



In cooperation with

National Cancer Center, China
Cancer Foundation of China
Committee of Esophageal Cancer, CACA
Committee of Endoscopy, CACA
Committee of Cancer Epidemiology, CACA
Committee of Cancer Etiology, CACA
Chinese Society for Diseases of the Esophagus

15th OESO World Conference

Global perspectives and novel technologies
for esophageal diseases

Beijing | November 7-9, 2019

National Convention Center Beijing, China

Presidents: Jie **He** (Beijing) – John O. **Clarke** (Stanford)

Secretaries: You-Sheng **Mao** (Beijing) – Wen-Qiang **Wei** (Beijing) – Dan **Azagury** (Stanford)



Scientific Program

Part of the program organized by OESO

www.oeso.org

French National Academy of Medicine

**ACADÉMIE
NATIONALE
DE MÉDECINE**



French National Academy of Surgery



**ACADÉMIE NATIONALE
de CHIRURGIE**

French Academy of Surgery

Introduction Prof. Robert Giuli

This small booklet is *not* the full program for the present Congress, as you have been accustomed to during the previous 14 OESO congresses.

This year, the close spirit of cooperation that has been gradually developed with our Chinese colleagues has led us to organize our 15th World Conference jointly with them.

You will therefore only find below the part of the program organized by OESO: it consists of 47 sessions that will take place using the original format of short, five minute presentations that is the hallmark of OESO congresses. You will note that many of them will benefit from the presence of some of our Chinese colleagues.

The enthusiasm of all those who chose to take part greatly helped us to set up this program and find – at a distance – a solution to the problems of completing each session.

Our gratitude first goes to the entire team that helped us in Beijing, under the prestigious aegis of Professor Jie He, seconded by Professors You-Sheng Mao and Wen-Qiang Wei.

It also goes, and rightly so, to our President Xiaoxin (Luke) Chen who has always been the essential intermediary between OESO and Beijing.

And particular emphasis must be placed on the energy deployed by John Clarke, and the irreplaceable help that his obstinate pursuit of “the” best speaker for each topic has represented for the organization of the program we are offering you today.

The publication of a series of *Review Articles* in a new volume of the *Annals* of the New York Academy of Sciences after the congress will be a prestigious conclusion to this event intended for the international scientific community.



Robert Giuli, MD, FACS, FCCP
Professor of Surgery
Founder and Deputy Executive Director of OESO

Welcome Prof. Xiaoxin Luke Chen

Dear Friends and Colleagues,

On behalf of OESO, *l'Organisation mondiale d'Etudes Spécialisées pour les maladies de l'Oesophage* (in French) or *World Organization for Specialized Studies on Diseases of the Esophagus* (in English), I welcome you to the 15th Congress in Beijing, from September 7 to 9, 2019.

Since its founding by Robert Giuli, M.D., FACS, Professor of Surgery at the University of Paris, OESO has developed an international network of esophagology. The unique goal of OESO is to bring together specialists from all relevant disciplines in order to carry out multidisciplinary studies on esophageal diseases and improve care of patients suffering from these diseases. Currently, OESO counts more than 14,000 corresponding members from 19 disciplines in 85 countries of the world under the auspice of UNESCO.

Like previous Congresses of the OESO, this Congress will bring together experts from a wide array of disciplines, ranging from molecular biology to gastroenterology to esophageal surgery and everything in between, making this a meeting unlike any other. This experience will break down the "silos" that ordinarily separate us from one another in our approach to the understanding, diagnosis and treatment of esophageal diseases. All who attend will have plenty of opportunities to form new collaborations and to learn from one another in a way that is not possible in any other venue.

Not only so, this Congress is special in two aspects:

- It is the first time for OESO to hold a Congress outside of Europe and USA. It is our first time in China and Asia! We look forward to more collaborations between the East and the West.
- OESO has launched the *OESO Platform of Esophagology* consisting of *Pilot Centers of Excellence in Esophagology* all over the world. This international Platform will facilitate interactive exchanges between clinicians, researchers, and engineers and provide high-quality training and expertise in esophagology. OESO strongly believes in training and education of a new generation of esophagologists who will push esophagology to the next level.

Therefore, I highly encourage all who are interested in the esophagus join OESO, contribute to OESO, and make OESO a great "incubator" for young esophagologists. I have no doubt that you will find OESO as an extraordinary place to not only learn, but to help move the field forward into the future through multi-disciplinary collaboration.



Xiaoxin Luke Chen
Professor of Biological and Biomedical Sciences
President 2017-2019, OESO

各位领导，各位同道，各位朋友，

我谨代表世界食管疾病研究组织（OESO），欢迎您参加2019年11月7-9日在北京举行的第15届世界食管疾病大会。

OESO自1978年由Robert Giuli教授在法国巴黎创立以来，一直致力于建立一个国际性食管病学的网络，我们的目的是召聚所有食管相关学科的专家，对食管疾病进行多学科的协作研究，从而更好地帮助患有食管疾病的病人。目前，在联合国教科文组织的帮助下，OESO在85个国家，19个学科，拥有14000多名通讯会员。

和以前的历届大会一样，出席本届大会的专家学者来自各个学科，从分子生物学，到消化内科，到外科，到各种交叉学科，这是许多其他会议无法比拟的优势。这种多学科协作方式旨在打破学科界限，促进对食管疾病机制、诊断和治疗的研究，这样所有与会人员都有很多机会建立合作关系，彼此学习。

不仅如此，本届大会有两个特别之处：

- 这是OESO第一次在欧美之外举办大会，也是第一次到中国来，到亚洲来。我们期望东方和西方的食管专家能更多的合作。
- 最近OESO发起一个全球性的食管病学平台（OESO Platform of Esophagology），它由分布在世界各地的食管病杰出中心（Pilot Centers of Excellence in Esophagology）组成。这个平台将促进临床医生、研究人员、工程技术人员的互动合作，推动优质的培训项目和专业特长。OESO坚信，只有通过训练和培养新一代的食管病学者，才能将食管病学推向更高的水准。

因此，我期望所有对食管感兴趣的同道加入OESO，服务OESO，让OESO成为一个培养新一代食管病学者的“孵化器”。同时我也相信，您会发现，在OESO不仅可以学习，而且可以藉由多学科协作，推动整个领域的进步。



陈晓欣
生物和生物医学教授
OESO主席（2017-2019）

Welcome Prof. John O. Clarke

Dear Colleagues,

Welcome to the 15th OESO World Congress, focusing on Global perspectives and novel technologies for esophageal diseases. This will be only the 2nd OESO Congress held outside of Europe & the 1st OESO Congress to be held in Asia. We are privileged to hold this conference in Beijing in cooperation with a robust Chinese partnership including the National Cancer Cancer, the Cancer Foundation of China, the Committee of Esophageal Cancer, the Committee of Endoscopy, the Committee of Cancer Epidemiology, the Committee of Cancer Etiology and the Chinese Society for Diseases of the Esophagus. There are over 150 invited faculty who are speaking in the Congress & this promises to be a really stimulating 72 hours.

On behalf of the organizers, I would like to particularly thank all of the Chairs, Discussants, Speakers and Attendees who have sacrificed their time, effort and cost to attend this congress & ensure that is of the highest quality and scientific integrity. I would also like to thank Robert Giuli, Michèle Liégeon, Luke Chen & Dan Azagury from OESO, who have worked tirelessly to make this congress possible – and I would like to thank our Chinese partners and hosts, especially Professors Jie He, You-Sheng Mao and Wen-Qiang Wei. Without the efforts of everyone on this list (and many others), this Congress would not have been possible.

As you know, OESO is a truly unique society that thrives on an interdisciplinary approach to esophageal disorders. While academics is the prime focus of the Congress (and we expect it to be excellent), we hope you will take the time to renew friendships, make new friendships, network with colleagues who share a passion for esophagology, and enjoy the food and culture of Beijing. We hope you have a wonderful experience at the Congress – and look forward to a delightful 72 hours – and hopefully future involvement in many OESO Congresses in the years and decades to follow.

With gratitude,



John O. Clarke

Director esophageal Program
Stanford University
Co-President of the Congress



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Accreditation Statement



The OESO 15th World Conference has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME[®]) with **18 European CME credits (ECMEC[®]s)**. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME[®] credits to an equivalent number of **AMA PRA Category 1 Credits[™]**. Information on the process to convert EACCME[®] credit to AMA credit can be found at www.ama-assn.org/go/internationalcme

Session 3

Thursday – November 7, 2019 – 01:00 – 03:00 am

■ Room 307 B (3rd floor)

Day 1

OESO Young Investigators Forum

Chairs: **Junichi Akiyama (Japan)** – **Minoa Jung (Switzerland)**

Gastroenterology

- Esophageal involvement in Sjögren and other systemic connective tissue disorders.
Katarina Shelter (USA)
- Gastroesophageal reflux disease in patients with systemic sclerosis. **Shiko Kuribayashi S (Japan)**
- Persistent postprandial regurgitation vs rumination in patients with refractory GERD symptoms: identification of a distinct rumination pattern using ambulatory impedance-pH monitoring.
Kenichiro Nakagawa (Japan)
- The association between mean nocturnal baseline impedance and gastroesophageal reflux burden during acid suppressive therapy. **Junko Sumida (Japan)**
- Adjunctive rapid drink challenge during high resolution esophageal manometry in the sitting position for evaluating functional esophagogastric junction outflow obstruction.
Tanisa Patcharatrakul (Thailand)

Surgery

- Lymphadenectomy in esophageal cancer surgery. **Suzanne S. Gisbertz (Netherlands)**
- Advances of robotic esophagectomy in esophageal cancer. **Felix Berth (Germany)**
- Management of esophageal ruptures. **Seung-Hun Chon (Germany)**
- Chylothorax after esophagectomy – new treatment options. **Mickael Chevally (Switzerland)**
- How to minimize complications after esophagectomy in adenocarcinoma of the esophagogastric junction? **Flavio R. Takeda (Brazil)**

Session 6

Thursday – November 7, 2019 – 03:15 – 05:15 pm

■ Room 307 B (3rd floor)

OESO Post-graduate course: Techniques and Tips in Esophageal Practice

Chairs: **Roger P. Tatum (USA)** – **Philip Wai Yan Chiu (Hong Kong)**

- Procedure selection in ineffective esophageal motility. **Roger P. Tatum (USA)**
- What to do with esophagogastric junction outlet obstruction. **C. Prakash Gyawali (USA)**
- New techniques for evaluation of esophageal motility disorders: FLIP, mucosal impedance & extended wireless pH monitoring. **Ellen Stein (USA)**
- The art of endoscopic dilation: tips & tricks. **John O. Clarke (USA)**
- Procedure selection in bariatric surgery. **Judy Chen-Meeke (USA)**
- Management of tracheoesophageal fistula. **Philip Wai Yan Chiu (Hong Kong)**
- How to improve outcomes in esophageal cancer: the intensive nutritional pathway?
Deborah Marquardt (USA)
- GERD after POEM for achalasia – clinical relevance, possible prevention, and treatment.
Lee L. Swanström (USA/France)

Session 12

Friday – November 8, 2019 – 08:00 – 08:50 am

■ Room 208 A+B (2nd floor)

Day 2

Key Update: Esophageal Physiology

Chairs: **Christian Lottrup (Denmark)** – **Longqi Chen (China)**

- How can esophageal function best be evaluated in a clinical setting? **Abraham Khan (USA)**
- What is the current knowledge on the esophago-gastric junction and its function?
Vikram Rangan (USA)
- How does sensation in the esophagus influence esophageal physiology? **Christian Lottrup (Denmark)**
- Which changes in esophageal physiology are seen in eosinophilic esophagitis? **John O. Clarke (USA)**
- How does GERD affect esophageal physiology and how can this be modulated by surgery?
Jimin Wu (China)
- What treatments exist for achalasia and how do they influence esophageal physiology?
Jun Feng Liu (China)

Session 13

Friday – November 8, 2019 – 08:00 – 08:50 am

■ Room 209 A+B (2nd floor)

Update: High-Resolution Manometry

Chairs: **C. Prakash Gyawali (USA)** – **Lihua Peng (China)**

Discussant: **Rua Shi (China)**

- What is standard equipment and protocol for High Resolution Manometry? **Justin C.Y. Wu (Hong Kong)**
- What are the components of Chicago Classification 3.0? **Lihua Peng (China)**
- What does provocative testing add to standard High Resolution Manometry? **Daphne Ang (Singapore)**
- What does impedance add to standard High Resolution Manometry? **Shreya Raja (USA)**
- What are drawbacks and limitations of Chicago Classification 3.0? **Daniela Jodorkovsky (USA)**
- What is an optimal approach to further diagnosis of esophagogastric junction outflow obstruction?
Shobna Bhatia (India)

15 min Summary: Chicago Classification: Beyond 3.0: **C. Prakash Gyawali (USA)**

Session 14

Friday – November 8, 2019 – 08:00 – 08:50 am

■ Room 210 A+B (2nd floor)

Key Update: Pathology for the non-pathologist

Chairs: **Dhanpat Jain (USA)** – **Liyan Xue (China)**

- Endoscopic resection (EMR and ESD). **Celia Marginean (Canada)**
- Eosinophilic and lymphocytic esophagitis: Pathologist perspective for the Non-pathologist.
Mikhail Lisovsky (USA)
- Esophageal carcinoma post neoadjuvant therapy and era of immunotherapy: Pathologist perspective for the Non-pathologist. **Xuchen Zhang (USA)**
- Circumferential resection margins in esophageal carcinoma: Pathologist perspective that surgeons need to know. **Liyan Xue (China)**

Session 18

Friday – November 8, 2019 – 09:00 – 09:50 am

Room 208 A+B (2nd floor)

Oropharyngeal dysphagia – Diagnostics & treatments

Chairs: **Jacqueline Allen (New Zealand)** – **Xiaoguang Ni (China)**

- Is videofluoroscopy still helping us evaluate dysphagia in the MRI era? **Jacqueline Allen (New Zealand)**
- How does speech therapy intervention help the patient with pharyngeal weakness?
Hether Starmer (USA)
- What oropharyngeal symptoms and signs should trigger esophageal evaluation?
Derrick Randall (Canada)
- Which paediatric instrumental swallow evaluations are needed to manage high risk children?
Hayley Herbert (Australia)
- Which surgical treatments address UES dysfunction long term? **Karuna Dewan (USA)**
- How can pharyngolaryngeal manometry assist in developing management pathways in oropharyngeal dysphagia? **Ellen Stein (USA)**

Session 19

Friday – November 8, 2019 – 09:00 – 09:50 am

Room 209 A+B (2nd floor)

Update: Impedance in the evaluation of motility disorders

Chairs: **Hans Gregersen (Hong Kong)** – **Luo Wei Wang (Hong Kong)**

- Which impedance-based technologies are available for studying esophageal function?
Peter Wu (Australia)
- What does intraluminal impedance measure? **Walter W. Chan (USA)**
- Is the Distensibility Index a valid measure and does it have clinical implications?
Hans Gregersen (Hong-Kong)
- Can intraluminal impedance be used to detect esophageal lumen size? **Joshua A. Sloan (USA)**
- Electrical impedance and GERD. What can be learned? **Marcelo F. Vela (USA)**
- EndoFLIP and esophageal assessment. Indications? **Shiko Kuribayashi (Japan)**

Session 20

Friday – November 8, 2019 – 09:00 – 09:50 am

Room 210 A+B (2nd floor)

Key update: Physiology for the non-physiologist

Chairs: **Jerzy Sarosiek (USA)** – **Lei Yu (China)**

- Mucosal impedance values in the healthy human esophagus: what is the best approach?
C. Prakash Gyawali (USA)
- Is some heartburn acceptable in otherwise healthy subjects? **Irene Sonu (USA)**
- Esophageal physiology of aging. **Laren Becker (USA)**
- Embarking on the role of saliva in esophageal mucosal protection: to masticate or not to masticate?
Jerzy Sarosiek (USA)
- How well is explored the esophageal microbiota in health? **Laren Becker (USA)**
- The role of gastric acid and pepsin duet as a challenge to esophageal mucosal defense mechanisms: what is our solution? **Jerzy Sarosiek (USA)**

Session 26

Friday – November 8, 2019 – 10:10 – 11:00 am

Room 208 A+B (2nd floor)

Esophageal dysphagia – Diagnostic updates

Chair: **Adriana Lazarescu (Canada)**

Discussant: **C. Prakash Gyawali (USA)**

- What is the role of fluoroscopic contrast studies in 2019? **Adriana Lazarescu (Canada)**
- Does every patient with esophageal dysphagia need a gastroscopy? **Yeong Yeh (Justin) Lee (Malaysia)**
- What does impedance add to esophageal manometry in the diagnosis of esophageal dysphagia? **Yinglian Xiao (China)**
- What do solid swallows during esophageal manometry add to the diagnostic yield? **Walter W. Chan (USA)**
- What is the role of provocative testing (eg. rapid drink challenge) in the diagnosis of esophageal dysphagia? **C. Prakash Gyawali (USA)**
- What is the role of the functional lumen imaging probe? **Peter Wu (Australia)**

Session 27

Friday – November 8, 2019 – 10:10 – 11:00 am

Room 209 A+B (2nd floor)

Update: The Functional Lumen Imaging Probe

Chairs: **John O. Clarke (USA)** – **Shuchang Xu (China)**

Discussant: **Marcelo F. Vela (USA)**

- Why & how was the Functional Lumen Probe Developed? **Hans Gregersen (Hong-Kong)**
- What is the ideal FLIP protocol? **Afrin Kamal (USA)**
- Does FLIP add value in dysphagia & achalasia? **Nielsen Fernandez-Becker (USA)**
- How to incorporate FLIP in the management of eosinophilic esophagitis. **Kristle Linch (USA)**
- oes FLIP have a role in gastroesophageal reflux? **Abraham Khan (USA)**
- What is the role of FLIP for conditions outside the esophagus? **Nitin Ahuja (USA)**
- Is FLIP ready for prime-time & what is needed next? **John O. Clarke (USA)**

Session 28

Friday – November 8, 2019 – 10:10 – 11:00 am

Room 210 A+B (2nd floor)

Key Update: GI For the Non-Gastroenterologist

Chairs: **Ellen Stein (USA)** – **Yang Hu (China)**

- Is all heartburn GERD? **Irene Sonu (USA)**
- What's an appropriate work up for GERD? **Daniela Jodorkovsky (USA)**
- Are there serious risks of PPI therapy – yes or no? **Ellen Stein (USA)**
- Should diet be altered for GERD patients? **Priya Kathpalia (USA)**
- Fat or fit does it matter for the esophagus? **Joshua A. Sloan (USA)**
- Does barrett's even matter? Should we worry? **Eun J. Shin (USA)**

Session 32

Friday – November 8, 2019 – 11:10 am – 12:00 pm

Room 208 A+B (2nd floor)

Esophageal dysphagia – Treatment updates

Chairs: **Myung-Gyu Choi (Korea)** – **Xaohua Hou (China)**

Discussant: **Shun He (China)**

- What kinds of pharmacologic therapy are available for esophageal motility disorders?
Yu-Kyung Cho (Korea)
- Is Pneumatic balloon dilatation recommended as an initial treatment for patients with achalasia?
Marcelo F. Vela (USA)
- Is peroral endoscopic myotomy a possible choice for patients with Jackhammer esophagus?
Xuelian Xiang (China)
- Is peroral endoscopic myotomy comparable to Heller myotomy for treatment-naïve patients with achalasia? **Su-Jin Hong (Korea)**
- Is peroral endoscopic myotomy recommended as an initial treatment for patients with type 3 achalasia?
Philip Wai Yan Chiu (Hong Kong)
- What is the best strategy to prevent post-POEM complication? **Pinghong Zhou (China)**

Session 33

Friday – November 8, 2019 – 11:10 am – 12:00 pm

Room 209 A+B (2nd floor)

Update: Mucosal impedance: ready for prime time?

Chairs: **Yinglian Xiao (China)** – **Shuchang Xu (China)**

Discussant: **Nitin Ahuja (USA)**

- Difference between impedance baseline and mucosal impedance. **C. Prakash Gyawali (USA)**
- The pros and cons of mucosal impedance detected by multiple sensors compared with the uni-sensor. **Afrim Kamal (USA)**
- Pattern of mucosal impedance in the GERD and EoE patients. **John O. Clarke (USA)**
- Will mucosal impedance predict the treatment outcome in esophageal disease? **Walter W. Chan (USA)**
- Will the mucosal impedance take the place of biopsy in EoE? **Jennifer Horsley-Silva (USA)**
- Assessing mucosal integrity: is there a role in hypersensitive esophagus and functional heartburn?
Marcelo F. Vela (USA)

Session 34

Friday – November 8, 2019 – 11:10 am – 12:00 pm

Room 210 A+B (2nd floor)

Key update: ENT for the non-otolaryngologist

Chairs: **Nikki Johnston (USA)** – **Xiaoguang Ni (China)**

- What is the sensitivity and specificity of pepsin as a diagnostic biomarker for reflux and aspiration?
Miles Klimara (USA)
- What is the role of pepsin in laryngeal and esophageal disease? **Nikki Johnston (USA)**
- What is the efficacy of fundoplication and LINX for airway reflux? **Edgar Figueredo (USA)**
- How do ORL contributions interface with esophageal function in chronic cough?
Jacqueline Allen (New Zealand)
- Does unsuccessful treatment with PPI rule out reflux in chronic coughers? **Derrick Randall (Canada)**

Session 40

Friday – November 8, 2019 – 01:30 am – 02:20 pm

■ Room 208 A+B (2nd floor)

Achalasia: Physiology & diagnosis

Chair: **Erwin Rieder (Austria)**

- Achalasia: Familial, infection, or autoimmune? **John O. Clarke (USA)**
- Can eosinophilic esophagitis cause achalasia? **Nielsen Fernandez-Becker (USA)**
- Myenteric plexus in achalasia: impaired or destroyed? **Jersy Sarosiek (USA)**
- Will the rapid drink challenge improve the diagnostic yield of HRM? **Alexandra Guillaume (USA)**
- Is there a diagnostic or predictive value of timed barium swallow? **Erwin Rieder (Austria)**
- Should the Chicago Classification really influence the treatment of achalasia?
Dan E. Azagury (USA)

Session 41

Friday – November 8, 2019 – 01:30 am – 02:20 pm

■ Room 209 A+B (2nd floor)

Barrett's esophagus in 2019 (1) – Basic Sciences

Chair: **Qin Huang (USA)**

- Where does Barrett's esophagus come from? **Wayne Phillips (Australia)**
- Current understanding of the molecular drivers of Barrett's esophagus. **David Wang (USA)**
- The role of the esophageal epithelial barrier in Barrett's esophagus. **Smitha Georgy (Australia)**
- Comparison of esophageal mucosal damage post esophagectomy and gastric interposition: East versus West. **Yong Yuan (China)**
- Notch Signalling in the Development of Barrett's esophagus. **Yong Yuan (China)**

Brief discussion and concluding remarks

Session 42

Friday – November 8, 2019 – 01:30 am – 02:20 pm

■ Room 210 A+B (2nd floor)

Debate: medical vs surgical options for the young GERD patient well controlled with PPI therapy

Chairs: **Luigi Bonavina (Italy) – Nonghua Lu (China)**

- Which are the predictors of disease progression in patients with early-stage GERD?
Roger P. Tatum (USA)
- Does the natural history of GERD differ according to gender? **Sravanya Gavini (USA)**
- How does the presence of a hiatus hernia influence treatment strategies for GERD in the young patient? **P. Marco Fisichella (USA)**
- Is there a role for endoscopic ablation after fundoplication in young patients with Barrett's esophagus?
Yeong Yeh (Justin) Lee (Malaysia)
- Is the Linx procedure superior to fundoplication in the young patient with GERD? **Luigi Bonavina (Italy)**

Session 46

Friday – November 8, 2019 – 02:30 pm – 03:20 pm

Room 208 A+B (2nd floor)

White paper summary: How to approach EGJ outflow obstruction?

Chairs: **Sutep Gonlachanvit (Thailand)** – **Mengjum Sun (China)**

- Do the diagnosis criteria of EGJ outflow obstruction in CC need modification?
Sutep Gonlachanvit (Thailand)
- What is the standard technique for diagnosis of EGJ outflow obstruction?
Tanisa Patcharatrakul (Thailand)
- What is the clinical presentation of patients with EGJ outflow obstruction? **X. Yinglian Xiao (China)**
- What are the causes of EGJ outflow obstruction? **Kenneth Vega (USA)**
- Do we need further investigation(s) after a manometric diagnosis of EGJ outflow obstruction?
Yu-Kyung Cho (Korea)
- What is the management approach for patients with EGJ outflow obstruction? **John O. Clarke (USA)**

Session 47

Friday – November 8, 2019 – 02:30 pm – 03:20 pm

Room 209 A+B (2nd floor)

Barrett's esophagus in 2019 (2) – Pathology and Endoscopy

Chairs: **Andrew Taylor (Australia)** – **Bing Hu (China)**

Pathological diagnosis of Barrett's esophagus. **Qin Huang (USA)**

- Are goblet cells essential for the diagnosis of Barrett's esophagus?
- Should the ultrashort segment (<1 cm above the GOJ) of columnar metaplasia in the distal esophagus be diagnosed and treated as Barrett's esophagus?

Endoscopic assessment and management of Barrett's esophagus.

- Endoscopic imaging of dysplastic Barrett's – How to find lesions for resection? **Andrew Taylor (Australia)**

Endoscopic surveillance and management post-endoscopic eradication therapy.

- Buried Barrett's – can it be detected endoscopically? **Andrew Taylor (Australia)**
- Surveillance guidelines post therapy. **Edward Cheong (UK)**
- Endoscopic treatment of recurrent disease – is there a limit? **Edward Cheong (UK)**

Brief discussion and concluding remarks

Session 48

Friday – November 8, 2019 – 02:30 pm – 03:20 pm

Room 210 A+B (2nd floor)

Update: Endoscopic Advanced Imaging

Chairs: **Hiroshi Mashimo (USA)** – **Zhuan Liao (China)**

- Confocal endomicroscopy in esophageal imaging. **Satish Singh (USA)**
- Optical coherence tomography in esophageal imaging. **Hiroshi Mashimo (USA)**
- Robotics in advanced esophageal imaging. **Joe Xiao (USA)**
- Artificial Intelligence in esophageal Imaging. **P. Marco Fisichella (USA)**
- Multimodal imaging. **Hiroshi Mashimo (USA)**

Program at a glance

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Working Tea			
03:15 pm 05:15 pm			OESO Post-graduate course Techniques and Tips in Esophageal Practice <i>Roger P. Tatum (USA) – Philip W.Y. Chiu (Hong Kong)</i> 6
06:00 pm 07:00 pm	OESO Opening Ceremony (1 st floor – Grand Ballroom B)		
07:00 pm 08:00 pm	Reception		
09:00 pm 10:00 pm	OESO Executive Meeting (3 rd floor – Room 308)		

Friday – November 8, 2019			
Time	(2 nd floor) Room 208 A+B	(2 nd floor) Room 209 A+B	(2 nd floor) Room 210 A+B
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09:00 am 09:50 am	Oropharyngeal dysphagia Diagnostic & treatment <i>Jacqueline Allen (New Zealand) – Xiaoguang Ni (China)</i> 18	Update Impedance in the evaluation of motility disorders <i>Hans Gregersen (Hong Kong) – Luo Wei Wang (Hong Kong)</i> 19	Key update Physiology for the non-physiologist <i>Jerzy Sarosiek (USA) – Lei Yu (China)</i> 20
Working Tea			
10:10 am 11:00 am	Esophageal dysphagia Diagnostic updates <i>Adriana Lazarescu (Canada)</i> 26	Update Functional lumen imaging probe <i>John O. Clarke (USA) – Shuchang Xu (China) Discussant: Marcelo F. Vela (USA)</i> 27	Key update GI for the non-gastroenterologist <i>Ellen Stein (USA) – Yang Hu (China)</i> 28
11:10 am 12:00 pm	Esophageal dysphagia Treatment updates <i>Myung-Gyu Choi (Korea) – Xiaohua Hou (China) Discussant: Shun He (China)</i> 32	Update Mucosal impedance: ready for prime time? <i>Yinglian Xiao (China) – Shuchang Xu (China)</i> 33	Key update ENT for the non-Otolaryngologist <i>Nikki Johnston (USA) – Xiaoguang Ni (China)</i> 34
Working Lunch			
01:30 pm 02:20 pm	Achalasia Physiology & diagnosis <i>Erwin Rieder (Austria)</i> 40	Barrett's esophagus in 2019 (1) Basic Sciences <i>Qin Huang (USA)</i> 41	Debate Medical vs surgical options for the young GERD patient well controlled on PPI therapy <i>Luigi Bonavina (Italy)</i> 42
02:30 pm 03:20 pm	White paper summary How to approach EGJ outflow obstruction <i>S. Gonlachanvit (Thailand) – Mingjun Sun (China)</i> 46	Barrett's esophagus in 2019 (2) Pathology and Endoscopy <i>Andrew Taylor (Australia) – Bing Hu (China)</i> 47	Key update Endoscopic Advanced Imaging <i>Hiroshi Mashimo (USA) – Zhuan Liao (China)</i> 48
Working Tea			
03:50 pm 04:40 pm	Controversy Potential PPI-related adverse effects <i>Kenneth Vega (USA) – Xiaozhong Gao (China)</i> 55	Barrett's esophagus in 2019 (3) Surgery and Barrett esophagus <i>Matthew Read (Australia) – Zhenyu Wang (China)</i> 56	Key update Endoscopy for the non-endoscopist <i>Pichamol Jirapinyo (USA) – Shun He (China)</i> 57
04:50 pm 05:40 pm	Role of ablative therapies for esophageal disease <i>Eun J. Shin (USA) – Zhizheng Ge (China)</i> 62	Key update Oncology for the non-oncologist <i>David Wang (USA) – Nonghua Lu (China)</i> 63	Key update Laparoscopic surgery for the non-surgeon <i>Lee L. Swanström (USA-France) – Xun Li (China)</i> 64

Saturday – November 9, 2019				
Time	(2 nd floor) Room 207	(2 nd floor) Room 208 A+B	(2 nd floor) Room 209 A+B	(2 nd floor) Room 210 A+B
08:00 am 08:50 am	89 Young investigators Forum & Post-graduate course Esophagitis and carcinoma: What is new – A Pathologist's perspective? <i>Dhanpat Jain (USA) – Xueying Shi (China) – Jianming Ying (China)</i>	72 White paper summary HPV in ESCC and Adenocarcinoma <i>Shan Rajendra (Australia) – Jun Feng Liu (China)</i> Discussant: <i>Neil Merrett (Australia)</i>	73 Eosinophilic Esophagitis: key unanswered questions <i>Nielsen Fernandez Becker (USA)</i>	74 Key update Thoracic surgery for the non-surgeon <i>Stefan P. Mönig (Switzerland) – Yong Yuan (China)</i>
09:00 am 09:50 am		80 White paper summary Do we understand the pathophysiology of GERD after sleeve gastrectomy? <i>Beat Müller (Germany) – Peng Zhang (China)</i> Discussant: <i>Denis Collet (France)</i>	81 White paper summary How to survey patients with achalasia after successful treatment? <i>Marcelo F. Vela (USA)</i>	82 Building a successful multidisciplinary esophageal center <i>Heather Starmer (USA)</i> Discussant: <i>Karuna Dewan (USA)</i>
Working Tea				
10:10 am 11:00 am		90 White paper summary The optimal therapy for esophageal perforation after dilatation <i>Servarayan M. Chandramohan (India)</i>	91 White paper summary Optimal esophageal evaluation for an obese patient being considered for metabolic surgery <i>Kenric M. Murayama (USA) – Dean J. Mikami (USA)</i> Discussant: <i>Peng Zhang (China)</i>	92 Key update Pharmacology for the non-pharmacologist <i>C. Scarpignato (Italy) – Peng Li (China)</i>
11:10 am 12:00 pm		98 Diagnosis of gastroesophageal reflux <i>Daphne Ang (Singapore) – Yangting Li (China)</i>	99 Controversy Endoscopic antireflux-surgery <i>Dan E. Azagury (USA)</i>	100 Key update Rehabilitation for the non-rehab. specialist <i>Denis Collet (France) – Minhu Chen (China)</i> Discussant: <i>Bernard Meunier (France)</i>
Working Lunch				
01:30 pm 02:20 pm		108 Pharmacological treatment of GERD: where we are and where are we going <i>Michio Hongo (Japan) – Carmelo Scarpignato (Italy)</i>	109 Treatment of gastro-esophageal reflux: Endoscopy <i>Michael M. Awad (USA) – Kenric M. Murayama (USA)</i>	110 Treatment of gastroesophageal reflux: Surgery <i>Sebastian F. Schoppmann (Austria) – Jianmin Wu (China)</i>
02:30 pm 03:20 pm		118 Updates in interventions for complicated GERD and esophageal injury <i>Kenric M. Murayama (USA) – Rong Lin (China)</i>	119 Esophageal cancer in Africa <i>Russell E. White (Kenya) – Michael M. Mwachiro (Kenya)</i>	120 OESO Pilot Centers Update <i>Luigi Bonavina (Italy) – Daniela Kandioler (Austria) – Takeshi Ohki (Japan)</i>
Working Tea				
03:50 pm 04:40 pm		128 Debate What is the best treatment for achalasia? <i>Valter N. Felix (Brazil) – Kenric M. Murayama (USA)</i>	129 Relationship between reflux and lung disease <i>Walter W. Chan (USA) – Bin Zhang (China)</i>	130 Endoscopic options for esophageal cancer <i>Kulwinder S. Dua (USA) – Ping-hong Zhou (China)</i> Discussant: <i>Jing Huang (China)</i>
05:00 pm 06:00 pm	OESO Closing Ceremony (3 rd floor – Room 309 A+B)			
07:30 pm 09:30 pm	Gala Dinner (1 st floor – Multi-funton Hall A+B)			

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Session 55

Friday – November 8, 2019 – 03:50 pm – 04:40 pm

■ Room 208 A+B (2nd floor)

Controversy: Potential PPI related adverse effects

Chairs: **Kenneth Vega (USA)** – **Xiaozhong Gao (China)**

- What to know about PPIs and medication interactions. **Junichi Akiyama (Japan)**
- Detrimental effects of PPIs on gut microbiota and related GI consequences.
Carmelo Scarpignato (Italy)
- From gut to brain: CNS adverse effects of PPIs. **Michio Hongo (Japan)**
- Do PPIs really cause cancer? **Kenneth Vega (USA)**
- Should we worry about osteoporosis and PPIs? **Irene Sonu (USA)**

Session 56

Friday – November 8, 2019 – 03:50 pm – 04:40 pm

■ Room 209 A+B (2nd floor)

Barrett's esophagus in 2019 – Surgery and Barrett esophagus (3)

Chairs: **Matthew Read (Australia)** – **Zhenyu Wang (China)**

- Barrett's in the bariatric cohort – Should Barrett's be systematically detected before a bariatric procedure? **Denis Collet (France)**
 - Should the results determine the type of surgery performed?
 - Should patients undergo screening and/or surveillance of Barrett's post sleeve gastrectomy?
- When should surgery be considered in the management of Barrett's esophagus? **Michael Hii (Australia)**
 - What is the optimal management of patients with long segment Barrett's esophagus with associated high-grade dysplasia?
- What is the best form of reflux control in patients with Barrett's esophagus? **Edward Cheong (UK)**
 - Should we be performing funduplications more often?

Session 57

Friday – November 8, 2019 – 03:50 pm – 04:40 pm

■ Room 210 A+B (2nd floor)

Key update: Endoscopy for the non-endoscopist

Chairs: **Pichamol Jirapinyo (USA)** – **Shun He (China)**

- Endoscopic management of Zenker's diverticulum. **Karuna Dewan (USA)**
- Endoscopic management of achalasia. **Parit Mekaroonkamol (Thailand)**
- Endoscopic management of GERD. **Pichamol Jirapinyo (USA)**
- Endoscopic management of Barrett's esophagus. **Eun J. Shin (USA)**
- Advanced endoscopic imaging in Barrett's esophagus. **Hiroshi Mashimo (USA)**

Session 62

Friday – November 8, 2019 – 04:50 pm – 05:40 pm

■ Room 208 A+B (2nd floor)

Role of ablative therapies for esophageal disease

Chairs: **Eun J. Shin (USA)** – **Zhizheng Ge (China)**

- Which patients with Barrett's esophagus or esophageal squamous cell dysplasia should be evaluated for ablative therapies? **Ellen Stein (USA)**
- How effective is radiofrequency ablation in treating Barrett's esophagus associated neoplasia? **Kulwinder S. Dua (USA)**
- How effective is cryotherapy in treating Barrett's esophagus associated neoplasia? **Eun J. Shin (USA)**
- How effective is radiofrequency ablation in treating esophageal squamous cell dysplasia or early squamous cell esophageal cancer? **Pichamol Jirapinyo (USA)**
- How effective is cryotherapy in treating esophageal squamous cell dysplasia or early squamous cell esophageal cancer? **Tossapol Kerdsirichairat (USA)**
- How should patients with Barrett's esophagus or esophageal squamous cell dysplasia be followed after ablative therapies? **Andrew Taylor (Australia)**

Session 63

Friday – November 8, 2019 – 04:50 pm – 05:40 pm

■ Room 209 A+B (2nd floor)

Key update: Oncology for the non-oncologist

Chairs: **David Wang (USA)** – **Nonghua Lu (China)**

- When is endoscopic management of early esophageal cancer appropriate? **Yuji Tamagawa (Japan)**
- How are chemotherapy and novel agents used in localized and metastatic esophageal cancer? **David Wang (USA)**
- How does neoadjuvant radiation differ in the treatment of localized esophageal cancer: east versus west? **Zhouguang Hui (China)**
- Should ischemic preconditioning prior to esophagectomy become standard of care? **Thai Pham (USA)**
- Patients with a complete clinical response after chemoradiation for esophageal cancer: surgery or surveillance? **Haibo Sun (China)**
- Can liquid biopsies assist in the diagnosis and management of esophageal cancer? **Wei Zhang (USA)**

Session 64

Friday – November 8, 2019 – 04:50 pm – 05:40 pm

■ Room 210 A+B (2nd floor)

Key update: Laparoscopic surgery for the non-surgeon

Chairs: **Lee L. Swanström (USA)** – **Xun Li (China)**

- Brief history of laparoscopic general surgery. **Dan E. Azagury (USA)**
- Physiology of CO₂ pneumoperitoneum. **Erwin Rieder (Austria)**
- Technique of minimally-invasive esophagectomy (Ivor Lewis). **Stefan P. Mönig (Switzerland)**
- Technique of minimally-invasive esophagectomy (3 hole). **Lijie Tan (China)**
- Laparoscopic Heller myotomy: how I do it. **Sebastian F. Schoppmann (Austria)**
- Laparoscopic fundoplication: how I do it. **Lee L. Swanström (USA)**

Session 72

Saturday – November 9, 2019 – 08:00 – 08:50 am

Room 208 A+B (2nd floor)

Day 3

White paper summary:

HPV in esophageal squamous cell carcinoma and adenocarcinoma

Chairs: **Shan Rajendra (Australia)** – **Jun Feng Liu (China)**

Discussant: **Neil Merrett (Australia)**

- What is the prevalence of HPV in esophageal squamous cell carcinoma? **Owen McKay (Australia)**
- What is the worldwide prevalence of HPV in Barrett's esophagus and esophageal adenocarcinoma? **Darren Pavey (Australia)**
- Is there an association between HPV and esophageal papillomas? **Darren Pavey (Australia)**
- What are the HPV associated molecular aberrations in esophageal cancer? **Neil Merrett (Australia)**
- Is HPV prognostic in esophageal cancer? **Neil Merrett (Australia)**
- Why the conflicting data on HPV and the esophagus? **Vikash Sewram (South Africa)**

Discussion: Perspectives-New Features for tomorrow. **Shan Rajendra (Australia)**

Session 73

Saturday – November 9, 2019 – 08:00 – 08:50 am

Room 209 A+B (2nd floor)

Debate: Eosinophilic Esophagitis: key unanswered questions

Chair: **Nielsen Fernandez Becker (USA)**

- How to distinguish GERD from EoE? **Shreya Raja (USA)**
- Should we move past peak eosinophil count & use the EoE histologic scoring system? **Nielsen Fernandez-Becker (USA)**
- What is the role of proton pump inhibitors in EoE? **Carmelo Scarpignato (Italy)**
- How to use topical steroids: on-demand or maintenance? **Kristle Lynch (USA)**
- Ideal dietary therapy for EoE: six-food elimination, step down or step up? **Nitin Ahuja (USA)**
- What is the role of FLIP in EoE and dilation? **Jennifer Horsley-Silva (USA)**

Session 74

Saturday – November 9, 2019 – 08:00 – 08:50 am

Room 210 A+B (2nd floor)

Key update: Thoracic surgery for the non-surgeon

Chairs: **Stefan P. Mönig (Switzerland)** – **Yong Yuan (China)**

- Surgical standard of thoracic oesophageal cancer. **Thomas Schmidt (Germany)**
- Anastomotic techniques in totally minimal invasive intrathoracic anastomosis. **Christian Gutschow (Switzerland)**
- Robotic aspects of thoracic oesophageal resection. **Felix Berth (Germany)**
- The European CARDIA-Trial. **Christiane Bruns (Germany)**
- What is the best endoscopic treatment of anastomotic leakages? **Seung-hun Chon (Germany)**
- Is there place for surgery in oligometastatic disease? **Minoa Jung (Switzerland)**

Session 80

Saturday – November 9, 2019 – 09:00 – 09:50 am

Room 208 A+B (2nd floor)

White paper summary:

Do we understand the pathophysiology of GERD after sleeve gastrectomy?

Chairs: **Beat Müller (Germany)** – **Peng Zhang (China)**

Discussant: **Denis Collet (France)**

- What is the mechanism of a healthy lower esophageal sphincter and what are the changes leading to GERD after sleeve gastrectomy? **Sebastian F. Schoppmann (Austria)**
- How frequent is GERD after sleeve gastrectomy compared to Roux-en-Y gastric bypass?
Bipan Chand (USA)
- What is the perfect sleeve gastrectomy to prevent GERD? **Dean Mikami (USA)**
- What are the opportunities to treat GERD after sleeve gastrectomy? **Felix Berlth (Germany)**

Session 81

Saturday – November 9, 2019 – 09:00 – 09:50 am

Room 209 A+B (2nd floor)

White paper summary:

How to survey patients with achalasia after successful treatment

Chair: **Marcelo F. Vela (USA)**

Documenting treatment efficacy, predicting long-term success, and identifying the need for additional treatment:

- Are symptoms alone reliable for follow-up after treatment? **Daniela Jodorkovsky (USA)**
- What is the role of esophageal manometry? **Adriana Lazarescu (Canada)**
- What is the role of timed barium emptying? **Marcelo F. Vela (USA)**
- What is the role of EndoFLIP? **Jennifer Horsley-Silva (USA)**
- How frequently should patients be assessed, and what method or methods to use? **Justin Wu (Hong Kong)**
- Is there a need for periodic surveillance for esophageal cancer after successful treatment of achalasia?
Shobna Bhatia (India)

Session 82

Saturday – November 9, 2019 – 09:00 – 09:50 am

Room 210 A+B (2nd floor)

Building a successful multidisciplinary esophageal center

Chair: **Heather Starmer (USA)**

Discussant: **Karuna Dewan (USA)**

- What is the value of multidisciplinary dysphagia care? **Heather Starmer (USA)**
- What professionals should be involved in a multidisciplinary swallowing disorder center?
Afrin Kamal (USA)
- Who are the ideal candidates for referral to a multidisciplinary swallowing disorder center?
Karuna Dewan (USA)
- What testing should be considered standard for patients undergoing a multidisciplinary swallowing disorder evaluation? **Julia Maclean (Australia)**
- How do you navigate professional boundaries in a multidisciplinary swallowing disorder clinic?
Derrick R. Randall (Canada)
- How do you manage the financial side of running a multidisciplinary swallowing disorder center.
Abraham Khan (USA)

Session 89
Saturday – November 9, 2019 – 08:00 – 10:00 am
■ Room 207 (2nd floor)

OESO Young Investigators Forum & Post-graduate course

Esophagitis and carcinoma: *What is new – A Pathologist's perspective?*

Chairs: **Dhanpat Jain (USA) – Xueying Shi (China) – Jianming Ying (China)**

- Inflammatory conditions of the esophagus (beyond GERD). **Mikhail Lisovsky (USA)**
- Biomarkers in esophageal carcinoma/The role of molecular pathology. **Yingyong Hou (China)**
- Pathogens and esophageal cancer. **Lei Zhao (USA)**
- Esophageal carcinoma: The role of molecular pathology. **Yueping Liu (China)**
- EMR and ESD for Esophageal adenocarcinoma: Practical issues for the pathologists.
E. Celia Marginean (Canada)
- Clinicopathological parameters predicting metastasis in patients with superficial esophageal squamous cell carcinoma. **Liyan Xue (China)**
- Pathologic assessment of esophageal carcinoma after neoadjuvant therapy. **Xuchen Zhang (USA)**
- Variants of esophageal squamous cell carcinoma. **Yuan Li (China)**
- Updates on AJCC pathology reporting of esophageal carcinoma. **Dhanpat Jain (USA)**

Session 90

Saturday – November 9, 2019 – 10:10 – 11:00 am

Room 208 A+B (2nd floor)

White paper summary:

The optimal therapy for esophageal perforation after dilatation

Chair: **Servarayan M. Chandramohan (India)**

- Introduction and overview. **Servarayan M. Chandramohan (India)**
- The need for esophageal dilation – From common to rare indications. **Pulkit Mehrotra (India)**
- Pattern of presentation: Acute to chronic. **Kulwinder S. Dua (USA)**
- Evaluation strategies which will help decide optimal therapy. **Servarayan M. Chandramohan (India)**
- Non surgical therapy: What options and when? **Kulwinder S. Dua (USA)**
- Surgery: What is the optimal therapy? **Servarayan M. Chandramohan (India)**

Session 91

Saturday – November 9, 2019 – 10:10 – 11:00 am

Room 209 A+B (2nd floor)

White paper summary:

Optimal esophageal evaluation for an obese patient being considered for metabolic surgery

Chairs: **Kenric M. Murayama (USA)** – **Dean J. Mikami (USA)**

Discussant: **Peng Zhang (China)**

- Is there an esophageal motility disorder? **Walter W. Chan (USA)**
- Is gastric emptying normal? **Christina Wai (USA)**
- Is the anatomy amenable to metabolic surgery? **Beat Müller (Germany)**
- The patient has GERD – which metabolic operation is best? **Dean J. Mikami (USA)**
- What to do for post-sleeve gastrectomy patients with severe GERD? **Bipan Chand (USA)**

Session 92

Saturday – November 9, 2019 – 10:10 – 11:00 am

Room 210 A+B (2nd floor)

Key update: Pharmacology for the non-pharmacologist

Chairs: **Carmelo Scarpignato (Italy)** – **Peng Li (China)**

- PPIs: Are they still the antisecretory drugs of choice for GERD? **Joshua A. Sloan (USA)**
- Chemopreventive activity of PPIs in Barrett's Esophagus. **David Wang (USA)**
- Non antisecretory activities of PPIs. **Yu-Kyung Cho (Korea)**
- Alginate-containing Formulations: merely barrier drugs or much more?
Carmelo Scarpignato (Italy)

Session 98

Saturday – November 9, 2019 – 11:10 – 12:00 am

■ Room 208 A+B (2nd floor)

Diagnosis of gastroesophageal reflux

Chairs: **Daphne Ang (Singapore)** – **Yangting Li (China)**

- Reflux: is it a disease or a symptom? **Alexandra Guillaume (USA)**
- Does the size of hiatus hernia matter in the diagnosis of reflux disease?
Yeong Yeh (Justin) Lee (Malaysia)
- How is motility associated with reflux disease? **Frances Onyimba (USA)**
- Wireless vs. catheter-based pH testing: what do you gain & lose from each? **Daphne Ang (Singapore)**
- Average, worst day analysis or concordance: which is the best test in prolonged pH monitoring?
C. Prakash Gyawali (USA)
- Should we be using Symptom Index, Symptom Association Probability or both in routine symptom association analysis? **Afrin Kamal (USA)**
- Does mucosal impedance measurement matter when the endoscopy is normal? **Kristle Lynch (USA)**

Session 99

Saturday – November 9, 2019 – 11:10 – 12:00 am

■ Room 209 A+B (2nd floor)

Controversy: Endoscopic anti-reflux surgery

Chair: **Dan E. Azagury (USA)**

What would you offer your aunt/uncle with severe GERD?

- Gastric bypass. **Dan E. Azagury (USA)**
- Nissen. **Matthew Read (Australia)**
- Linx. **Sebastian F. Schoppmann (Austria)**
- Stretta. **Hiroshi Mashimo (USA)**
- Transoral incisionless fundoplication. **Michael M. Awad (USA)**
- No surgery. **Lee L. Swanström (USA)**

Session 100

Saturday – November 9, 2019 – 11:10 – 12:00 am

■ Room 210 A+B (2nd floor)

Key update: Rehabilitation for the non-rehab. Specialist

Chairs: **Denis Collet (France)** – **Minhu Chen (China)**

Discussant: **Bernard Meunier (France)**

About Evidence based medicine:

- Preoperative immuno-nutrition. **Jonas Feilchenfeldt (Switzerland)**
- Laparoscopy for the abdominal step. **Bernard Meunier (France)**
- Thoracoscopy for the thoracic step. **Luigi Bonavina (Italy)**
- Epidural analgesia. **Denis Collet (France)**
- Early postoperative oral feeding. **Nicole Winter (Australia)**
- Short and long term incidence of rehabilitation. **Stefan P. Mönig (Switzerland)**

Session 108

Saturday – November 9, 2019 – 01:30 – 02:20 pm

■ Room 208 A+B (2nd floor)

Pharmacological treatment of GERD: where we are and where are we going

Chairs: **Michio Hongo (Japan)** – **Carmelo Scarpignato (Italy)**

- 30 years of acid suppression with H2RAs and PPIs: established benefits and potential risks.
Michio Hongo (Japan)
- PPI-refractory GERD patients: How to deal with them? **Justin Wu (Hong Kong)**
- Potassium-competitive Acid Blockers: just new kids on the Block or Real Breakthrough?
Carmelo Scarpignato (Italy)
- Esophageal mucosal protection: A new avenue in GERD treatment. **C. Lottrup (Denmark)**
- Reflux inhibitors? A Promise unfulfilled or a missed opportunity? **Adriana Lazarescu (Canada)**
- Gastrointestinal prokinetics in GERD: When and How? **Jerzy Sarosiek (USA)**

Session 109

Saturday – November 9, 2019 – 01:30 – 02:20 pm

■ Room 209 A+B (2nd floor)

Treatment of gastroesophageal reflux: Endoscopy

Chairs: **Michael M. Awad (USA)** – **Kenric M. Murayama (USA)**

- TIF – **Michael M. Awad (USA)**
- Stretta – **Bipan Chand (USA)**
- Endoscopic Management of Barrett's – **Christina Wai (USA)**
- Future/experimental – **Dean Mikami (USA)**

Session 110

Saturday – November 9, 2019 – 01:30 – 02:20 pm

■ Room 210 A+B (2nd floor)

Treatment of gastroesophageal reflux: Surgery

Chairs: **Sebastian F. Schoppmann (Austria)** – **Jianmin Wu (China)**

- Does anti-reflux surgery stop Barretts progression? **Reza Asari (Austria)**
- Do we have to protect the esophagus with surgery after RFA for Barretts? **Ognjan Skrobic (Serbia)**
- Is esophageal sphincter augmentation the way to treat early reflux disease?
Sebastian F. Schoppmann (Austria)
- Does Hiatal Hernia size tailor anti-reflux procedure? **Jörg Zehetner (Switzerland)**
- What modification of fundoplication influences surgical outcome? **Aleksandar P. Simić (Serbia)**
- Can magnetic sphincter augmentation be compared to fundoplication? **Luigi Bonavina (Italy)**

Session 118

Saturday – November 9, 2019 – 02:30 – 03:20 pm

Room 208 A+B (2nd floor)

Updates in interventions for complicated GERD and esophageal injury

Chairs: **Kenric M. Murayama (USA)** – **Rong Lin (China)**

- Medical options for complicated GERD. **Frances Onyimba (USA)**
- New interventions for refractory GERD. **Bipan Chand (USA)**
- The short esophagus – what to do? **Peter Tsai (USA)**
- GERD and Barrett's – an update on risk and management. **Christina Wai (USA)**
- Management of esophageal perforations and strictures (DEBATE). **Kenric M. Murayama (USA)**
 - A. Endoscopic management. **Dean J. Mikami (USA)**
 - B. Surgical management. **Peter Tsai (USA)**

Q&A All

Session 119

Saturday – November 9, 2019 – 02:30 – 03:20 pm

Room 209 A+B (2nd floor)

Esophageal cancer in Africa

Chairs: **Russell E. White (Kenya)** – **Michael M. Mwachiro (Kenya)**

- What are the most likely non-genetic risk factors for esophageal cancer that are specific to endemic regions like Eastern and Southern Africa? **Vikash Sewram (South Africa)**
- Does sufficient evidence exist to state that there are clear genetic risk factors for esophageal cancer in endemic regions like Eastern and Southern Africa? **Xiaoxin (Luke) Chen (USA)**
- Is screening of populations at high risk for esophageal cancer effective, and if so, what specific populations should be targeted? **Michael M. Mwachiro (Kenya)**
- In cases of locally advanced esophageal cancer, when chemotherapy and radiation therapy are not available, is surgical resection alone a reasonable strategy? **Russell E. White (Kenya)**
- Is the availability of critical care critical to achieving acceptable outcomes following esophagectomy for esophageal cancer? **Agneta Odera (Kenya)**

Session 120

Saturday – November 9, 2019 – 02:30 – 03:20 pm

Room 210 A+B (2nd floor)

OESO Pilot Centers Update

Panel: **Luigi Bonavina (Italy)** – **Daniela Kandioler (Austria)** – **Takeshi Ohki (Japan)**

The OESO Platform courses round the world in Esophagology:

- Courses in Vienna: **Daniela Kandioler (Austria)**
- Courses in Tokyo: **Takeshi Ohki (Japan)**
- Courses in Melbourne: **Matthew Read (Australia)**
- Courses in Milan: **Luigi Bonavina (Italy)**

Session 128

Saturday – November 9, 2019 – 03:50 – 04:40 pm

■ Room 208 A+B (2nd floor)

Debate: What is the best treatment for achalasia?

Chairs: **Valter N. Felix (Brazil)** – **Kenric M. Murayama (USA)**

- Is HRM essential for defining a standardized treatment? Or is radiology better? **Wei-Chen Tai (Korea)**
- Late results of forced dilation of the cardia are worth? **Moo In Park (Korea)**
- Are post-POEM reflux rates being overly tolerated? **Bipan Chand (USA)**
- How should severe reflux oesophagitis after myotomy be treated? **Dan Azagury (USA)**
- How should complications and fails after myotomy be treated? **Valter N. Felix (Brazil)**
- What's best treatment for end-stage achalasia? **Luigi Bonavina (Italy)**

Session 129

Saturday – November 9, 2019 – 03:50 – 04:40 pm

■ Room 209 A+B (2nd floor)

Relationship between reflux and lung disease

Chairs: **Walter W. Chan (USA)** – **Bin Zhang (China)**

- How should reflux be assessed for suspected pulmonary manifestations? **Vikram Rangan (USA)**
- Does the relationship between reflux and pulmonary dysfunction differ between obstructive vs interstitial lung diseases? **Sravanya Gavini (USA)**
- What is the role of reflux testing and treatment in the management of asthma? **Nitin Ahuja (USA)**
- Does anti-reflux therapy improve clinical outcomes of idiopathic pulmonary fibrosis?
P. Marco Fisichella (USA)
- How does reflux affect outcomes of lung transplantation? **Marcelo F. Vela (USA)**
- Should esophageal function testing be routinely performed in lung transplant patients?
Walter W. Chan (USA)

Session 130

Saturday – November 9, 2019 – 03:50 – 04:40 pm

■ Room 210 (2nd floor)

Endoscopic Options for Esophageal Cancer

Chairs: **Kulwinder S. Dua (USA)** – **Ping-hong Zhou (China)**

Discussant: **Jing Huang (China)**

- What is the role of endoscopic ultrasound in staging esophageal cancer? **Eun J. Shin (USA)**
- What are the long-term outcomes of endoscopic mucosal dissection for early esophageal cancer?
Ping-Hong Zhou (China)
- What are the long-term outcomes of radiofrequency ablation for early squamous cell esophageal cancer in China and should this be preferred over ESD? **Guiqi Wang (China)**
- What has been your experience is on the efficacy and safety of placing expandable esophageal stents in over several hundreds of patients in Kenya? **Michael Mwachiro (Kenya)**
- Is there a role for esophageal stenting during neoadjuvant therapy as bridge-to-surgery for resectable esophageal cancer? **Kulwinder S. Dua (USA)**
- How do you endoscopically manage anastomotic leaks and fistula after esophagectomy?
Pichamol Jirapinyo (USA)

Alphabetical Index

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 CS = Chair
 DS = Discussant
 PG = Post-Graduate

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