC: challenging cases (from my workstation)**
D. Boone, Colchester/UK; M. Liedenbaum, Bergen/NO

Learning objectives:
- 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

THURSDAY, MAY 21

14:30 – 15:00 **CHANNEL 3**

Anatomy Session 2 (YOUNG ESGAR)
Speakers:
D. Lambregts, Amsterdam/NL
M. Lahaye, Amsterdam/NL
C. Reiner, Zurich/CH
C. Mihl, Maastricht/NL

Learning objectives:
To understand the anatomy of the rectum, peritoneum, liver and hepatobiliary system
To learn how to interpret these anatomies on cross-sectional imaging
To understand important anatomical landmarks for tumour staging and treatment planning

FRIDAY, MAY 22

11:45 – 13:15 **CHANNEL 1**

LS 2 **Imaging after GI surgery**
Moderators: D. Tolan, Leeds/UK; F. Iafrate, Rome/IT

11:45 **Complications after bowel surgery: what should we know?**
N. Figueiredo, Lisbon/PT (surgeon)

Learning objectives:
To understand the various types of bowel reconstruction in GI surgery
To know the complications that can occur after bowel surgery and understand the relevant clinical questions
To know the treatment of anastomotic leakages and indications for abscess drainage

12:15 **Imaging of post GI surgical complications: how accurate are we?**
M. Laniado, Dresden/DE

Learning objectives:
To know the diagnostic performance of imaging methods for detecting complications after GI surgery (anastomotic leakage, abscess, internal herniation, strangulation, ischemia etc.)
To understand the imaging features of complications following GI surgery
To learn about the optimal CT imaging protocol

12:45 **The postoperative abdomen: interactive case-based discussion**
M. Laniado, Dresden/DE; N. Figueiredo, Lisbon/PT

13:05 **Q & A**

12:00 – 13:30 **CHANNEL 2**

SOE 5 **Inflammatory diseases of the pancreas and biliary tree (School of ESGAR)**
Moderator: A. Ba-Ssalamah, Vienna/AT

12:00 **Inflammatory disease of the pancreas**
H.J. Jang, Toronto, ON/CA

Learning objectives:
To learn the common types and causes of chronic pancreatitis and understand the value of radiological-clinical correlation
To learn the imaging features that help distinguish these entities from pancreatic malignancy
To understand the main imaging findings on CT and MR including functional MR studies and know the current standard for reporting

12:45 **Inflammatory disease of the biliary tree**
C. Valls, Stockholm/SE

Learning objectives:
To understand the causes and pathophysiology of primary and secondary sclerosing cholangitis
To learn the early and late imaging manifestations of primary sclerosing cholangitis, with an emphasis on a systemic approach and tailored approaches for the differential diagnosis
To understand the clinical significance of sclerosing cholangitis and the optimal patient management

FRIDAY, MAY 22

12:00 – 12:45 **CHANNEL 3**

VT 13 (IGT 2) **Acute abdominal haemorrhage**
Moderator: S. Jackson, Plymouth/UK

12:00 **Variceal upper GI haemorrhage**
C.J. Zech, Basel/CH

Learning Objectives:
To understand the pathophysiology behind portal hypertension and variceal upper GI haemorrhage
To become familiar with the indication and technique of "early TIPSS"
To appreciate potential pitfalls and complications after an "early TIPSS" procedure

12:20 **Non-variceal upper GI haemorrhage**
O.M. van Delden, Amsterdam/NL

Learning objectives:
To learn about the importance of optimising pre-procedure patient preparation
To become familiar with angiographic and embolisation techniques in patients with non-variceal upper GI intestinal bleeding
To appreciate how to avoid potential pitfalls and ensure a successful procedure

13:30 – 13:30 **CHANNEL 3**

VT 14 (ET 16) **How to succeed as a radiologist in oncologic MDT meetings: My ten "top tips"**
Y. Menu, Paris/FR

Learning objectives:
To know about the general organization of MDT and why the presence of the Radiologist is important
To appraise the clinicians' expectations of a focused, quick and understandable advice from the radiologist
To understand the DOs and DON'Ts to convey a relevant message

13:30 – 14:30 **CHANNEL 1**

PS 4 **NICK GOURTSOYIANNIS FOUNDATION COURSE**
Moderator: V. Vilgrain, Paris/FR; S. Gourtsoyianni, Athens/GR

13:30 **Cystic lesion - Solid tumour**
A. Torregrosa Andrés, Valencia/ES; M. Bauza, Valencia/ES (pathologist)

Learning objectives:
To learn the most common solid tumours and cystic lesions of the spleen
To understand the rad path correlation of the most common splenic tumours
To understand the indications for biopsy in solid splenic tumours

14:00 **Intrahepatic cholangiocarcinoma - mixed tumours (hepatocholangiocarcinoma)**
J.M. Lee, Seoul/KR

Learning objectives:
To learn the radiopathological findings of cholangiocarcinoma
To understand the prognostic factors in cholangiocarcinoma, with an emphasis on rad path correlation
To be aware of the imaging and pathological findings of hepatocholangiocarcinoma

ESGAR 2020 Virtual Congress
INDUSTRY PROGRAMME

WEDNESDAY, MAY 20

10:30 – 11:30 **CHANNEL 1**

GUERBET SYMPOSIUM: CHALLENGE YOUR EXPERTISE IN ADVANCED CLINICAL CASES

10:30 **Session #1 Liver chapter**
F. Vernuccio, Palermo/IT

10:50 **Session #2 Bowel chapter**
K. Horsthuis, Amsterdam/NL

11:10 **Session #3 Miscellaneous**
E. de Kerviler, Paris/FR

14:30 – 15:00 **CHANNEL 2**

BRACCO SYMPOSIUM: HIGHLIGHTS OF CONTRAST ENHANCEMENT IN ABDOMINAL CT

14:30 **Highlights of contrast enhancement in abdominal CT**
G. Morana, Treviso/IT

14:50 **Q&A**

15:00 – 15:45 **CHANNEL 3**

BAYER SYMPOSIUM: PRIMOVIST MATTERS IN THE CIRRHOTIC / NON-CIRRHOTIC PATIENTS

15:00 **Introduction**
G. Brancatelli, Palermo/IT

15:03 **Primovist matters in the cirrhotic patients**
G. Brancatelli, Palermo/IT

15:21 **Primovist matters in the non-cirrhotic patients**
M. Karçaaltıncaba, Ankara/TR

15:39 **Q&A**