OESO 13th World Conference
“The Esophagiome”

Emerging issues in Health and Disease
Experiment and theory translated through technology development to clinics

Monaco, Grimaldi Forum
August 31–September 3, 2015

Scientific program

President:
Hans Gregersen (Denmark, China)

Co-Presidents:
Myung-Gyu Choi (Korea)
Larry S. Miller (USA)
David Nocca (France)

www.oeso.org
Monsieur le Professeur,

Je me réfère à votre demande de patronage pour le 13ème Congrès mondial de la World Organization for Specialized Studies on Diseases of the Esophagus (OESO) qui se tiendra du 31 août au 3 septembre 2015 à Monaco.


En souhaitant plein succès au 13ème Congrès OESO, je vous prie, d’agréer, Monsieur le Professeur, l’assurance de ma considération la plus distinguée.

Irina Bokova
OESO 13th World Conference
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Each of the specialists from all the 18 disciplines represented in the OESO contributed to build up this Organization which rapidly acquired its reputation of excellence in the international scientific community.

In becoming a member of the Board of Trustees, I accepted to adhere to the original idea at the basis of the conception of the OESO, and to allow my personal scientific reputation to uphold this distinctive society which has steadily continued, since 1978, to successfully serve the advancement of the discipline of esophagology.

I approved the aims as defined in the Bylaws of the OESO.

As an expert in my field, I shall continue to foster the founding spirit and the aims of the OESO, and I shall strive to broaden the reach of its achievements amongst the national and international bodies to which I belong.

In general terms, as a member of the Board of Trustees of the OESO, I consider myself as vested with the responsibility to represent a part of what this multi-disciplinary Organization signifies, and to contribute to maintain its scientific credibility and its reputation of excellence.
Dear colleagues and devotees of the study of esophageal disease

Welcome to Monaco. Bienvenue à Monaco.

As the current president of OESO, I am honored and privileged to join you for the 13th World conference on “The Esophagiome”. This exciting meeting, put together by Hans Gregersen, Myung-Gyu Choi, Larry Miller and David Nocca, is about to take place from August 31 to September 3, 2015.

The OESO leadership, under the baton of Robert Giuli, and with the guidance and active engagement of the organizing committee, has put together a remarkable scientific program that aims to please and excite all of us, clinicians and scientists involved in the understanding, diagnosis and management of esophageal disease. It is traditional and expected that the OESO conference will provide the forum for a multifaceted, science-driven and patient-integrated approach to the ever-increasing burden of gastroesophageal reflux, esophageal dysmotility, Barrett’s esophagus and esophageal cancer.

With focused questions and answers, debates and symposia, formal lectures and poster presentations, the meeting is poised again to become a success, an indelible memory, and an opportunity to make new friends, attract newcomers to the field of Esophagology and serve as an inspiration for further research and knowledge expansion, from genetics to physiology, to medicine and surgery.

The program is self-explanatory and unique.

The participation of key opinion leaders from East and West, from the bench to the bedside, and from all possible disciplines, is a guarantee of success. The milieu is unique, the style inviting, its social program rich with nature and culture. Under the Mediterranean sun and moonlight, Monaco and OESO promise you a memorable experience.
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Dear Friends and Colleagues,

On behalf of the Permanent Scientific Committee of OESO, I welcome you to the 13th Congress here in one of the world’s most beautiful settings, Monaco, from August 31 to September 3, 2015.

This Congress, which will be the most comprehensive OESO event to date, will focus on the whole range of esophageal physiology and pathophysiology, from birth to senescence, from health, to disease, to treatment, and to cure. Thus, the name for this 13th World Congress is, appropriately, The Esophagiome.

Like previous Congresses of the OESO, this event will bring together experts from a wide array of disciplines, ranging from molecular biology to clinical 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 disease. All who attend will have unique opportunities to form new collaborations and to learn from one another in a way that is not possible in any other venue.

Using the well-established format of Plenary Sessions with 5-minute answers to focused questions, Symposia, Topic Fora, and additional Special Sessions, a wide range of topics will be detailed, discussed, and debated. Specific subjects that will be addressed at this conference include the modeling of esophageal physiology and function, the immunopathology of the esophagus, the role of provocative testing, and the interplay between biomechanical engineering and esophageal surgery, just to name a few. In addition, there will be a Post-Graduate Course in the physiology and mechanics of esophageal function which will launch the Congress.

For those of you who were with us in Monaco in 2008, welcome back. To those who have not yet attended a Congress of OESO, welcome to a tradition that we hope will become a new and exciting facet of your professional endeavors. I have no doubt whatsoever that you will find this to be an extraordinary opportunity to not only learn, but to help move the field forward into the future through multidisciplinary collaboration.
Dear Colleagues and Friends,

Welcome to this 13th World Congress of the International Organization for Specialized Studies on Diseases of the Esophagus, now famous worldwide as OESO.

This now biennial event provides a unique forum for both clinicians and scientists to present their work and to learn about the latest developments in esophagology. Recent technology has radically changed the approach to the management of esophageal pathology. From the diagnosis of gastro-esophageal reflux using pH-impedance monitoring and the use of new high-resolution manometry to better characterize motility disorders, in conjunction with novel methods of exploring esophageal disease endoluminally, our knowledge of the esophagus has steadily advanced and sometimes even been revolutionized.

As customary, the World OESO Congresses are planned to provide a thorough analysis of specific topics in esophageal disease. This 13th World Congress of OESO is devoted to the **Esophagiome**. This evolving concept describes the physiological dynamics of the normal intact esophagus and is built upon interdisciplinary approaches applied to esophageal diseases. The so-called “esophagiome project” is a multicentric, integrated program to design, develop, implement, test, document, archive and disseminate quantitative information and integrative models of the functional behavior of the esophagus in health and disease. The choice is a timely one because recent investigations have allowed us to gain new insights into the pathophysiology of these multifaceted interactions. The esophagiome will help clinicians to understand complex clinical cases and it will represent a tool for scientists to gather and understand new information on esophageal function, stimulating translation of basic science to clinical medicine.

On reviewing the final scientific program, I hope you will agree that this year Congress assembles a clinical and scientific educational program of the highest quality, approaching esophageal disease from a multidisciplinary point of view and bringing together specialists from different disciplines to provide a faculty of international acclaim. Its core is represented by the successful formula, with questions and answers, originally developed by Robert Giuli, and exciting symposia and topic fora will complete the scientific information to be disseminated during these four days. Moreover, as customary, a Post-graduate Course on Esophageal Disease and Pain will precede the Conference and will be particularly valuable to both young and established “esophagologists”. As a significant novelty, this year, a Plenary Session, designed as “The Great Exchange” will take place, during which industry leaders and clinical investigators will present and discuss topics of common interest.

Because of its major impact and unique educational formula, this OESO Congress represents a unique opportunity to update your knowledge in this rapidly evolving field. We look forward to gathering established and young investigators from all over the World in what we believe will be a stimulating meeting. We also hope that it will encourage new friendships, sharing of mutual knowledge and cooperation, which will extend beyond the meeting itself.

The weather in Côte d’Azur is at its best in September and you will also have the opportunity to visit Monaco and its lovely surroundings. With its deep blue water and elegant buildings, the Principality is a magic scenery you will never forget.

We are truly convinced that this 13th OESO World Congress will more than meet your expectations, from both the scientific and a social point of views.

Sincerely,

Carmelo Scarpignato

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**Carmelo Scarpignato**  
MD, DSc, PharmD, MPH, FRCP (Lond), FACP, FCP, FACG, AGAF  
Professor of Pharmacology & Therapeutics  
Associate Professor of Gastroenterology  
General Secretary of OESO  
Secretary of the OESO Foundation

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Welcome

Peter Pokieser
Professor, Department of Radiology, Medical University of Vienna, Austria
IT Strategies for medical information, communication and learning
Vice-President, OESO Foundation

Introducing the “OESO Foundation course” on Integrated Information, Communication and Education in Medicine

OESO is a pioneer society with an advanced interdisciplinary culture and established academic network over decades. The OESO experts are leading personalities in around 20 different disciplines, from basic sciences to the different clinical specialities.

The development of OESO was parallel to the high trend towards interdisciplinary medicine and the progress of communication technology and e-Learning.

OESO has published many acknowledged books and started early to integrate an internet platform as a data base for esophagology.

Currently the big task of e-Health combines innovations of information, communication and learning in medicine and the whole social space of medicine is involved.

The pertinent technical solutions are only tools and represent only a certain part of e-Health.

In fact, the individual, institutional and international work of health professionals will carry the work load of e-Health and has to be aware and knowledgeable about the emerging evidence around e-Health.

Our special “OESO Foundation course” is dedicated to all professional categories working in medicine or in collaborating fields. Experts will answer the burning questions around the strongly accelerated progress of e-Health, the impact of global communication for medicine and the world wide reform of medical education.

The interactive sessions will highlight the perspectives of health professionals, of patients and citizens, of institutions like hospitals and universities and the global space of international societies towards global medicine and virtual university.

Be a part of our first course on Integrated Information, Communication and Education and meet experts of a new interdisciplinary OESO extension!

Looking forward to see you in Monaco,
Accreditations

The Esophagiome
Emerging issues in health and disease
– is designated for a maximum of, or up to
23 European CME Credits

The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. Through an agreement between the European Union of Medical Specialists 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
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Dear Friends and Colleagues,

The 13th OESO World Congress on the Esophagiome is about to begin. It is with great pleasure that we got to this exciting point in the process. There are years of preparation behind the congress, not only for the current congress where preparation started right after the Paris Congress in 2013 but the congress is based on the well-known and well-documented “OESO concept” that was instituted at the first congress many years ago.

The “Esophagiome” is yet a concept but the 13th OESO congress constitutes an important event in realizing the project. The Esophagiome is based on the Virtual Physiological Human (VPH) initiative. The concept of a Physiome Project was first presented in a report from the Commission on Bioengineering in Physiology to the International Union of Physiological Sciences (IUPS) Council at the 32nd World Congress in Glasgow in 1993. A symposium on the Physiome Project was held at the 34th World Congress of IUPS in Christchurch, New Zealand, in August 2001 and the Physiome Project was designated by the IUPS executive as a major focus for IUPS during the next decade. Professor Peter Hunter was appointed Chair of the newly created Physiome Commission of the IUPS in 2000. Peter Hunter is one of the key figures in the emerging VPH community. Peter Hunter is professor of Bioengineering at the University of Auckland and I am pleased to welcome him as a keynote speaker at this congress.

An important aim of the Physiome Project is to develop a multi-scale modelling framework for understanding physiological function that allows models to be combined and linked in a hierarchical fashion. If we translate this to the Esophagiome we need to develop electromechanical models of the esophagus where we need to combine models of ion channels, myofilament mechanics and signal transduction pathways at the subcellular level and then link these processes to models of tissue mechanics, contraction force and propagation, and to esophageal fluid mechanics. Generated computer models will be capable of predicting how the health of a patient will evolve under certain conditions. Models can be defined at various levels of abstraction spanning from the conceptual level (the domain of biologists and physicians) where words are used to describe the model, to models on the mathematical level, the formulation level and the solution level. Needless to say, for the Esophagiome we are at the beginners stage and in a community dominated by biologists and clinicians. In others words we have to start at the conceptual level. However, work has been done on higher levels for several years though it has not reached proper attention yet. The OESO Esophagiome Congress is an important step in this regards with many sessions devoted to interaction between the levels and between disciplines.

In my opinion we have put together the most interesting and interdisciplinary program ever for OESO. By “we” I mean the co-presidents of the meeting, the OESO Secretariat, the chairmen and the speakers as well as numerous other persons being involved in the preparation. The program covers all major topics of esophageal science and clinics with emphasis on linking esophageal physiology and disease to modeling.

The OESO congresses stand as interactive and interdisciplinary events of high scientific and clinical value. On behalf of my co-presidents of the congress, professors Myung-Gyu Choi, Larry S. Miller and David Nocca, I warmly welcome you to the 13th OESO Congress in Monaco on the Esophagiome and to participate in the most interactive way you can think of.

Hans Gregersen
Dear Friends and Colleagues,

On behalf of the organizing committee and Korean Society of Gastrointestinal and Endoscopy (KSGE), we would like to welcome all of you to 13th World Conference of OESO. We are very pleased and proud that the KSGE co-organized this prestigious event.

This exceptional four-day event focuses on the topic of the esophagus, under the theme: “The Esophageome”. This year’s OESO is a comprehensive conference unique in the world with topics ranging from bench to bedside, advanced diagnostic tools to the latest up-to-date therapeutics. All participants, from basic researchers to clinicians, will surely be satisfied with the intellectual and social programs. We hope that OESO fulfils your expectations as a unique platform for collaboration and the exchange of knowledge.

With the co-organization from the KSGE and the influence of president Hans Gregersen, who works in China, this congress will see more Asian speakers and participants than ever before. The spectrum of esophageal diseases has changed in the East. Participants will be able to see the similarities and differences between the East and the West. I am looking forward to active discussions on recent progress in this field and make plans for the future.

Therapeutic endoscopic procedures such as POEM and ESD have become standard therapy in Korea and Japan and are becoming popular in the West. Development in both minimal invasive endoscopic surgery as well as advanced imaging has brought great advances in the diagnosis and treatment of esophageal diseases. This area is developing so rapidly and the unique discussion format of this congress will be a good opportunity for both clinicians and researchers.

This is the first time Korea has held a prominent role in the OESO. We believe that this congress will not only inherit the great tradition of the twelve previous OESO congresses but will add to it. Enjoy Monaco and have a wonderful scientific experience.

Dear Colleagues,

It’s a great honor for me to have been chosen as co-President of the 13th OESO Congress.

I discovered this tremendous society 10 years ago and, since then, I have been increasingly impressed by the number and the quality of the educational projects of OESO.

I am currently involved in the African Tele-Medicine project in collaboration with the OESO Foundation. A first stone was placed in Cameroon to develop laparoscopic and endoscopic treatment in this country. Many others initiatives such as this one are needed on that continent in order to improve the diagnosis and management of patients.

Moreover, I have participated in many OESO congresses (Avignon, Boston, Paris, Como) where a great many well known experts from all fields, involved in gastro-esophageal disease, answered a host of challenging, sometimes tough questions!

I am sure that this 13th meeting will afford, as the preceding ones, a rich scientific experience for the participants, as well as the attendees. This year, the theme, “The Esophageome”, will offer us all a “walk-through” the esophagus, and an opportunity to grasp its complexities.

After many varied, attractive venues, this time it’s Monaco.

I shall be pleased to see you there.
Welcome

Dear 13th OESO World Congress Participants,

It is a great time to be an esophagologist and the 13th OESO World Congress, here in Monaco, is a great event to bring esophageal experts from all disciplines and parts of the globe together.

Since its inception, The OESO World Congress has been the world’s premiere esophageal meeting. This 13th congress is no exception and marks a particularly exciting assembly. The program, in its entirety, through its world-class individual sessions and renowned participants, is designed and dedicated to exploring various models of the esophagus and integrating these models together.

There are multiple ways of modeling the esophagus, from anatomic to physiologic, and from mechanical to mathematical. Each discipline brings a unique perspective to our overall understanding. The OESO World Congress is an unsurpassed opportunity to merge these various disciplines and viewpoints into a cohesive body of knowledge, promoting a more inclusive overall model.

The timing of this year’s OESO World Congress could not have been better. With the introduction of many new discoveries and advances in technology, we stand at the brink of a revolution in esophagology. Whether it is the new modalities in treating GERD using magnets and radiofrequency techniques, the cutting-edge methods of treating cancers using endoscopic submucosal dissection, or the new methods of treating esophageal motility disorders using POEMS, it is easy to see why the anticipation for this meeting has been so high.

The 13th OESO World Congress is aptly named, “The Esophagiome”. This title is fitting for a number of reasons; principal amongst them is the collaborative and interdisciplinary nature of the meeting. Through archiving data from experimental observations, to the scientific and medical understanding of the esophagus, The Esophagiome represents an integration of various models of the esophagus and the people who work to develop them.

It is with great pleasure and enthusiasm that I welcome you to the 13th OESO World Congress here in our unique and beautiful venue. I invite you to discuss ideas, learn new concepts, and rub elbows with the great luminaries in esophagology from around the world.

Welcome to Monaco.

Sincerely,

Larry S. Miller
Le voici donc, ce 13ème congrès de l’OESO !

Le voici donc encore, ce programme qui témoigne de la poursuite de l’élan de l’OESO, et du succès de son format !

Depuis le tout début de notre aventure commune, nous avons, obstinément, joyeusement, pourquoi notre but de faire monter dans notre bateau les meilleurs représentants de toutes les spécialités, et de nous aider à tous converger vers un but unique : la mise à plat, question après question, d’un seul sujet de l’oesophagologie...

Ils sont encore là, ou beaucoup d’entre eux, les fidèles, ceux qui ont cru depuis les premiers jours que nous avons raison, que nous avions l’énergie nécessaire, que nous allions l’entretenir sans relâche, et que nous allions créer quelque chose qui n’existait pas vraiment encore, en tous cas dans cette toute jeune science...

Monaco nous accueille une nouvelle fois cette année. Nous y retrouvons beaucoup de ceux qui ont fait le succès de notre congrès, ici, en 2008…et qui continuent de nous offrir le soutien d’une organisation exemplaire, dans le contexte d’un désir partagé, jusqu’au plus haut niveau de la Principauté, de faire durer et de parfaire encore un modèle de réussite...

Ils sont venus de tant de pays, souvent de l’autre bout du monde et à leurs propres frais parce qu’ils savaient nous ne pouvions faire autrement, et chacun a accepté de ne pas être considéré comme un invité au tapis rouge, mais comme le participant actif d’une belle synthèse à laquelle chacun aura apporté une petite – peut-être – mais essentielle contribution !

Ce programme formidable réalisé grâce à eux va avoir une suite. Chacune des 64 sessions comporte de véritables pépites qui auront toutes l’avantage de jouer leur rôle dans l’avancée des connaissances qui vont se concrétiser lorsque toute cette masse d’informations aura pu décanter.

Et puis, cette année, plusieurs sessions vont nous permettre, vont vous permettre, d’échanger directement dans trois sessions scientifiques avec nos partenaires, les représentants de ces firmes qui forment pour nous la passerelle in-dis-pen-sa-ble pour aller à l’aboutissement de nos idées et de nos projets.

Je me retourne, je vois le chemin parcouru depuis ce pari – fou – de mettre sur un même damier de connaissances toutes les disciplines tournées vers un seul et même domaine de notre profession.

Et je regarde devant, je vois la route longue qui est devant nous, je vois les projets qui la jalonnent, je vois la Principauté et le Grimaldi comme un havre prestigieux sur notre chemin, avec le patronage prestigieux de SAS le Prince de Monaco, celui de Madame la Directrice Générale de l’UNESCO et de Madame la Directrice Adjointe pour les Sciences...

Les congrès se sont succédé...les générations aussi, et les jeunes ont sauté à bord...

Et les projets continuent de fleurir, ceux de l’OESO comme ceux de sa Fondation, avec son label de prestige donné par l’UNESCO !

Je sais bien que ce 13ème congrès va être un beau succès, grâce à tous les ingrédients réunis ici à cette occasion, grâce à ceux qui m’aident de leur présence, de leurs idées, de leurs conseils, et de leur force, grâce à vous qui avez cette fois encore répondu à notre appel, qui avez accepté de vous plier à la contrainte difficile du format de l’OESO,

et qui me permette aujourd’hui, tout simplement, de vous dire ma reconnaissance.
Welcome

Anacrusis

Robert Giuli
Professor of Surgery
Founder & Deputy Executive Director of OESO
Executive Director of the OESO Foundation

Well, here is the 13th Congress of OESO!

Here again is a scientific program which shows that OESO’s enthusiastic search for knowledge, and the success of its format carry on!

Since the very beginning of our joint endeavor, we have, relentlessly, eagerly, pursued our goal of bringing aboard our boat, the best representatives of all the disciplines, to help us converge on a singular aim: to examine, question by question, from every angle, one, single subject of esophagology...

They are still here, or many of them, the loyal followers who, since the first days, have believed that we were right, that we had the required energy, that we could unfa lteringly sustain it, and that we were going to create something that really hadn’t existed before, at least not in the realm of this extremely young science...

Monaco welcomes us, another time, this year.

We meet again here many of those who made the 2008 congress a success, and who continue to provide us with the backing of an exemplary organization in the context of shared determination, all the way up to the highest level of the Principality, to perfect and prolong a model of success...

You, the speakers, coming from so many countries, often from across the world, at your own cost because you knew OESO couldn’t do otherwise, you accepted not to be considered as a special guest with a red carpet reception, but rather as an active player in an extraordinary attempt to reach a synthesis to which each of you may have brought perhaps only a small – but essential – contribution!

This imposing program, achieved thanks to you, will have a follow-up. All of the 66 sessions comprise priceless points, each one to play its role for the advancement of knowledge when the mass of information will have been settled and processed.

And, this year, several sessions will allow us, will allow you, to have a direct exchange in three scientific sessions with our Industry partners, the representatives from the Firms that are for us the in-dis-pen-sa-ble vehicle to carry through our projects and ideas!

I look behind,
I see a path that was drawn since the wager – the ludicrous wager – to put on the same chess board of knowledge all the disciplines involved in a sole, unique domain of our profession.

And I look ahead,
I see the long road before us,
I see the projects that mark it off,
I see the Principality and the Grimaldi as a prestigious haven along our road,
with the patronage of HSH the Prince of Monaco, that of the Director General and the Assistant Director General for Sciences of the UNESCO...

The congresses have come one after the other...the generations likewise, and the young have jumped aboard...
And projects continue to spring up, those of OESO, those of the OESO Foundation, with the stamp of distinction bestowed by UNESCO!

I know full well that the 13th Congress will be a handsome success, thanks to all the components assembled here on this occasion, thanks to those who have helped me by their presence, their ideas, their advice, and their strength, thanks to you who have, once again, responded to our call, who have accepted to comply with the stringent constraints of the OESO format, who bring me today, very simply, to the expression of my appreciation.

Robert Giuli
**Program at a glance**

<table>
<thead>
<tr>
<th>TIME</th>
<th>Room Camille Blanc</th>
<th>Room Van Dongen</th>
<th>Room Genevoix</th>
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<td><strong>OPENING CEREMONY</strong></td>
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<td>08:00 am</td>
<td><strong>Neurophysiology:</strong></td>
<td>From theoretical model to clinical practice</td>
<td>Endoscopic technologies Panel / Selected companies</td>
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<tr>
<td>10:00 am</td>
<td>From the esophagus to the brain and back again</td>
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<tr>
<td>10:30 am</td>
<td>New Paradigms of Information, Communication and Learning in Medicine</td>
<td>From theoretical model to clinical practice</td>
<td>Functional technologies Panel / Selected companies</td>
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<td>“Imagine” Advanced luminal imaging Imaging esophageal structure and function</td>
<td>Provocative testing and it’s future</td>
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<tr>
<td>04:00 pm</td>
<td>The Great Exchange Scientists/Clinicians meet Industry</td>
<td>Oral Presentations Endoscopy</td>
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<tr>
<td>04:30 pm</td>
<td>The OESO White Paper</td>
<td>Symposium Laryngo-pharyngeal Reflux: Treatment Beyond PPIs</td>
<td>Oral Presentations Endoscopy</td>
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<td>02:00 pm</td>
<td>Lectures B</td>
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<td>Interactions heart-esophagus Friends or foes?</td>
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<td>04:00 pm</td>
<td>Mini Forum Expert/Young Investigator Physiology/ Functional diseases</td>
<td>Mini Forum Expert/Young Investigator Endoscopy-Endoscopic surgery</td>
<td>Mini Forum Expert/Young Investigator Surgery</td>
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<td><strong>GALA EVENING</strong> Yacht Club Monaco</td>
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<td>Allergies on the run Eosinophilic esophagitis</td>
<td>Follow the swallow A multidisciplinary kick</td>
<td>Airway reflux</td>
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<td>GERD-NERD-NCCP Revived</td>
<td>12 Selected posters (Oral presentation)</td>
<td>The inlet and outlet valves Sphincteric issues</td>
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<td>Engineering the esophagus Role of engineers and surgeons</td>
<td>Between GERD and NERD Weekly acidic reflux</td>
<td>Oral Presentations Motility</td>
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<td>Towards the Esophagiome Integration of models From Genetics to Physiology</td>
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<td>Bariatric surgery</td>
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<td>The Impact of obesity on foregut cancer (1)</td>
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<td>Locally advanced esophageal cancer</td>
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<td>Contempory options for management and controversies</td>
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<td>Sensory abnormalities in esophageal disease</td>
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Opening Ceremony

Monday, August 31
6.30 pm
at the Grimaldi Forum Salle Prince Pierre

Dance performance
“The passengers”

The passengers
Evolving around hundreds of small hourglasses, humanity attempts to make its way through. A dance of life, fleeting, under the eye of time that is closely watching. It all begins by a luminous spot on two bodies interwoven in the center of the stage. Then, as this ray of light widens, the bodies untie and begin swirling. They are going to live their lives – that is – their dance. Their points and balances, uncertain, reflect the frailty of life.

(Coproduction Anthéa and Eugénie Andrin Dance Company)
Opening Ceremony

General Delegate for Tourism and Congresses, Principality of Monaco
Mr Guillaume Rose

Founder of OESO – Deputy Executive Director
R. Giuli

President of OESO
G. Triadafilopoulos

Secretary General of OESO
C. Scarpignato

Vice-President of the OESO Foundation
P. Pokieser

Congress Presidents
H. Gregersen
Myung-Gyu Choi
L. S. Miller
D. Nocca

... the esophagiome

J.G. Brasseur – H. Gregersen – R.W. McCallum

President of the Scientific Center of Monaco
P. Rampal – Michèle Liégeon

Assistant Director-General of UNESCO for Natural Sciences
Mrs Flavia Schlegel

Minister of State
His Excellence Michel Roger

Welcome Address
His Serene Highness Prince Albert II

Reception
• on the Esplanade Princess Grace •

given by the Direction of Tourism and Congresses of Monaco
Post-Graduate Course
Clinical Session

Monday, August 31
10:30 am – 12:30 pm
• Room: Poulenc

Current Techniques in Esophageal Disease

Chairs: Roger P. Tatum (USA) – Peter C. Wu (USA)

• Update on pharmacologic options in refractory reflux and atypical symptoms of GERD. Carmelo Scarpignato (Italy)
• Utilizing Chicago Classification 3.0 in High-Resolution Manometry: advances in diagnosis and comparison with older methods of interpretation. C. Prakash Gyawali (USA)
• Surveillance in Barrett’s Metaplasia: current recommendations and debates. Varocha Mahachai (Thailand)
• Advanced endoscopic resection techniques for esophageal lesions. Kevin Reavis (USA)
• Use of esophageal stents: indications and outcomes. Kulwinder S. Dua (USA)
• Repair of giant hiatal hernia: current recommendations. Edgar Figueredo (USA)
• Evolution of minimally invasive esophagectomy, and where are we now? Carlos A. Galvani (USA)
• Alternative esophageal conduits: when and what to use when the stomach is not an option? Robert Yates (Seattle)

Post-Graduate Course
on esophageal pain

Monday, August 31
2:00 – 4:00 pm
• Room: Poulenc

Chair: Asbjørn M. Drewes (Denmark)

• The visceral pain system. Asbjørn M. Drewes (Denmark) 30 min
• The concept of quantitative sensory testing:
  How to stimulate the esophagus? Asbjørn M. Drewes (Denmark) 20 min
  How to measure the central processing of esophageal sensations and pain?
  a) neurophysiological methods: Christina Brock (Denmark) 20 min
  b) imaging methods: Jens B. Frøkjær (Denmark) 20 min
• How to treat esophageal pain: evidence from experimental methods. Asbjørn M. Drewes (Denmark) 20 min
Discussion 10 min
The OESO Foundation Course
The UNESCO Chair for distance Learning
OESO – IICE
Integrated Information, Communication and Education in Medicine

Session 47
Monday, August 31
2:00 – 4:00 pm
Room: Lifar

Course Introduction: OESO – IICE

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

Promoting interdisciplinary exchange between clinical and social sciences, the OESO Foundation presents an interactive course about medical information communication and learning in medicine

- “The unified patient hospital” a model of global medicine. Peter Pokieser (Austria)
- Empowerment of health professionals in the “knowledge age”. Michaela Wagner Menghin (Austria)
- A patient, a problem and responsibility: the Clinician’s privilege. Martin R. Fischer (Germany)

Session 48
Monday, August 31
4:30 – 6:00 pm
Room: Lifar

Psychology, Sociology and Clinical Medicine

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

- Information psychology and technology: mind and tools. Michaela Wagner Menghin (Austria)
- Communication sciences: what doctors should know about TV. Peter Pokieser (Austria)
- Why science of education is not E-Learning. Martin R. Fischer (Germany)
The format of **questions/answers** remains the OESO platform – greatly awaited – of the scientific sessions: several series of very precise questions dealing with any of the 19 disciplines represented in OESO, with answers not exceeding 5 minutes each.

This is by far the formula applied for the major part of the program, allowing for an exceptional in-depth dissection of the single theme of the congress.

The titles of the sessions give a taste of the true multi-disciplinary, transversal approach of the topics, related to fundamental, physiological research, as well as to clinical investigations and treatments of esophageal dysfunction and diseases.

The aim of the program is to study in a trans-disciplinary way one organ, the esophagus, in all its aspects, from its physiological functions to diverse pathological evolutions.

It will offer, throughout 3 full days, an exhaustive access to esophagology.

The names of the speakers are those of prestigious, world renowned specialists.

They illustrate the level of the scientific program.
Session 1

Tuesday, September 1
8:00 – 10:00 am
Room: Camille Blanc

Neurophysiology
From the esophagus to the Brain and back again

Chairs: Richard W. McCallum (USA) – Asbjørn M. Drewes (Denmark)
Discussant: Adam D. Farmer (UK)

- Overview of the neurophysiology of the esophagus with reference to pain. Richard W. McCallum (USA)
- Novel technologies to investigate esophageal physiology. C. Prakash Gyawali (USA)
- Investigating the esophageal mucosal barrier in painful esophageal disorders. Adam D. Farmer (UK)
- Imaging of esophageal pain – fMRI. Jens Frøkjaer (Denmark)
- Imaging of esophageal pain – DTI. Jens Frøkjaer (Denmark)
- The effect of personality on esophageal pain. James Ruffle (UK)
- Can physical exercise modulate esophageal pain? Christina Brock (Denmark)
- Physiological vagal modulation of esophageal pain. Adam D. Farmer (UK)
- Electrical vagal modulation of esophageal pain. Christina Brock (Denmark)
- Esophageal pharmacotherapy in the 21st century – beyond PPIs. Carmelo Scarpignato (Italy)
Mechano-Physiology of the Gastro-Intestinal Tract

The aim of this symposium is to demonstrate the importance of the interaction between neurophysiological signaling between the various muscle groups of the esophageal body and sphincters, the mechanical responses of these muscle groups by changes in muscle tension, the resulting deformation changes that force the liquid bolus within the upper GI tract, the functional consequences of the above, and the clinical applications of deeper levels of understanding of the interactions between mechanics and neurophysiology in diagnostics and therapeutics surrounding treatments of functional disorders and esophageal disease. A second theme is the potential value of mathematical modeling and computer simulation to enhance knowledge and to integrate with evaluation techniques such as high-resolution manometry, impedance and imaging.

Session 2
Tuesday, September 1
8:00 – 10:00 am
Room: Van Dongen

From theoretical model to clinical practice (Part 1)

Chair: James G. Brasseur (USA)
Discussant: Peter Hunter (New Zealand)

• Mechano-physiology: integrations of mechanical principles, neuro-physiology of muscle response, and modeling in the analysis of esophageal function. James G. Brasseur (USA)
  – Mix of pedagogy with research to discuss mechanical response to neurophysiological inputs in the function and dysfunction of the esophageal body and the function of the gastro-esophageal segment.
  – Physio-mechanics of the “transition zone”. – Physio-mechanics of esophageal emptying.
  – The application of mathematical modeling and computer simulation to enhance understanding of mechano-physiology.

• Neurogenic propulsive mechanics. Jack Wood (USA)
  – Polysynaptic reflex circuits. – Excitatory motor neurons: changes in muscle tone.
  – Inhibitory motor neuron: changes in muscle tone. – Response of the tunica muscularis to neural input.
  – Neurological control of propulsion.

• Anatomy, physiology, neurophysiology and mechanical response of the muscles of the esophagus and proximal stomach. Larry S. Miller (USA)
  – The interactions between the neurophysiological processes and changes in muscle tone in the muscle groups that contribute to the sphincteric function of the gastro-esophageal segment: (a) the skeletal muscles of the crural sphincter, (b) the smooth muscles of the sling and clasp fiber complex, and (c) the transition in smooth muscle structure from the esophageal body into the sphincteric segment.
  – “Normal” interactions among these skeletal and smooth muscle groups to allow the sphincteric segment to function normally (i.e., to open to allow a bolus to be forced from the lower esophagus into the gastric cardia, closed to protect the lower esophagus against acid reflux, and open to allow belch and regurgitation when needed).
  – “Abnormal” interactions among these muscle groups that lead to mechanical failure and unwanted or chronic reflux.

• The potential role of intraluminal impedance measurement in deducing esophageal fluid motions. Taher Omari (Australia)
  – (Very Brief) background on how esophageal intraluminal impedance has been used in the past.
  – Use of impedance to predict bolus diameter and diameter change in-vivo.
  – Combining impedance measurement with pressure measurement to determine mechanical wall states in real time in-vivo.
  – Use of mechanical wall states to deduce neutral inputs.
  – Use of mechanical wall states to explain symptom generation in individual dysphagia patients.

• Normal and abnormal variation in swallowing patterns: clinical utility and their potential role as phenotypes. Rohan B. Williams (Republic of Singapore)
  – High resolution video-manometry captures the complexity of pressure-flow phenomena in swallowing in an unprecedented level of detail.
  – One consequence of this increase in data quantity and quality in that biological variation between individuals (inter-subject variation) is no longer simply a matter of understanding statistical variation in the small number of measured variables, but is rather an inherent and conspicuous feature of the data.
  – The systematic exploitation of such data on inter-subject variation has the potential to greatly improve our understanding of swallow function, at multiple biological levels.
  – I will illustrate this notion by examining patterns of intersubject variation in normal and disordered swallowing, including instances of highly deranged, or decompensated, swallowing in patients.
  – Secondly, I will demonstrate the potential for features of video-manometry data to be used for disease classification, as illustrated by the example of distinguishing dysphagia of myogenic from neurogenic origin in inflammatory myopathy.
  – Finally, the opportunities and challenges of using high resolution video-manometry data as phenotypes in the large scale genetic surveys will be briefly explored, with specific reference to gaining insight into the molecular-cell correlates of normal and disordered swallowing.
Session 3

Tuesday, September 1
8:00 – 10:00 am
Room: Genevoix

Endoscopic technologies
Panel clinicians / Selected companies

Chairs: George Triadafilopoulos (USA) – Myung-Gyu Choi (Korea)
Panel: Eduardo De Moura (Brazil) – Thomas D. Wang (USA)

Industry panel:
- Stenting the esophagus / benign & malignant diseases. Boston Scientific
- Magnifying endoscopy with Narrow Band Imaging. Olympus
- Fluorescence imaging. Olympus
- Confocal laser and probe-based endomicroscopy. Mauna Kea
- Focal ablation systems and cryotherapy. C2 Therapeutics

- Selected firms specializing in the field of Endoscopy will be represented on stage.
- Facing them will be clinicians, each one renowned at the highest international level.
- First, a presentation by each representative of a firm, putting forth the qualities and nature of its devices, plus the future prospects its ongoing research leads to hope for in this domain.
  - Then, an exchange,
    - with the panel of clinicians, in the format of several, carefully drawn up questions approved beforehand by the firm,
    - with the public of potential users, made up of practitioners and young investigators,
  - completed after the congress by a document written by the panel, sent to the firms for approval, and made widely accessible on the IT media.

This interactive exchange will by no means represent a competition between firms but, on the contrary, an opportunity to put forth the advantages of their devices.

In addition, this session will take place in the framework of a moral charter which will guarantee that no firm participating will find itself facing competition from another Industry representative contributing to the exchange.

- Each Industry representative is to clearly and objectively put forth those products suited to the debate in such a way as to enlighten the public on the current and future prospects of his/her company.
- Each Industry representative will be requested to address questions following the presentation in a manner so as to exclude any negative reference to his/her competitor.
Session 4

Tuesday, September 1
8:00 – 10:00 am
Room: Bosio

The Impact of obesity on foregut cancer

Chairs: David Nocca (France) – Jaideepraj Rao (Singapore)
Discussant: Kevin Reavis (USA)

- Should the obese population be screened for esophageal cancer? Wen-qiang Wei (China)
- What impact does obesity have on esophagectomy operative risk? Robert Yates (USA)
- What are the common genetic pathways between obesity and esophageal cancer? Asad Umar (USA)
- Does weight loss surgery reverse esophageal cancer risk? David Nocca (France)
- Is gastric bypass contraindicated in the Asian population? Jaideepraj Rao (Singapore)

Complications

- Is CT scan the best imaging to detect post-surgical complications in the esophagus? Peter Porieser (Austria)
- What is the incidence of severe regurgitation post lap band? Kevin Reavis (USA)
- Electrical stimulation for reflux after sleeve gastrectomy. Alejandro Nieponice (Argentina)
- Are endoscopic stents the way to treat gastro-esophageal leaks? Kevin Reavis (USA)
- Should we really stent post- surgical esophageal leaks? Jean-Christophe Valats (France)
- What are the endoscopic treatment options for esophageal fistulas? Jong-Jae Park (Korea)
Management of locally advanced esophageal cancer
Contemporary options and controversies

Chairs: David H. Ilson (USA) – Tie-Hua Rong (China)
Discussant: Paul M. Schneider (Switzerland)

• Preoperative chemotherapy versus chemoradiotherapy in esophageal and GE junction adenocarcinoma: what is the status of the current debate?
  – Case presentation before and after debate: a 58 year old male with a T3N1 GE junction adenocarcinoma.
  – Preoperative Chemotherapy.
  – Preoperative Chemoradiotherapy. David H. Ilson (USA)

• What is optimal therapy for squamous cancer of the esophagus: chemotherapy, chemoradiotherapy, or surgery?
  – Case presentation before and after debate: a 63 year old woman with a distal third squamous cancer of the esophagus, T3N1.
  – Chemoradiotherapy without surgery. Mark Krasna (USA)
  – Surgery is mandatory regardless of preoperative therapy. Richard van Hillegersberg (Netherlands)

• HER2 and other Biomarkers: What is the status of targeted therapies in combined modality therapy of esophageal cancer?
  – Didactic Lecture: What is the status of targeted therapies in combined modality therapy of esophageal cancer? David H. Ilson (USA)
  – Case presentation before and after lecture: a 60 year old man presents with a T3N1 GE junction adenocarcinoma, 3+ for HER2.

• Panel discussion
Session 6
Tuesday, September 1
10:30 am – 12:30 pm
Room: Camille Blanc

New paradigms of Information, Communication and Learning in Medicine

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

Clinical medicine meets Psychology and Sociology
- What are the new paradigms of information, communication and learning in Medicine? Peter Pokieser (Austria)
- What is the specific contribution of OESO to the medical community? Peter Pokieser (Austria)
- The OESO method of interdisciplinary questions and answers: a model for education? Christoph Schuhmacher (Germany)

Discussion
- Steady growth of the www medical social space: how is e-Learning in Eurasia? Mansoor Fatehi (Iran)
- Steady growth of the www medical social space: how is e-Learning in Asia? Peter Pokieser (Austria)
- UNESCO Chair for distant learning: how is e-Learning in Africa? Antoine Geissbuhler (Switzerland)

Discussion
- Modern medical education: local art or global trend? Martin R. Fischer (Germany)
- Psychology: do we improve in our patient relations? Michaela Wagner Menghin (Austria)
- e-Health and e-Learning: is there any relation between telemedicine and teleeducation? Vivian DeRuijter (Netherlands)

Discussion
- Social media: successful tools for individuals and business, how is about institutional medicine? Alexander Sachs (Austria)
- Massive open online courses and webinars: a temporary fashion or powerful development? Alexander Sachs (Austria)
- Semantic search for medical information: do we expect a boost of information quality? Elmar Kotter (Germany)

Discussion
- Theranostics: do they have an impact on esophagology? Osman Ratib (Switzerland)
- What is the role of radiology for e-Health? Emanuele Neri (Italy)
- Digital pathology: too much data for e-Health? Wolfgang Pokieser (Austria)

Discussion
Session 7
Tuesday, September 1
10:30 am – 12:30 pm
Room: Van Dongen

From theoretical model to clinical practice

Chair: James G. Brasseur (USA)
Discussant: Peter Hunter (New Zealand)

Mechano-physiology of the gastro-intestinal tract (Cont.)

- The esophagiome concept with special focus on tissue remodeling and what drives remodeling. Hans Gregersen (Denmark-China)
  - The concept of the Esophagiome and applying bioengineering principles in Esophagology.
  - Geometric and structural remodeling. – Mechanical and functional remodeling.
  - What are the key drivers of physiological and non-physiological remodeling.
  - Assessment of remodeling in human and animal experiments. – Reversibility of remodeling.
  - Remodeling, disease and symptoms.

- Esophageal function and structure from distension – Adding to the knowledge base.
  Barry P. McMahon (Ireland)
  - Is the body of knowledge enhanced by distension measurement or is it just another toy?
  - Pressure/cross sectional area relationship to opening patterns and luminal muscle relaxation.
  - Basic mechanical responses to using measurements of intraluminal pressure concurrent with luminal cross section (impedance) and wall thickness (ultrasound).
  - Pressure - cross sectional area relationship to opening patterns and relaxation.
  - Clinically useful knowledge obtained by challenging the oesophageal body, UES, and EGJ.
  - Application of distension techniques to diagnosis, treatment or monitoring of common oesophageal diseases.

- Biomechanical properties, tissue remodeling, constitutive modeling and finite element modeling of esophageal function and dysfunction. Jingbo Zhao & Donghua Liao (Denmark)
  Part 1, Jingbo Zhao (Denmark)
  - Biomechanical properties, tissue remodeling, constitutive modeling and finite element modeling of esophageal function and dysfunction.
  - Biomechanical remodeling induced by growing, aging, and diseases in animal studies.
  - Biomechanical remodeling in relation to age, systemic sclerosis, diabetes, reflux and inflammation in human studies.
  - Esophageal smooth muscle function evaluation using length-tension (stress-strain) and loop curves
  - MR tractography of esophageal structures.

  Part 2, Donghua Liao (Denmark)
  - Constitutive modeling of the esophagus. – Medical image based geometrical modeling of the esophagus.
  - Towards “Virtual Esophagus” through finite element modeling.

- Accurate in vivo measurement of luminal muscle stiffness for clinical application and the role of flaccid sphincteric muscle in chronic reflux. James G. Brasseur (USA)
  - Elastic modulus: technical definition, interpretation as stiffness, relationship compliance.
  - The “Laplace law” and the “standard” method for measuring stiffness of luminal wall muscle and why the current method is incorrect.
  - A new method to estimate a true measure of elastic modulus.
  - The role liquid in the gastro-esophageal segment in the potential for reflux, and physio-mechanical consequences reduced sphincteric muscle stiffness to chronic reflux.
Session 8
Tuesday, September 1
10:30 am – 12:30 pm
Room: Genevoix

Functional technologies

Chairs: Frank Zerbib (France) – Serhat Bor (Turkey)
Panel: Valmik Bhargava (USA) – Jürgen Hochberger (Germany-France)
– Johannes Lenglinger (Austria)

Industry panel:
– FLIP procedure. Crospon
– SmartPill – Barrx™RFA – GI functional diagnostic Portfolio. Medtronic – Covidien
– HRM – Impedance – pH metry. Sandhill
– Endoscopic surgery. Ethicon

• Selected firms specializing in the field of functional technologies will be represented on stage.
• Facing them will be clinicians, each one renowned at the highest international level.
• First, a presentation by each representative of a firm, putting forth the qualities and nature of its devices, plus the future prospects its ongoing research leads to hope for in this domain.
  – Then, an exchange,
    - with the panel of clinicians, in the format of several, carefully drawn up questions approved beforehand by the firm,
    - with the public of potential users, made up of practitioners and young investigators,
  – completed after the congress by a document written by the panel, sent to the firms for approval, and made widely accessible on the IT media.

This interactive exchange will by no means represent a competition between firms but, on the contrary, an opportunity to put forth the advantages of their devices.

In addition, this session will take place in the framework of a moral charter which will guarantee that no firm participating will find itself facing competition from another Industry representative contributing to the exchange.

– Each Industry representative is to clearly and objectively put forth those products suited to the debate in such a way as to enlighten the public on the current and future prospects of his/her company.
– Each Industry representative will be requested to address questions following the presentation in a manner so as to exclude any negative reference to his/her competitor.
Session 9

Tuesday, September 1
10:30 am – 12:30 pm

Room: Bosio

**Bariatric surgery and benign esophageal disease**

**Chairs:** David Nocca (France) – Kevin Reavis (USA)

**Discussant:** Eduardo de Moura (Brazil)

**The disruption of esophageal motility following bariatric surgery**
- Is esophageal function normal in the morbidly obese? Salvatore Tolone (Italy)
- What is the impact of lapband on esophageal function? Marco Anselmino (Italy)
- What is the effect of gastric bypass on esophageal function? David Nocca (France)
- What is the effect of gastric sleeve on esophageal function? Robert Yates (Seattle)
- How should iatrogenic achalasia post lapband be treated? Kevin Reavis (USA)

**GERD before and after surgery for obesity**
- What is the physiologic basis of improved GERD post weight loss? Shobna Bhatia (India)
- The role of Radio-frequency in post-bariatric GERD. Kevin Reavis (USA)

**Lecture:** Sleeve gastrectomy + film. David Nocca (France)
Session 10

Tuesday, September 1
10:30 am – 12:30 pm

Room: Poulenc

Advances in the systemic therapy of advanced esophageal cancer

Chairs: Michael K. Gibson (USA) – Vikash Sewram (South Africa)
Discussant: Kulwinder S. Dua (USA)

Current status of systemic chemotherapy for esophageal cancer.
• Is optimal therapy 2 or 3 chemotherapy agents? David H. Ilson (USA)
• What is the role of Irinotecan in first and second line therapy? Michael K. Gibson (USA)
• Is immunotherapy a viable maintenance strategy for metastatic disease? David H. Ilson (USA)
• Are immunotherapy agents ready for large scale randomized trials? Michael K. Gibson (USA)
• The role of BMP4 and growth factors in chemo-resistance of esophageal cancers. Silvia Calpe (Netherlands)
• Does multi-modality therapy improve survival in cT2 esophageal carcinoma? Erwin Rieder (Austria)

Targeted agents and genomic profiling in advanced esophageal cancer.
• Personalized and targeted therapy of esophageal squamous cell cancer? Xiao (Luke) Chen (USA)
• Is there a role for genomic profiling of esophageal and GE junction cancer? Michael K. Gibson (USA)
• How does genomic profiling correlate with tumor location and histologic subtype? Iqbal Parker (South Africa)
• What is the status of HER2 targeted drug therapy in gastro-esophageal cancer? Vikash Sewram (South Africa)
• What is the future of anti angiogenic therapy in esophageal cancer? David H. Ilson (USA)
• Are liquid biopsies the future in esophageal cancer? Daniela Kandioler (Austria)

Palliation of dysphagia: chemotherapy, stenting, or radiotherapy?
• What is the role of chemotherapy in dysphagia palliation? David H. Ilson (USA)
• What is the role of radiotherapy in dysphagia palliation? Michael K. Gibson (USA)
• What is the role of stenting in dysphagia palliation? Kulwinder S. Dua (USA)
Session 11 / 12

Tuesday, September 1
2:00 – 4:00 pm

Room: Van Dongen

“Imagine”
Advanced luminal imaging
Imaging esophageal structure and function

Chairs: Yong-Chan Lee (Korea) – Thomas D. Wang (USA)
Discussant: Kulwinder S. Dua (USA) – George Triadafilopoulos (USA)

• How we adopt advanced luminal imaging techniques to guide therapeutic endoscopy?
  Junichi Akiyama (Japan)
• Chromoendoscopy with HD white light imaging. Pises Pisespongsa (Thailand)
• Cytosponge and pillcam. Ki Baik Hahm (Korea)
• Confocal laser endomicroscopy. Joo Young Cho (Korea)
• In vivo molecular imaging. Thomas D. Wang (USA)
• What impact will esophageal impedance testing have on clinical outcomes in GERD?
  Roger P. Tatum (USA)
• Can catheter-based high-frequency intraluminal ultrasound imaging of the muscle layers of the
  esophagus assess the extent of achalasia, diffuse esophageal spasm, and nutcracker esophagus?
  Cecilio Santander Vaquero (Spain)
• How can impedance planimetry be used to assess the function of the upper esophageal sphincter?
  John O’Dea (Ireland)
• How does the microbiome affect inflammatory changes in the epithelium of the esophagus that
  may increase risk for GERD and EAC? Paolo Bechi (Italy)
Session 13

Tuesday, September 1
2:00 – 4:00 pm
Room: Genevoix

Provocative testing and its future

Chairs: Virender Sharma (USA) – Edy Soffer (USA)
Discussant: Roberto Penagini (Italy)

- Which provocative balloon distension test to use in esophagus: multimodal probe, impedance planimetry, functional luminal imaging probe (FLIP), barostat or the hydrostat?
  Hans Gregersen (Denmark, China)
- Does multimodal provocative testing contribute clinically and scientifically relevant information?
  Hans Gregersen (Denmark, China)
- What is the usefulness of multiple rapid swallowing using water drinking test as provocative testing during high resolution manometry? Roberto Penagini (Italy)
- What is the usefulness of bolus temperature during water drinking test as provocative testing during high resolution manometry? Roberto Penagini (Italy)
- What is the impact of provocative testing on esophageal sensory pathways?
  Anisa Shaker (USA)
- Does changing bolus consistency provide added information on esophageal symptoms and contractile pattern? Edy Soffer (USA)
- How helpful is esophageal acid perfusion as a provocative test? Edy Soffer (USA)
- Balloon distension /electrical stimulation and fMRI. Adam D. Farmer (UK)
- What has esophageal balloon distension taught us about central mechanisms of visceral pain?
  Adam D. Farmer (UK)
Session 14

Tuesday, September 1
2:00 – 4:00 pm

Room: Bosio

Sensory abnormalities in esophageal diseases

Chairs: Asbjørn M. Drewes (Denmark) – Serhat Bor (Turkey)
Discussant: Christina Brock (Denmark)

- How is the sensory innervation of the esophagus? Christina Brock (Denmark)
- What is the relation between the autonomic nervous systems and esophageal symptoms? Adam D. Farmer (UK)
- How can esophageal pain be assessed in the experimental settings? Asbjørn M. Drewes (Denmark)
- What are the quantitative and qualitative characteristics of esophageal mechanosensation? Hans Gregersen (Denmark, China)
- Can sensory abnormalities in the esophagus be reflected in HRM? C. Prakash Gyawali (USA)
- How can assessment of sphincter function be used to unravel esophageal symptoms? Barry P. McMahon (Ireland)
- Does multimodal assessment of pain reflect the symptoms in Barretts esophagus? Christian Lottrup (Denmark)
- How can imaging methods be used to understand esophageal pain syndromes? Jens Frøkjær (Denmark)
- What are the sensory characteristics for patients with functional esophageal pain? Dag Arne Hoff (Norway)
- How can drugs affect sensory symptoms from the esophagus? Carmelo Scarpignato (Italy)
- Can modulation of the parasympathetic nervous system be used to treat esophageal hypersensitivity? Anisa Shaker (USA)
- What is the role of dilated intercellular spaces? Serhat Bor (Turkey)
- Is there any difference between distal and proximal esophagus for innervation and sensitivity? Edoardo Savarino (Italy)
- Bernstein test: why never work? Luis Novais (Spain)
- What is the role of psychiatric medications in esophageal pain? Ram Dickman (Israel)
Sessions 15 et 17 are designed to be an introduction to endoscopic surgery of the esophagus and includes an introduction to the equipment and steps to complete a successful POEM, POET, and ESD. Learners will have an opportunity to perform these procedures in a simulated environment with supervision by experienced endoscopic surgeons.

**Session 15**

Tuesday, September 1  
2:00 – 4:00 pm  
Room: Poulenc

**Hands on simulation (1)**

Chair: Michael B. Ujiki (USA)  
Faculty: Dean Mikami (USA) – Kenric Murayama (USA) – Lee L. Swanström (USA-France)

**Session 17**

Tuesday, September 1  
4:30 – 6:30 pm  
Room: Poulenc

**Hands on simulation (2)**

Chair: Michael B. Ujiki (USA)  
Faculty: Dean Mikami (USA) – Kenric Murayama (USA)
Session 16

Tuesday, September 1
4:30 – 6:30 pm
Room: Camille Blanc

The Great Exchange
Financing Research and Education

On this occasion, world leading clinicians and researchers, reflecting the original multi-disciplinarity of OESO, will meet representatives from the Industry.

This exchange will enable the companies to interact directly with thought leaders, and to present their perspectives on a variety of relevant topics relating to research in their field.

Chairs: Alain Bernard (France) – George Triadafilopoulos (USA) – You-Lin Qiao (China)
Panel: Denis Collet (France) – Hans Gregersen (Denmark-China) – Sacha Loiseau (France)
– Jean Nehme (UK) – David Nocca (France) – Patrick Rampal (Monaco) – Gilles Pagès (Monaco)
– Lee L. Swanström (USA-France) – Frank Zerbib (France) – David Znaty (Israel)

• At a distance (Wharton Business School in Philadelphia): John Kimberly (USA)
• Key Note: José Maria Fernández Rodríguez (Spain)

– Sandhill

The topics, to be discussed in an informal manner between the firms and the panel, could deal with various domains, such as: Autonomy of Universities – Academic research – Private research – Biomedical innovation – Medtech and startups – Funding, Structuring, and Investor perspectives – Conflicts of interest.

Such an interactive exchange among the Industry, the panel above, and the audience made up of practitioners and young investigators, will by no means represent a competition between firms but, in the contrary, an opportunity to go further in the evaluation of the problems encountered in these various domains.

– After the congress, a document will be written by the panel, sent to the firms for approval, and made widely accessible on the IT media.
The OESO White Paper

Chairs: Fabien Calvo (France) – David Ilson (USA) – You-Lin Qiao (China) – Mauno Vihinen (Sweden) + Panel

This session is a much awaited extension of the wealth of information gathered at the 2013 Congress of OESO in Paris, under the theme of cancers of the esophagus.

The objective of the two hours is to present a translational view of the potentials existing today in the realms of epidemiology, genetics, epigenetics, and new investigations, in light of the technological advancements of recent decades now made available to clinicians and researchers.

OESO, in essence, a multi-disciplinary body, brings together renowned specialists from all horizons. Each speaker will offer a part of his/her competence to contribute to making the session an optimistic opening onto the future.

• The role of transcription factors in malignant transformation of basal progenitor cells.  
  Xiao Luke Chen (USA)

• Role of hERG1 K+ channels in Barrett’s esophagus and esophageal adenocarcinoma progression.  
  Annarosa Arcangeli (Italy)

• Expression of hER1 protein in Barrett’s esophagus.  
  Vikash Sewram (South Africa)

• Microbiome in Barrett’s esophagus.  
  Paolo Bechi (Italy)

• Swallowable encapsulated sponge for early detection of esophageal adenocarcinoma using targeted sequencing.  
  Irina Kalatskaya (Canada)

• Role of new specific anti BMP4 antibodies as a new therapeutic approach in esophageal cancer.  
  Silvia Calpe (Netherlands)

• Role of Epigenetics in response to treatments.  
  Pauline Lancia (France)

• Interaction between p53 and response to chemotherapy.  
  Daniela Kandioler (Austria)

• Circulating tumor cells, circulating tumor DNA, and liquid biopsies.  
  Georges Uzan (France) – David H. Ilson (USA)

• Endomicroscopy – relevant information, better therapeutic decision.  
  Sacha Loiseau (France)

• Augmented 3D reality in endoscopic surgery.  
  Lee L. Swanström (USA-France)

• Regulatory genetic variants involved in medicine.  
  Iqbal Parker (South Africa)

• Genomics – Mutations in pre-invasive stages of carcinogenesis.  
  Asad Umar (USA)

• The HVP – OESO data base.  
  Mauno Vihinen (Sweden)

• The Global Alliance – Objectives of the International Consortium.  
  Fabien Calvo (France)

Panel Discussion
**Session 19**

Wednesday, September 2
8:00 am – 10:00 am

**Room: Genevoix**

### Oral Presentations: Endoscopy (O35-O46)

**Chairs:** Myong-Ki Baeg (Korea) – Myung-Gyu Choi (Korea)

**O35 [322]** Computer-aided diagnostic system for the real-time pathology prediction and clinical decision support during narrow band imaging magnification endoscopy in stomach.

Roman Kvaushov, Sergey Kashin; Evgeniy Nikonorov; Ekaterina Krainova; Herbert Edelsbrunner; Olga Dunaeva; Daria Maikova; Anton Lukyanov; Viktor Kapranov; Alexander Russkikh

1) Vologda Regional Cancer Hospital, Yaroslavl, Russia; 2) Moscow Healthcare Department, Moscow, Russia; 3) Institute of Science and Technology, Klasterneuburg, Austria; 4) P.G. Demidov Yaroslavl State University, Yaroslavl, Russia

**O36 [283]** Missing oesophageal cancer upon endoscopy in a prevalent population: a retrospective cohort.

Vivian Wai-Yin Wong

1) The Chinese University of Hong Kong, Hong Kong

**O37 [130]** Predictors of partial vs. complete symptomatic response in patients with esophageal achalasia treated by per oral endoscopic myotomy (POEM).

Zuzana Vackova; Petr Strand; Julius Spicak; Jana Krajcova; Lucie Fremundova; Pavla Loudova; Jan Martinek

1) IKEM, Department of Hepatogastroenterology, Prague, Czech Rep.; 2) Department of Internal Medicine, University Hospital Pizen, Pizen, Czech Rep.; 3) Department of Surgery, Military University Hospital, Prague, Czech Rep.; 4) Department of Radiology, IKEM, Prague, Czech Rep.; 5) Department of Gastroenterology, Hospital Kolin, Kolin, Czech Rep.

**O38 [62]** The imaging diagnosis and treatment with combined-type Y-shaped covered metallic stents for thoracostomach-airway fistulas.

Li Teng-Fei; Han Xin-Wei; Lu Hui-Bin; Ren Ke-Wei; Wu Gang; Zhang Quan-Hui; Li Zong-Ming

1) The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China

**O39 [156]** Per oral endoscopic myotomy: a prospective evaluation of 86 consecutive cases.

Hana Svecova; Julius Spicak; Petr Strand; Zuzana Vackova; Eva Kieslichova; Radex Dolezal; Radim Janousek; Alexandr Pazdro; Thomas Roesch; Jan Martinek

1) Department of Hepatogastroenterology, IKEM, Prague, Czech Rep.; 2) Department of Anaesthesiology and Intensive Care, IKEM, Prague, Czech Rep.; 3) Department of Surgery, Military University Hospital, Prague, Czech Rep.; 4) Department of Radiology, IKEM, Prague, Czech Rep.; 5) Department of Surgery, University Hospital Motol, Prague, Czech Rep.; 6) Department of Interdisciplinary Endoscopy, University Hospital Hamburg-Eppendorf, Hamburg, Germany

**O40 [91]** Endoscopic submucosal dissection versus transthoracic esophagectomy for superficial esophageal squamous cell carcinoma.

Konsalai Luo; Yi Hu; Tiehua Rong; Jianhua Fu

1) Sun Yat-Sen University Cancer Center, Guangzhou, China; 2) Guangdong Esophageal Cancer Institute, Guangzhou, China; 3) State Key Laboratory of Oncology in South China, Guangzhou, China; 4) Collaborative Innovation Center for Cancer Medicine, Guangzhou, China

**O41 [153]** First experiences of confocal laser endomicroscopy (pCLE-Cellvizio) in the diagnosis of gastrointestinal lesions.

Marek Kilnar; Jana Maluskova; Eva Stivova; Eva Honsova; Jiri Fronek; Martin Oliversius; Julius Spicak; Pavel Trunecka

1) Department of Pathology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 2) Department of Transplant Surgery, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 3) Department of Hepatogastroenterology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 4) Transplant center, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.

**O42 [152]** Endoscopy vs. surgery for high-risk early esophageal cancer.

Marek Kilnar; Jana Krajcova; Jana Maluskova; Eva Honsova; Alexandr Pazdro; Tomas Harustek; Zuzana Vackova; Julius Spicak

1) Department of Pathology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 2) Department of Hepatogastroenterology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 3) Third Department of Surgery, 1st Faculty of Medicine, Charles University in Prague and Motol University Hospital, Prague, Czech Rep.

**O43 [300]** Successful endoscopic scar excision and over-the-scope-clip closure for a chronic brocho-esophageal fistula.

Juergen Hochberger; Edris Wedi

1) Strasbourg Univ Hospitals, NHC and IHU, Strasbourg, France

**O44 [294]** Limited oral high-dose steroid treatment and temporary stent implantation are effective for stricture prevention after wide-spread or tubular esd for early esophageal cancer.

Juergen Hochberger; Elena Kruse; Peter Koehler; Adrian Sportes; Edris Wedi

1) Strasbourg Univ Hospitals, NHC and IHU, Strasbourg, France; 2) St. Bernard Hospital, Academic Teaching Hospital of the Univ. of Goettingen, Hildesheim, Germany; 3) Friedrich-Loeffler-Institute, Mariensee, Germany

**O45 [205]** Successful mucosal transplantation from stomach to esophagus for stricture prevention after widespread endoscopic submucosal dissection (esd) for early esophageal squamous cell carcinoma.

Juergen Hochberger; Edris Wedi; Peter Koehler; Andreas Hilficker; Heiner Niemann; Elena Kruse; Silvia Gluer

1) Strasbourg Univ Hospitals, NHC and IHU, Strasbourg, France; 2) University of Hannover, Institute for Artificial Organs LEBAQ, Rebirth Cluster of Excellence, Hannover, Germany; 3) St. Bernard Hospital, Academic Teaching Hospital of the Univ. of Goettingen, Hildesheim, Germany; 4) Friedrich-Loeffler-Institute, Mariensee, Germany

**O46 [139]** Gentamicin submucosal lavage during per oral endoscopic myotomy (POEM): Is it necessary?

Julia Bayer; Zuzana Vackova; Hana Svecova; Jan Martinek

1) IKEM, Prague, Czech Rep.
The pediatric esophagus across the age spectrum
Problems related to esophageal atresia (EA)

Chairs: Olivier Reinberg (Switzerland) – Frédéric Gottrand (France)
Discussant: Philippe Montupet (France)

Prenatal
• Why do we have an EA?
  – Embryology of the esophagus. Arnaud Bonnard (France)
• Experimental models of EA? Benoit Parmentier (France)

Surgical procedures
• EA cure by thoracoscopy in neonates since 2000:
  – What are the benefits today? Olivier Reinberg (Switzerland)
• The problems of long gaps:
  – How to manage them? Benoit Parmentier (France)
• Esophageal replacements for EA? Olivier Reinberg (Switzerland)
• How to train for EA cure by thoracoscopy in neonates
  – Thoracoscopic simulation. Laurent Fourcade (France)
• Robotic surgery for EA in neonates: is it possible? Laurent Fourcade (France)
• What are the other congenital benign lesions of the pediatric esophagus?
  Jean Stéphane Valla (France)

Functional reconstructed esophagus
• How do live children with an EA? Frédéric Gottrand (France)
  – Growth post EA: normal?
• Dysmotility of the esophagus: new concepts? Olivier Reinberg (Switzerland)
• Cajal cells of the esophagus: where are we? Piergiorgio Gamba (Italy)
• Anti-reflux procedures post EA: problems? Jean-Yves Kurzenne (France)

Adults who survived EA
• Complaints of adults who survived EA. Risto Rintala (Finland)
• Barrett post EA? Is there an increased risk? Risto Rintala (Finland)
Session 21

Wednesday, September 2
10:30 am – 12:30 pm
Room: Camille Blanc

Form and function or function and form
Remodeling of form and function of the esophagus in health and disease.

Chairs: Richard W. McCallum (USA) – Jerzy Sarosiek (USA)
Discussant: Hans Gregersen (Denmark-China)

• Does structure and function go hand-in-hand during growth and aging? Liao Donghua (Denmark)
• Can esophageal distension be measured from intraluminal impedance measurements? Valmik Bhargava (USA)
• How come that reflux disease is more common in elderly? Richard W. McCallum (USA)
• Diabetes induces profound changes in stomach and intestines but does diabetes also affect the esophagus? Jingbo Zhao (Denmark)
• What leads to remodeling changes in esophageal muscle stiffness and thickness and how do these changes impact circular and longitudinal muscle function in esophageal peristalsis? James G. Brasseur (USA)
• Are the any changes in form and function of the esophagus in functional chest pain or functional heartburn? Christian Lottrup (Denmark)
• Do endoscopic therapies and surgical intervention remodel the structure and function of the remaining esophagus. Barry P. McMahon (Ireland)
• What structural and functional remodeling take place in achalasia? Larry S. Miller (USA)
• What structural and functional remodeling take place in systemic sclerosis? Hans Gregersen (Denmark-China)
• Does the healing of structural changes within the esophageal mucosa in patients with reflux esophagitis (RE) improve: a) the secretory function of the esophageal submucosal mucous glands? b) the secretory function of salivary glands driven by esophago-salivary reflex? Jerzy Sarosiek (USA)

Session 22

Wednesday, September 2
10:30 am – 12:30 pm
Room: Van Dongen

Immunomodulators of esophageal mucosal damage

Chairs: X. Luke Chen (USA) – Tong Chen (USA)

• Immunomodulators from stromal cells. Anisa Shaker (USA)
• NFκB in gastroesophageal reflux disease. Yu Fang (China)
• IL4 in Barrett’s esophagus. T. Oshima (Japan)
• Adiponectin in Barrett’s esophagus. Cheng Peng (China)
• Effect of Omeprazole on Ectaxin 3. Edaire Cheng (USA)
• Modulation of immunomodulators by chemopreventive agents. Tong Chen (USA)
Session 23

Wednesday, September 2
2:00 – 4:00 pm

Room: Genevoix

Interactions heart-esophagus
Friends or foes?

Chairs: Stephen J. Sontag (USA) – Richard W. McCallum (USA)
Discussant: Ram Dickman (Israel)

- Is there sound evidence to suggest that the esophagus IS a factor in NCCP? 
  C. Prakash Gyawali (USA)
- Is there sound evidence to suggest that the esophagus is NOT a factor in NCCP? 
  Stephen J. Sontag (USA)
- What is the potential course of a patient with cardiac chest pain that is misdiagnosed as NCCP? 
  Richard W. McCallum (USA)
- How do you manage a patient with severe NCCP unresponsive to every conceivable therapy? 
  Ellen Stein (USA)
- What is the long-term natural history of 100 patients with unequivocal NCCP? 
  Richard W. McCallum (USA)
- Are there unconventional theories that might explain the entity known as NCCP? 
  Larry S. Miller (USA)
- The long-term outcome of a VA population with angiogram-negative NCCP referred for EGD. 
  Stephen J. Sontag (USA)

Discussant – with critique of the presentations. Ram Dickman (Israel)
**Session 24**

**Wednesday, September 2**
10:30 am – 12:30 pm

**Room: Bosio**

**GERD and malignancy: Treatment options and outcomes**

Chair: Kenric M. Murayama (USA)  
Discussant: Michae B. Ujiki (USA)

- New treatment options for GERD. Shanu Kothari (USA) 10 min.
  - Discuss treatment options beyond fundoplication.
- Diagnosing the failed fundoplication. Michael B. Ujiki (USA) 10 min.
  - Debate/discussion – Fundoplication vs other therapies for GERD.
    *Michael B. Ujiki (USA) – Shanu Kothari (USA) 20 min*
- GERD to esophageal cancer: review. Edgar Figueredo (USA) 20 min.
- From Barrett’s esophagus to invasive carcinoma. Cathy S. Streutker (Canada) 10 min
- New diagnostic modalities for Barrett’s Esophagus. Dean Mikami (USA) 10 min
  - Discuss newer diagnostic modalities for Barrett’s (Confocal microscopy, Cytosponge, Pillcam, etc).
- Endoscopic therapies for Barrett’s Esophagus. Michael B. Ujiki (USA) 10 min
- Minimally Invasive Esophagectomy. Kenric M. Murayama (USA) 10 min
  - Debate/Discussion – High grade dysplasia: endoscopic therapy vs esophagectomy.
    *Michael B. Ujiki (USA) – Kenric M. Murayama (USA) 30 min*

**Session 25**

**Wednesday, September 2**
10:30 am – 12:30 pm

**Room: Poulenc**

**Pediatric Esophagus**

Chair: Rachel Rosen (USA)  
Discussant: Taher Omari (Australia)

- What is the role of high resolution esophageal manometry in children? Samuel Nurko (USA)
- Testing oro-pharyngeal function with HRIM. Taher Omari (Australia)
- What is the role of the gastroenterologist in the evaluation and management of children with fundoplication? Hayat Mousa (USA)
- How can we balance the benefits and risks of reflux therapies? Benamin D. Gold (USA)
- Barrett’s Esophagus: Is there a concern in the pediatric population. Frédéric Gottrand (France)
- Have we moved beyond pH probe testing? Novel diagnostic tools to diagnose extra-esophageal reflux. 
  *Rachel Rosen (USA)*
  - Discussion on difficult pediatrics cases with the audience.
Invited Lecture

Wednesday, September 2
2:00 – 3:00 pm
Room: Camille Blanc

• Esophageal replacements in children. Olivier Reinberg (Switzerland)
• Introduction. Philippe Montupet (France)

Olivier Reinberg is Professor of Pediatric Surgery at the Pediatric Surgical Department of the University Hospital of Lausanne (CHUV), Switzerland. Specialist in pediatric surgery of the FMH (Federatio Medicorum Helvetiae), certified by the European Board of Paediatric Surgery (EBPS), he is a pioneer in the development of the techniques of minimally invasive surgery and world renowned for his work on esophageal replacements in children.

Invited Lecture

Wednesday, September 2
3:00 – 4:00 pm
Room: Camille Blanc

• The virtual Physiological Human Project. Methodology and status. Peter J. Hunter (New Zealand)
• Introduction. Hans Gregersen (Denmark-China)

Peter J. Hunter is a well-known scientist in the field of mathematical modeling of organs and played a pivotal role in the Virtual Physiological Human (VPH) project, The Physiome. The project aims to use computational methods for understanding the integrated physiological function of the body in terms of the structure and function of tissues, cells and proteins. Professor Hunter is Director of Auckland Bioengineering Institute in New Zealand.
Symposium

Wednesday, September 2
8:00 – 10:00 am
Room: Van Dongen

Laryngeo-Pharyngeal Reflux: treatment beyond PPIs

Chairs: Carmelo Scarpignato (Italy) – Mark Watson (UK)

- Laryngo-pharyngeal Reflux: How to diagnose this Mimicry. Michael Vaezi (USA)
- Laryngo-pharyngeal Reflux: Unmet clinical needs. Carmelo Scarpignato (Italy)
- Efficacy of a novel “UES Assist Device” in management of supra-esophageal complications of reflux disease. Reza Shaker (USA)

Symposium

Wednesday, September 2
2:00 – 4:00 pm
Room: Van Dongen

The use of non-ablative radiofrequency energy (Stretta) for the treatment of GERD
Changing the treatment algorithm for multiple patient profiles

Chair: George Triadafiloopoulos (USA)

- Introduction: George Triadafiloopoulos (USA)
  - Data Summary
  - Facts and myths about Stretta
  - Today’s Stretta therapy
    - What we know now: How it works
    - Safety profile
- Where Stretta fits as a treatment option to relieve GERD in the obese patient, patients post-bariatric procedures and post fundoplication. Kevin Reavis (USA)
- Where Stretta fits as a treatment option to relieve refractory GERD and respiratory symptoms of GERD LPR). Serhat Bor (Turkey)

Hands-on Session with Demo Stretta model
Session 26
Mini Forum Physiology
Expert – Young Investigator
Hans Gregersen (Denmark-China)
Valmik Bhargava (USA)

Session 27
Mini Forum Endoscopy
– Endoscopic surgery
Expert – Young Investigator
Jürgen Höchberger (Germany-France)
Junichi Akiyama (Japan)

Session 28
Mini Forum Surgery
Expert – Young Investigator
Lee L. Swanström (USA-France)
Salvatore Tolone (Italy)

Session 29
Mini Forum Pathology
Expert – Young Investigator
Henry D. Appelman (USA)
Maria Westerhoff (USA)
Ilke Nalbantoglu (USA)

Session 30
Mini Forum Cancer
Expert – Young Investigator
Daniela Kandioler (Germany)
Vivien Wong (China)
Session 31
Thursday, September 3
8:00 – 10:00 am
Room: Camille Blanc

Allergies on the run
Eosinophilic esophagitis (EoE)

Chairs: **Mirna Chehade (USA) – Fouad Moawad (USA)**
Discussant: **Samuel Nurko (USA)**

- Is it possible to miss EoE on biopsy? If so why does this happen? **Hala El-Zimaity (Canada)**
- Are there any histopathologic features in EoE that can distinguish it from GERD? **Heather Dawson (Switzerland)**
- What is the pathophysiology of PPI- responsivity? **Roberto Penagini (Italy)**
- Is it possible to predict PPI-REE from steroid responsive EoE? **Sahar Al-Haddad (Canada)**
- Is EoE the same disease or different between children and adults? **Mirna Chehade (USA)**
- What causes the endoscopic rings and furrows in EoE from a pathologist’s viewpoint? **Andrew M. Bellizzi (USA)**
- What causes esophageal remodeling from an endoscopist’s viewpoint? **Alain Schoepfer (Switzerland)**
- What causes dysphagia in EoE? **Edaire Cheng (USA)**
- How do you measure EoE activity? **Eketerina Safroneeva (Switzerland)**
- What causes lamina propria fibrosis in EoE? **Maha Guindi (USA)**
- What treatment endpoints should be used in EoE? **Alain Schoepfer (Switzerland)**
- How effective is dietary treatment in EoE? **Mirna Chehade (USA)**
- How effective are topical steroids in EoE? **Fouad J. Moawad (USA)**
- When is the role of dilation in EoE? **Fouad J. Moawad (Washington)**
- What are the emerging treatment options in EoE? **Edaire Cheng (USA)**
Session 32

Thursday, September 3
8:00 – 10:00 am
Room: Van Dongen

Follow the swallow

Chairs: **Pere Clave** (Spain) – **Larry S. Miller** (USA)
Discussant: **Laia Rofes** (Spain)

**Oropharynx. Oropharyngeal dysphagia**
- Is impedance an adjunct to high resolution manometry to investigate symptoms and help clinical management of oropharyngeal dysphagia and aspiration? **Natalie Rommel** (Belgium)
- Videofluoroscopic metrics for diagnosis and rehabilitaton of dysphagia. **Pere Clave** (Spain)
- Is impaired brain function the main pathophysiological element responsible for oropharyngeal dysphagia? **Laia Rofes** (Spain)
- Impaired oropharyngeal sensitivity, a target for pharmacological treatment for oropharyngeal dysphagia? **Laia Rofes** (Spain)

**Summary and Discussion. Oropharyngeal dysphagia. 15 Min.**

**Esophageal body. Esophageal dysphagia**
- Is there any esophageal pressure-flow marker/s for esophageal dysphagia? **Taher Omari** (Australia)
- What are the causes of esophageal dysphagia in patients with GERD/NERD? **Frank Zerbib** (France)
- What are the causes of esophageal dysphagia in patients with esophageal motility disorders? **Daniel Sifrim** (UK)
- Is there any marker for return of esophageal peristalsis in the esophageal body of patients with achalasia? Do this modify patient’s clinical complaints? **Cecilio Santander Vaquero** (Spain)
- What causes dysphagia and other symptoms in patients treated for achalasia? Is there any validated clinical guideline to manage these patients? **Michael F. Vaezi** (USA)

**Summary and conclusions. The mechanism of esophageal dysphagia caused by EB dysfunction. 15 min**

**Lower esophageal sphincter**
- What is the role of radiological testing of the lower esophageal sphincter function? **Peter Pokieser** (Austria)
- Any role for impedance planimetry in the clinical evaluation of patients with dysphagia? **Daniel Sifrim** (UK)
- What are the most reliable markers to asses flow across the EGJ by using HRM and impedance? **Taher Omari** (Australia)
- What are the mechanism causing dysphagia in patients with hiatal hernia? **Rami Swels** (UK)
- Is intrabolus pressure the mechanism causing esophageal dysphagia post-funduplication and gastric banding? **Shobna Bhatia** (India)

**Summary and conclusions. The mechanism of esophageal dysphagia caused by LES dysfunction.**
Session 33
Thursday, September 3
8:00 – 10:00 am
Room: Genevoix

Airway reflux
Chairs: Nikki Johnston (USA) – Kenneth W. Altman (USA) / Discussant: Jacquie E. Allen (New Zealand)

- What are the clinical implications of pepsin in airway reflux – biomarker and/or mediator? Nikki Johnston (USA)
- Should we and can we specially target pepsin in the treatment of airway reflux? Nikki Johnston (USA)
- What is the role of reflex biomarkers in predicting clinical outcomes in children? Rachel Rosen (USA)
- How can rodent models be used to investigate laryngeal carcinogenesis? Frank G. Ondrey (USA)
- What is the role of reflex aspiration in chronic cough? Jacquie E. Allen (New Zealand)
- What is the evidence for reflux in chronic sinusitis? John M. DelGaudio (USA)
- What is the evidence for reflux causing postnasal drip? John M. DelGaudio (USA)
- Is magnetic sphincter augmentation an effective therapy for laryngopharyngeal reflux? Jon C. Gould MD (USA)

Session 34
Thursday, September 3
8:00 – 10:00 am
Room: Bosio

Esophageal motility measurement – A vital tool in esophageal surgery
Chairs: Roger P. Tatum (USA) – C. Prakash Gyawali (USA) / Discussant: Robert Yates (USA)

- Esophageal manometry in the workup for antireflux surgery:
  - perspective of the gastroenterologist. Sutep Gonlachanvit (Thailand)
  - and perspective of the surgeon. Edgar Figueredo (USA)
- Use of esophageal manometry in the workup of failed fundoplication. John O. Clarke (USA)
- High resolution manometry in achalasia—do subtypes make a difference on the outcome of surgery? Roger P. Tatum (USA)
- Does the presence of esophageal outflow obstruction on HRM impact surgical decision making? John O. Clarke (USA)
- Clinical use of the Endo-FLIP device—utility in intraoperative assessment of LES myotomy and calibration of antireflux surgery. Johannes Lenglinger (Austria)
- Why do GERD patients do gastroenterologists wish surgeons would never offer operation?
- New tools for assessment of the EGJ barrier. C. Prakash Gyawali (USA)
Session 35
Thursday, September 3
8:00 – 10:00 am
Room: Poulenc

Young Investigators Special Session
Evolving concepts and techniques in the management of esophageal diseases

Chair: Junichi Akiyama (Japan)
Discussant: Ellen Stein (USA)

DIAGNOSTIC PROCEDURES
Endoscopy and other modalities
- Application of disposable ultrathin endoscopy to the esophagus and gastrointestinal system.  Myong Ki Baeg (Korea)
- Should PET be performed routinely or selectively for initial staging of esophageal cancer?  Farhood Farjah (USA)

Esophageal function testing
- Differences of manometric values among several high resolution manometry systems.  Shiko Kuribayashi (Japan)
- Is the determination of esophagogastric junction vigor by high resolution manometry a useful metric in the management of GERD patients?  Salvatore Tolone (Italy)
- Ineffective esophageal peristalsis in patients with and without abnormal esophageal acid exposure.  Salvatore Tolone (Italy)
- Provocative esophageal testing in evaluation of symptoms such as dysphagia, spasm and chest pain. What is the best practice to evoke symptoms during routine and prolonged manometry?  Ellen Stein (USA)
- Impedance-pH testing: a real added value for gastroenterologists and surgeons?  Edoardo Savarino (Italy)
- Distensibility testing of the gastrointestinal tract – Current and future applications.  Christian Lottrup (Denmark)

TREATMENT OPTIONS
- The role of proton pump inhibitor therapy during endoscopic ablation therapy for Barrett’s esophagus.  Junichi Akiyama (Japan)
- The perspective therapeutic approach in treatment of patients with esophageal motility disorders.  Elen Valitova (Russia)
- Results of robot-assisted minimally invasive thoraco-laparoscopic esophagectomy for upper mediastinal esophageal cancer.  Sylvia Van der Horst (Netherlands)
- Is the Utrecht Pneumonia score a valid method for registering pneumonia after esophagectomy?  Teus Weijs (Netherlands)
- Is anastomotic leakage after esophagectomy for cancer related to neoadjuvant radiation dose to the gastric fundus?  Lucas Goense (Netherlands)

Key note: Treatment of early esophageal cancer.  Jan Martinek (Czech Republic)
Session 36

Thursday, September 3
10:30 am – 12:30 pm
Room: Camille Blanc

GERD – NERD – NCCP Revived

Chairs: Young-Tae Bak (Korea) – Michio Hongo (Japan)
Discussant: Daniel Sifrim (UK)

- Heartburn perception in GERD: What do we know about it? Ricard Farré (Belgium)
- Are inflammatory changes at the cardia in Hp negative patients an indication of GERD? Maria Westerhoff (USA)
- Is it ever worth taking biopsies to rule out GERD in case of negative endoscopy? Rhonda K. Yantiss (USA)
- Can mucosal impedance discriminate GERD from non-GERD? Michael F. Vaezi (USA)
- Is measuring esophageal dysmotility important in managing GERD? Edoardo Savarino (Italy)
- What is the prevalence of functional heartburn in referred patients with suspected GERD? Myung-Gyu Choi (Korea)
- Is salivary pepsin testing acceptable in diagnosis of GERD? Daniel Sifrim (UK)
- Are motility drugs helpful in managing GERD patients? Joon Seong Lee (Korea)
- How can we deal with the GERD treatment gap? George Triadafilopoulos (USA)
- Can we predict outcomes of GERD patients with esophageal pH-impedance monitoring? C. Prakash Gyawali (USA)
- Is there association between NERD and obstructive sleep apnea? Jung-Hwan Oh (Korea)
- Is there correlation between GERD and atrial fibrillation? Dong Ho Lee (Korea)
- Is NCCP a reflux disease or motility disorder? Jan Martinek (Czech Republic)
- How close should we look at the hypersensitivity in NCCP? Poong-Lyul Rhee (Korea)
- Erroneous diagnosis of GERD in achalasia: what is retention esophagitis? Hyo jin Park (Korea)

Session 37

Thursday, September 3
10:30 am – 12:30 pm
Room: Van Dongen

Selected Posters

Oral presentations (1)

Chair: Richard W. McCallum (USA)

The content of this session will be determined following the selection of the Jury made during the congress. The presenters will be announced on Wednesday, September 2, at 2:00 pm in the main Hall.
The inlet and outlet valves
Sphincteric issues

Chairs: James G. Brasseur (USA) – Larry S. Miller (USA)
Discussant: Ingo F. Herrmann (Germany)

- How can the “functional luminal imaging probe” (FLIP) technologies be used to provide both fundamental understanding and clinically useful data on the mechanics of the pharyngo-esophageal segment, both in its protective function and especially in relationship to dysfunction? Julie Regan (Ireland)
- Selective stimulation of intrinsic excitatory and inhibitory motor pathways in the LOS. Pere Clave (Spain)
- What is the detailed physiology of the different muscle groups of the gastro-esophageal segment that contribute to the maintenance of luminal squeeze pressures in the resting state that protect the lower esophagus against reflux? Michael R. Ruggieri (USA)
- What are examples of mechanical vs. neurological dysfunctions of the lower esophageal sphincter including the anatomical and/or physiological abnormalities associated with the dysfunction, and diagnostic/therapeutic consequences of the dysfunction? Jack Wood (USA)
- How can the “functional luminal imaging probe” (FLIP) technologies be used to provide both fundamental understanding and clinically useful data on the mechanics of the lower esophageal segment (high-pressure zone), both in its protective function and especially in relationship to dysfunction? Barry P. McMahon (Ireland)
- How can mathematical and computer modeling studies of the pharyngo-esophageal segment be used to provide both fundamental and clinically useful knowledge on the physiology and function of the upper esophageal sphincter, both in its protective function and especially in relationship to dysfunction? Rohan B.H. Williams (Singapore)
- What is the detailed anatomical structure of the various muscle groups spanning the gastro-esophageal segment, the orientation of the muscle fibers, the muscle fiber types and synaptic structure, and the anatomical relationship of these different muscle fiber groups to each other and to the overall structure of the esophagus, gastric cardia, crural and costal diaphragms, phreno-esophageal ligament, and transition in mucosal cell type? Larry S. Miller (USA)
- What changes in the anatomic and physiological state of the different muscle groups of the gastro-esophageal segment cause reductions in squeeze pressure within the body of the lower esophagus and at the junction between the esophagus and gastric cardia, and how are these related to normal and abnormal function? Larry S. Miller (USA)
- How can mathematical and computer modeling studies of the gastro-esophageal segment be used to provide both fundamental and clinically useful knowledge on the physiology and function of the gastro-esophageal segment, both in its protective function and especially in relationship to dysfunction? James G. Brasseur (USA)
- How, when and why do axial motions of the intrinsic and extrinsic muscle groups in the gastro-esophageal segment contribute to changes in closure pressure of the lower esophageal sphincter, and what are the sources of these axial motions? James G. Brasseur (USA)
Esophageal Pathology: Pot-pourri

Chair: Robert H. Riddell (Canada)
Discussant: Henry D. Appelman (USA)

Esophageal carcinoma
- Why are pyloric gland adenomas found in Barrett’s esophagus? Are they a source of non-intestinal carcinomas? Rhonda Yantiss (USA)
- Does the phenotype of esophageal adenocarcinomas, intestinal phenotype vs. others, matter? Dhanpat Jain (USA)
- What is the recurrence rate for non-dysplastic BE and dysplastic BE post endoscopic resection? Does grade matter? Henry D. Appelman (USA)
- What are the mechanisms of recurrence post – endoscopic ablation? Are there any data to support them? Ilke Nalbantoglu (USA)
- Do buried subsquamous glands pose a risk of metastasis? If so when? Dhanpat Jain (USA)
- Does multilayered epithelium ever get mistaken for LGD? If so, why? Robert H. Riddell (Canada)
- What stimulates the development of pancreatic metaplasia in the cardia or lower esophagus? Is it really a metaplasia or is it a variant of normal? Rupert Langer (Switzerland)
- Is it possible to separate carcinoma cuniculatum from verrucous carcinomas, especially in biopsies? Does it matter? Monika Tripathi (Canada)
- Are Merkel cells found in the normal esophagus? If so, are we missing Merkel cell carcinomas and why? Paul E. Swanson (Canada)

Autophagy in esophageal diseases
- What is autophagy and can we/should we detect it in routine pathology specimens? Rupert Langer (Switzerland)
- What is the role of autophagy in GERD/inflammatory esophageal disease? Cathy S. Streutker (Canada)
- What role may autophagy play in the interaction pro and anti-apoptotic pathways in esophageal malignancies? Paul E. Swanson (Canada)

Sloughing esophagitis
- What are the histological criteria for sloughing esophagitis? What are the minimal criteria on which this diagnosis can be made? Henry D. Appelman (USA)
- What are the causes and endoscopic criteria for sloughing esophagitis? Fouad J. Moawad (USA)
- How should sloughing esophagitis be reported (assuming the person receiving the report may never have heard of it). Joanna Gibson (USA)

Lymphocytic esophagitis
- What are the known or suspected causes of lymphocytic esophagitis? Xuchen Zhang (USA)
- Are there criteria for a diagnosis of lymphocytic esophagitis? Which subsets of cells are involved? Mikhail Lisovsky (USA)
- Should lymphocytic esophagitis be reported at all? If so how? Maria Westerfoff (USA)
Session 40
Thursday, September 3
10:30 am – 12:30 pm
Room: Poulenc

Trends in surgery for esophageal carcinoma

Chairs: Richard van Hillegersberg (The Netherlands) – Denis Collet (France)
Discussant: Daniela Kandioler (Austria)

- How do GEJ tumors differ from esophageal and gastric cancer?
  Richard van Hillegersberg (The Netherlands)
- What is new in TNM 8 for esophageal and GEJ staging? Mark J. Krasna (USA)
- How does lymph node staging affect surgical therapy? Daniela Kandioler (Austria)
- Sentinel node biopsy during thoracolaparoscopic esophagectomy for advanced esophageal cancer. Judith Boone (Netherlands)
- What are the advantages and appropriate indications for the use of colon interposition following esophagectomy? Denis Collet (France)
- Newly identified risk factors for anastomotic leakage following esophagectomy.
  Lucas Goense (Netherlands)
- What are the appropriate indications for stent placement to treat anastomotic leak following esophagectomy? Khean-Lee Goh (Malaysia)
- Is early feeding after esophagectomy safe? Misha D.P. Luyer (Netherlands)
- Surgical endoscopic resection. Jürgen Hochberger (Germany-France)
- Is MRI the optimal staging modality after neoadjuvant treatment?
  Peter S.N. van Rossum (Netherlands)
- What is the learning curve of Robot assisted esophagectomy for cancer?
  Jelle P. Ruurda (Netherlands)
- How can we centralize esophageal surgery in Europe? Luigi Bonavina (Italy)

- Video Presentation: Totally robotic Ivor-Lewis esophagectomy (Film).
  Tousif Kabir (Singapore) – Ishara Madhuka (Singapore) – Jaideepraj Rao (Singapore)
Session 41

Thursday, September 3
2:00 – 4:00 pm
Room: Camille Blanc

Engineering the esophagus
Role of engineers and surgeons

Chairs: Barry P. McMahon (Ireland) – Lee L. Swanström (USA-France)
Discussant: John O’Dea (Ireland)
Key note: Peter J. Hunter (New Zealand)

- Are Engineers frustrated surgeons?, or are surgeons frustrated engineers? John O’Dea (Ireland)
- How can the engineer and the clinical work together to better solve the diagnostic and treatment problems in the Esophagus? Larry S. Miller (USA)
- What is the role of software engineering in esophageal diseases? Vivian DeRuijter (Netherlands)
- What will 3-D printing contribute to esophageal surgery?
- What drives the physician inventor? Lee L. Swanstrom (USA)
- The endoflip story: Engineering for a clinical target? or devices searching for applications? John O’Dea (Ireland)
- Lost in Translation – How do we get Clinicians and Engineers to speak the same language? Barry P. McMahon (Ireland)
- What can we learn from engineering models of the esophagus? James G. Brasseur (USA)
- How do we visualize diagnostic data from the esophagus to maximum benefit for the clinician? Barry P. McMahon (Ireland)
- Can Functional knowledge of the UES help in diagnosis and surgical treatment? Julie Regan (Ireland)
- Does distensibility testing give us new information on how the esophagus is engineered? Hans Gregersen (Denmark-China)
Session 42
Thursday, September 3
2:00 – 4:00 pm
Room: Van Dongen

Between GERD and NERD, weekly acidic reflux

Chairs: Frank Zerbib (France) – Daniel Sifrim (UK)
Discussant: Michio Hongo (Japan)

- What are the current definitions of NERD, Functional Heartburn and reflux hypersensitivity? 
  Edoardo Savarino (Italy)
- Can we distinguish functional heartburn from reflux hypersensitivity and NERD in the clinic? 
  Ram Dickman (Israel)
- Is there any evidence of NERD, functional heartburn and reflux hypersensitivity in children? 
  Samuel Nurko (USA)
- Do we need impedance to differentiate different GERD phenotypes? 
  Sutep Gonlachanvit (Thailand)
- What is the pathological role of weekly acidic reflux in refractory symptoms? 
  Frank Zerbib (France)
- What is the role of impairment of the mucosal barrier and integrity in functional heartburn, NERD, and reflux hypersensitivity? 
  Jerzy Sarosiek (USA)
- What is the role of histopathological changes for exclusion of functional heartburn? 
  Edoardo Savarino (Italy)
- How important is aerophagia and air/liquid reflux in pathophysiology and treatment of NERD? 
  Daniel Sifrim (UK)
- Are patients with NERD really responding less well to PPI treatment? Frank Zerbib (France)
- Is there any efficient medical treatment to reduce weekly acidic reflux? 
  Varocha Mahachai (Thailand)
- Are we ready to treat weekly acidic reflux with surgery? Roger P. Tatum (USA)
- Is anti-reflux surgery indicated in NERD, reflux hypersensitivity and functional heartburn? 
  C. Prakash Gyawali (USA)
Session 43
Thursday, September 3
2:00 – 4:00 pm
Room: Genevoix

Oral Presentations: Motility (O62-O73)
Chair: Ellen Valitova (Russia)

Robert Tolboom1,2; Mark Meyer1; Badi Rawasheh1; Mohammad Moslemi1; Barbara Tempesta2; Keith Maas2; Farid Gharagozloo3
1 Meander Medical Center, Amersfoort, Netherlands; 2 University of Arizona Medical Center, Tucson, AZ, USA

O63 [327] Laparoscopic heller myotomy for achalasia: analysis of successes and failures.
Omar Fathy1; GadEl Hak Nabil1
1 Prof. of Digestive Surgery, Mansoura, Egypt; 2 Prof. of Digestive Surgery, Mansoura, Egypt

Javed Yakooob1; Shahab Abd2; Saeed Hamid3; Zahra Armari1; Wasim Jafri1
1 Department of Medicine, Aga Khan University, Karachi, Pakistan

O65 [125] Is gastric motility which is measured by electrogastrography can affect the minimal change esophagitis in children?
Eell Ryoo1; Sunbo Shim2
1 Department of Pediatrics, Gachon University Gil Hospital, Incheon, Korea, South; 2 Graduate School of Medicine, Gachon University, Incheon, Korea, South

O66 The relationship between manometric subtype and outcomes of surgical treatment for patients with achalasia.
Oscar M. Crespin1; Roger P. Tatum1; Keliang Xiao1; Ana V. Martin1; Saurabh Khandelwal1; Carlos A. Pellegri1; Brant K. Oelschlager1
1 Department of Surgery, University of Washington School of Medicine, Seattle, Washington.

O67 [289] Predicting relapse after surgery for achalasia by timed barium esophagogram.
Daniel Pirchi1; Rosa Ramos1; Graciela Salis1; Matias Minura1; Anabel Mangoni1
1 Hospital Britanico de Buenos Aires, Buenos Aires, Argentina

O68 [170] Achalasia 4 years after laparoscopic gastric bypass treated with laparoscopic Heller’s myotomy.
Palle Miliam1; Inge Marie Poulsen1; Axel Kjeldsen1; Lisbeth Edvardsen Hvolris1
1 Surgical section of The Gastrointestinal Unit, Hvidovre University Hospital, Copenhagen, Denmark

O69 [179] Patients with Barrett’s esophagus show hypersensitivity to acid but hyposensitivity to other esophageal stimuli.
Christian Loffstrup1; Anne Lund Krarup1; Hans Gregersen3; Per Ejstrup1; Asbjorn Mohr Drewes1
1 Centre for Translational Research, University of Copenhagen, Copenhagen, Denmark; 2 Department of Gastroenterology, Aalborg University Hospital, Aalborg, Denmark; 3 Department of Medicine, Randers Hospital, Randers, Denmark

O70 [238] New bolus transit parameter in high-resolution impedance manometry: correlation with radionuclide esophageal transit scintigraphy.
Kee Wook Jung1
1 Department of Gastroenterology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, Seoul, Korea, South

O71 [150] Procedure for the diagnosis of esophageal motor disorders from HRM data processing.
Alessandro Frigo1; Emanuele Luigi Carniel1; Arturo N. Natal1; Marco Costantini1; Stefano Merigliano1
1 MechSense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg, Denmark; 2 Department of Medicine, Randers Hospital, Randers, Denmark; 3 GIOME and the Key Laboratory for Biochemical Science and Technology of Ministry of Education, Bioengineering College of Changning University, Chongqing, China; 4 Department of Surgery, Aalborg University Hospital, Aalborg, Denmark

O72 [234] Esophageal motility alterations in neurologic disease.
Laura Candelo1; Danilo Badiali1; Ivan Biviano1; Fortunée Irene Habib1; Enrico Stefano Corazziari1
1 Medicina Interne e Specialità Mediche. Gastroenterologia A, Policlinico Umberto I, Sapienza, Università di Roma, Rome, Italy

O73 [232] Esophageal motility alterations in amyotrophic lateral sclerosis: a part of a complex involvement of autonomic nervous system?
Laura Candelo1; Danilo Badiali1; Ivan Biviano1; Fortunée Irene Habib1; Enrico Stefano Corazziari1
1 Medicina Interne e Specialità Mediche. Gastroenterologia A, Policlinico Umberto I, Sapienza, Università di Roma, Rome, Italy
Session 44
Thursday, September 3
2:00 – 4:00 pm
Room: Bosio

Selected Posters
Oral presentations (2)

Chair: Xiao (Luke) Chen (USA)

The content of this session will be determined following the selection of the Jury made during the congress. The presenters will be announced on Wednesday, September 2, at 2:00 pm in the main Hall.

Session 45
Thursday, September 3
2:00 – 4:00 pm
Room: Poulenc

Achalasia update

Chairs: Valter N. Felix (Brasil) – Michael F. Vaezi (USA)
Discussant: Uday C. Ghoshal (India)

- Achalasia subtypes—what do they mean? Sudep Gonlachanvit (Thailand)
- What is the likely etiology of achalasia—viral, autoimmune or something else? Uday C. Ghoshal (India)
- Drugs for achalasia: How and When? Carmelo Scarpignato (Italy)
- Who should have PD and in whom surgery is the better option? Roberto Penagini (Italy)
- Pneumatic dilation of cardia. How to enhance best results? Charlotte Scheerens (Belgium)
- Botulinum toxin into LES. What is state of art? Michael F. Vaezi (USA)
- POEM: update and comparison to myotomy. Jan Martinek (Czech Republic)
- How to avoid and how to treat esophageal perforations due to POEM? Jürgen Hochberger (Germany-France)
- Per-oral endoscopic re-myotomy as salvage procedure for recurrent dysphagia after Heller myotomy. Erwin Rieder (Austria)
- Dysphagia post PD/myotomy—is it recurrence or GERD? Eduardo De Moura (Brazil)
- Esophagectomy for end-stage achalasia. Is there a place for it yet? When and how? Valter N. Felix (Brazil)
- Should I do surveillance for cancer in achalasia? Luigi Bonavina (Italy)
Session 46
Thursday, September 3
4:05 – 4:45 pm
Room: Van Dongen

Towards the Esophagiome
Integration of models – From Genetics to Physiology

- Introduction. Hans Gregersen (Denmark-China)
- Progress on the macrolevel. Hans Gregersen (Denmark-China)
- Progress on the microlevel. Xiao (Luke) Chen (USA)
- Directions for Esophagiome. Peter J. Hunter (New Zealand)

4:50 – 5:30 pm Closing

Panel: Hans Gregersen – Lee L. Swanström – George Triadafilopoulos
– Roger P. Tatum – Robert Giuli

Closing
Thursday, September 3
4:50 – 5:30 pm
Room: Van Dongen

Panel:
Hans Gregersen
Lee L. Swanström
George Triadafilopoulos
Roger P. Tatum
Carmelo Scarpignato
Robert Giuli
The OESO Foundation

UNESCO Chair for distance learning course

The 10 Sessions to follow are specifically devoted to integrated information, communication, and education in Medicine.

They are organized by the OESO Foundation, the arm of OESO for CME, in the framework of the UNESCO Chair for distance learning.

One of its missions of the OESO Foundation is to set up of a world-wide inter-university network and to develop its program of CME, in cooperation with the Department of Medical Informatics at the University of Geneva.
Session 47

Monday, August 31
2:00 – 4:00 pm
Room: Lifar

Course Introduction: OESO – IICE

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

Promoting interdisciplinary exchange between clinical and social sciences, the OESO Foundation presents an interactive course about medical information communication and learning in medicine

- "The unified patient hospital” a model of global medicine. Peter Pokieser (Austria)
- Empowerment of health professionals in the “knowledge age”. Michaela Wagner Menghin (Austria)
- A patient, a problem and responsibility: the Clinician’s privilege. Martin R. Fischer (Germany)

Session 48

Monday, August 31
4:30 – 6:00 pm
Room: Lifar

Psychology, Sociology and Clinical Medicine

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

- Information psychology and technology: mind and tools. Michaela Wagner Menghin (Austria)
- Communication sciences: what doctors should know about TV. Peter Pokieser (Austria)
- Why science of education is not e-Learning. Martin R. Fischer (Germany)
Session 6

Tuesday, September 1
10:30 am – 12:30 pm
Room: Camille Blanc

New paradigms of Information, Communication and Learning in Medicine

Chairs: Peter Pokieser (Austria) – Martin R. Fischer (Germany)

Clinical medicine meets Psychology and Sociology

- What are the new paradigms of information, communication and learning in Medicine? Peter Pokieser (Austria)
- What is the specific contribution of OESO to the medical community? Peter Pokieser (Austria)
- The OESO method of interdisciplinary questions and answers: a model for education? Christoph Schuhmacher (Germany)

Discussion

- Steady growth of the www medical social space: how is e-Learning in Eurasia? Mansoor Fatehi (Iran)
- Steady growth of the www medical social space: how is e-Learning in Asia? Peter Pokieser (Austria)
- UNESCO Chair for distant learning: how is e-Learning in Africa? Antoine Geissbuhler (Switzerland)

Discussion

- Modern medical education: local art or global trend? Martin R. Fischer (Germany)
- Psychology: do we improve in our patient relations? Michaela Wagner Menghin (Austria)
- e-Health and e-Learning: is there any relation between telemedicine and teleeducation? Vivian DeRuijter (Netherlands)

Discussion

- Social media: successful tools for individuals and business, how is about institutional medicine? Alexander Sachs (Austria)
- Massive open online courses and webinars: a temporary fashion or powerful development? Alexander Sachs (Austria)
- Semantic search for medical information: do we expect a boost of information quality? Elmar Kotter (Germany)

Discussion

- Theranostics: do they have an impact on esophagology? Osman Ratib (Switzerland)
- What is the role of radiology for e-Health? Emanuele Neri (Italy)
- Digital pathology: too much data for e-Health? Wolfgang Pokieser (Austria)

Discussion
Session 49
Tuesday, September 1
2:00 – 4:00 pm
Room: Lifar

Individuum and medicine: Health professionals
Chairs: Emanuele Neri (Italy) – Peter Pokieser (Austria)

• Introduction
• Structured reporting: benefit for doctors or new administrative burden? Daniel Pinto dos Santos (Germany)
• What are the contributions of Radiology to other health professionals beyond imaging? Emanuele Neri (Italy)
• Situation of health professionals in 2025: which changes can be visualised? Alexander Sachs (Austria)
• Current scientific evidence: overview

Session 50
Tuesday, September 1
4:30 – 6:30 pm
Room: Lifar

Individuum and medicine: Patients, citizens
Chairs: Michaela Wagner Menghin (Austria) – Peter Pokieser (Austria)

• Introduction
• The art of taking history: are there new insights and developments? Michaela Wagner Menghin (Austria)
• Children’s Medical University: what can children learn about dysphagia? Peter Pokieser (Austria)
• What are the new citizen claims of modern medicine? Luca Motzo (Germany)
• Current scientific evidence: overview

Session 51
Wednesday, September 2
10:30 am – 12:30 pm
Room: Lifar

Medical institutions: Hospitals, patient care
Chairs: Antoine Geissbuhler (Switzerland) – Osman Ratib (Switzerland)

• Introduction
• What kind of networks support African institutions? Antoine Geissbuhler (Switzerland)
• Are social networks influencing patient care? Osman Ratib (Switzerland)
• E-Health: more fears or hope for patient care? Jürgen Brandstätter (Austria)
• Current scientific evidence: overview
Session 52

Wednesday, September 2
2:00 – 4:00 pm

Room: Lifar

Medical institutions: Science and education

Chairs: Martin R. Fischer (Germany) – Peter Pokieser (Austria)

- Introduction
- Medical institutions: Which factors are fostering knowledge transfer? Martin R. Fischer (Germany)
- Semantic search engines: is there a practical use for education? Elmar Kotter (Germany)
- What are the future prospects of digital pathology? Wolfgang Pokieser (Austria)
- How does ECRIN manage international clinical trials? Christoph Schuhmacher (Germany)
- Current scientific evidence: overview

Session 53

Wednesday, September 2
4:15 – 5:30 pm (interactive collaborative session)

Room: Lifar

Medical institutions: Interactive workshop

Chair: Peter Pokieser (Austria)

Open space:
- Participants will be encouraged to announce to most urgent topics of Information, communication and learning under the perspective of medical institutions.
- Selected topics are discussed in small groups, the results of group work will be presented, summarized and discussed together.

Session 54

Thursday, September 3
8:00 am – 10:00 am

Room: Lifar

International social space: Global medicine

Chairs: Alexander Sachs (Austria) – Michaela Wagner-Menghin (Austria)

- Introduction
- How does IHE integrate the global Healthcare enterprise? Martin Tiani (Austria)
- Current international health services: who is on call? Pierre Michael Meier (Germany)
- What are the requirements for a global health record? Mansoor Fatehi (Iran)
- Current scientific evidence: overview
Session 55

Thursday, September 3
10:30 am – 12:30 pm
Room: Lifar

International social space: Virtual University
Chairs: Ludwig Kramer (Austria) – Peter Pokieser (Austria)

- Introduction
- Are there any successful attempts to “Virtual University”? Peter Pokieser (Austria)
- Towards international board examinations: fruitful first steps? Ludwig Kramer (Austria)
- Current scientific evidence: overview

Session 56

Thursday, September 3
2:00 – 4:00 pm (interactive collaborative session and closing remarks)
Room: Lifar

International social space: Interactive workshop
Chair: Peter Pokieser (Austria)

Open space:
- Participants will be encouraged to announce to most urgent topics of Information, communication and learning under the perspective of the international community.
- Selected topics are discussed in small groups, the results of group work will be presented, summarized and discussed together.

Paintings – Viktoria Pokieser
A selection of her works is exhibited in the Hall of the Grimaldi Forum.
Oral Presentations

Among all the abstracts submitted to the congress for Poster or oral presentation, twelve will be selected.

The authors will be honored at the Gala evening, at which time they will receive a diploma.

In addition, they will be offered free registration at the time of the OESO 14th World Conference in 2017.
Session 37
Thursday, September 3
10:30 am – 12:30 pm
Room: Van Dongen

Selected Posters
Oral presentations (1)
Chair: Richard W. McCallum (USA)

The content of this session will be determined following the selection of the Jury made during the congress. The presenters will be announced on Wednesday, September 2, at 2:00 pm in the main Hall.

Session 44
Thursday, September 3
2:00 – 4:00 pm
Room: Bosio

Selected Posters
Oral presentations (2)
Chair: Xiao (Luke) Chen (USA)

The content of this session will be determined following the selection of the Jury made during the congress. The presenters will be announced on Wednesday, September 2, at 2:00 pm in the main Hall.
Oral Presentations: Endoscopy (O35-O46)

O35 [322] Computer-aided diagnostic system for the real-time pathology prediction and clinical decision support during narrow band imaging magnification endoscopy in stomach.
Roman Kuvaev1; Sergey Kashin1; Evgeny Nikonov2; Ekaterina Kraianova1; Herbert Edelsbrunner3; Olga Dunaeva4; Daria Mal’kova5
1 Yaroslavl Regional Cancer Hospital, Yaroslavl, Russia; 2 Moscow Healthcare Department, Moscow, Russia; 3 Institute of Science and Technology, Klosterneuburg, Austria; 4 P.G. Demidov Yaroslavl State University, Yaroslavl, Russia

Vivien Wai-Yin Wong
1 The Chinese University of Hong Kong, Hong Kong, Hong Kong

O37 [130] Predictors of partial vs. complete symptomatic response in patients with oesophageal achalasia treated by per oral endoscopic myotomy (POEM).
Zuzana Vackova1; Hana Svecova1; Petr Strand1; Julius Spicak1; Jana Krajcová1; Lucie Fremundova1; Pavla Loudova1; Jan Martinek1
1 IKEM, Department of Hepatogastroenterology, Prague, Czech Rep.; 2 Department of Gastroenterology, Hospital Kolín, Kolín, Czech Rep.

Li Teng-Fei1; Han Xin-Wei1; Lu Hui-Bin1; Ren Ke-Wei1; Wu Gang1; Zhang Quan-Hui1; Li Zong-Ming1
1 The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China

O39 [156] Per oral endoscopic myotomy: a prospective evaluation of 86 consecutive cases.
Hana Svecová1; Jiří Špičák1; Petr Stránd1; Zuzana Vacková1; Eva Kieslichová2; Radek Doleděž1; Radim Janoušek4
1 Department of Hepatogastroenterology, IKEM, Prague, Czech Rep.; 2 Department of Anesthesiology and Intensive Care, IKEM, Prague, Czech Rep.; 3 Department of Surgery, Military University Hospital Prague, Prague, Czech Rep.; 4 Department of Radiology, IKEM, Prague, Czech Rep.

O40 [91] Endoscopic submucosal dissection versus transthoracic esophagectomy for superficial oesophageal squamous cell carcinoma.
Kongjia Luo1,2,3,4; Yi Hu1,2,3,4; Tiehua Rong1,2,3,4; Jianhua Fu1,2,3,4
1 Sun Yat-Sen University Cancer Center, Guangzhou, China; 2 Guangdong Esophageal Cancer Institute, Guangzhou, China; 3 State Key Laboratory of Oncology in South China, Guangzhou, China; 4 Collaborative Innovation Center for Cancer Medicine, Guangzhou, China

Marek Kollar1; Jana Maluskova1; Eva Sticova1; Eva Honsova1; Jiri Fronek1; Martin Oliverius2; Julius Spicak1; Pavel Trunecka4; Jan Martinek1
1 Department of Pathology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 2 Department of Radiology, IKEM, Prague, Czech Rep.; 3 Department of Thoracic Surgery, University Hospital Motol, Prague, Czech Rep.; 4 Department of Interdisciplinary Endoscopy, University Hospital Hamburg-Eppendorf, Hamburg, Germany

Marek Kollar1; Jana Krajcová1; Jana Maluskova1; Eva Honsova1; Alexandr Pazdro2; Tomas Harustak2; Zuzana Vacková2; Julius Spicak2
1 Department of Pathology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 2 Department of Hepatogastroenterology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.

O43 [300] Successful endoscopic scar excision and over-the-scope-clip closure for a chronic brocho-oesophageal fistula.
Juergen Hochberger1; Edris WEDI2
1 Strasbourg Univ. Hospitals, NHC and IHU, Strasbourg, France

O44 [294] Limited oral high-dose steroid treatment and temporary stent implantation are effective for stricture prevention after wide-spread or tubular esd for early esophageal cancer.
Juergen Hochberger1,2; Elena Kruse1; Peter Koehler1; Adrian Sportes1; Edris WEDI1,2
1 Strasbourg Univ. Hospitals, NHC and IHU, Strasbourg, France; 2 St. Bernward Hospital, Academic Teaching Hospital of the Univ. of Goettingen, Hildesheim, Germany; 3 Friedrich-Loeffler-Institute, Mariensee, Germany

O45 [205] Successful mucosal transplanation from stomach to esophagus for stricture prevention after widespread circular endoscopic submucosal dissection (esd) for early esophageal squamous cell carcinoma.
Juergen Hochberger1; Edris WEDI; Peter Koehler1; Andreas Hiffickey1; Heiner Niemann1; Elena Kruse1; Silvia Gluer2
1 Strasbourg Univ. Hospitals, NHC and IHU, Strasbourg, France; 2 University of Hannover, Institute for Artificial Organs LEBAO, Rebirth Cluster of Excellence, Hannover, Germany; 3 St. Bernward Hospital, Academic Teaching Hospital of the Univ. of Goettingen, Hildesheim, Germany; 4 Friedrich-Loeffler-Institute, Mariensee, Germany

O46 [139] Gentamicin submucosal lavage during per oral endoscopic myotomy (POEM): Is it necessary?
Julia Bayer1; Zuzana Vacková1; Hana Svecova1; Jan Martinek1
1 IKEM, Prague, Czech Rep.
Session 43

Thursday, September 3
2:00 – 4:00 pm

Room: Genevoix

Oral Presentations: Motility (O62-O73)

Chair: Ellen Vallitova (Russia)

Robert Tolboom1; Mark Meyer1; Badi Rawashdeh2; Mohammad Moslemi2; Barbara Tempesta2; Keith Maas2; Farid Gharagozloo2
1 Meander Medical Center, Amersfoort, Netherlands; 2 University of Arizona Medical Center, Tucson, AZ, USA

O63 [327] Laparoscopic heller myotomy for achalasia: analysis of successes and failures.
Omar Fathy1; GadEl Hak Nabil1
1 Prof of Digestive Surgery, Mansoura, Egypt; 2 Prof of Digestive Surgery, Mansoura, Egypt

Javed Yakoob1; Shahab Abid1; Saeed Hamid1; Zehra Amirali1; Waaim Jafri1
1 Department of Medicine, Aga Khan University, Karachi, Pakistan

O65 [125] Is gastric motility which is measured by electrogastrography can affect the minimal change esophagitis in children?
Eell Ryoo1; Sungbo Shim2
1 Department of Pediatrics, Gachon University Gil Hospital, Incheon, Korea, South; 2 Graduate School of Medicine, Gachon University, Incheon, Korea, South

O66 The relationship between manometric subtype and outcomes of surgical treatment for patients with achalasia.
Oscar M. Crespin1; Roger P. Tatum1; Keliang Xiao1; Ana V. Martin1; Saurabh Khandelwal1; Carlos A. Pelegriini1; Brant K. Oelschlager1
1 Department of Surgery, University of Washington School of Medicine, Seattle, Washington.

O67 [289] Predicting relapse after surgery for achalasia by timed barium esophagogram.
Daniel Pirchi1; Rosa Ramos1; Graciela Salis1; Matias Mihura1; Anabel Mangoni1
1 Hospital Britanico de Buenos Aires, Buenos Aires, Argentina

O68 [170] Achalasia 4 years after laparoscopic gastric bypass treated with laparoscopic Heller’s myotomy.
Palle Miliam1; Inge Marie Poulsen1; Axel Kjeldsen1; Lisbeth Edvardsen Hvorris1
1 Surgical section of The Gastrointestinal Unit, Hvidovre University Hospital, Copenhagen, Denmark

O69 [179] Patients with Barrett’s esophagus show hypersensitivity to acid but hyposensitivity to other esophageal stimuli.
Christian Lottrup1; Anne Lund Kruup1; Hans Gregersen1; Per Ejstrup1; Asbjorn Mohr Drewes1
1 Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg, Denmark; 2 Department of Medicine, Randers Hospital, Randers, Denmark; 3 GIME and the Key Laboratory for Bioregulatory Science and Technology of Ministry of Education, Bioengineering College of Changning University, Changxing, China; 4 Department of Surgery, Aalborg University Hospital, Aalborg, Denmark

O70 [238] New bolus transit parameter in high-resolution impedance manometry: correlation with radionuclide esophageal transit scintigraphy.
Kee Wook Jung1
1 Department of Gastroenterology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, Seoul, Korea, South

O71 [150] Procedure for the diagnosis of esophageal motor disorders from HRM data processing.
Alessandro Frego1; Emanuele Luigi Carniel1,2; Arturo N. Natali1; Mario Costantini1;3; Stefano Mergili2
1 Center for Mechanics of Biological Materials – University of Padova, Padova, Italy; 2 Department of Industrial Engineering – University of Padova, Padova, Italy; 3 Department of Surgery, Oncology and Gastroenterology – University of Padova, Padova, Italy

O72 [234] Esophageal motility alterations in neurologic disease.
Laura Candeloro1; Danilo Badiali1; Ivan Biviano1; Fortunéee Irene Habit1; Enrico Stefano Corazziari1
1 Medicina Interna e Specialità Mediche. Gastroenterologia A, Policlinico Umberto I, Sapienza, Università di Roma, Rome, Italy

O73 [232] Esophageal motility alterations in amyotrophic lateral sclerosis: a part of a complex involvement of autonomic nervous system?
Laura Candeloro1; Danilo Badiali1; Ivan Biviano1; Fortunéee Irene Habit1; Enrico Stefano Corazziari1
1 Medicina Interna e Specialità Mediche. Gastroenterologia A, Policlinico Umberto I, Sapienza, Università di Roma, Rome, Italy
Oral Presentations: Cancers (1) (O01-O09)

Chair: Sylvia Van der Horst (Netherlands)

O01 [313] Distribution of lymph node metastases in esophageal adenocarcinoma; a prospective cohort study.
Hannah Kunzi1, Anne-Sophie van Rijswijk2, Sybren Meijer2, Mark van Berge Henegouwen3; Suzanne Gisbertz3
1 Department of Gastroenterology and Hepatology, St. Antonius Hospital, Nieuwegein, Netherlands; 2 Department of Gastroenterology and Hepatology, Academic medical Center, Amsterdam, Netherlands; 3 Department of Surgery, Academic Medical Center, Amsterdam, Netherlands

O02 [226] The prognostic significance of the number of negative lymph nodes in patients with esophageal squamous cell cancer after tri-incisional esophagectomy.
Tan Zihui1; Zhang Man1; Fu Jianhua1; Lin Peng1; Rong Tiehua1
1 Sun Yat-sen University Cancer Center, Guangzhou, China

O03 [65] The background mucosa around small esophageal cancers: always intestinal metaplasia?
Robbert Wylleman1; Xavier Sagart1; Raf Bischoops2; Gert De Hertogh1
1 Pathology University Hospital Gasthuisberg, Leuven, Belgium; 2 Gastro-Enterology University Hospital Gasthuisberg, Leuven, Belgium

O04 [86] Metastatic lymph nodes' epithelial-mesenchymal transition phenotypes are distinct from primary tumors' and associated with patient prognosis in esophageal squamous cell carcinomas.
Jing Wen1; Kongjia Luo1; MeiFang Zhang1; Xiuying Xie1; Hong Yang1; Jianhua Fu1; Yi Hu1
1 Sun Yat-sen University Cancer Center, Guangzhou, China

O05 [85] MiRNA expression analysis of pretreatment biopsies predicts the pathological response of esophageal squamous cell carcinomas to neoadjuvant chemoradiotherapy.
Jing Wen1; Kongjia Luo1; Hui Liu1; Shiliang Liu1; Guangrong Lin2; Yi Hu1; Xu Zhang1; Geng Wang3; Zhihuan Chen3; Yi Li1; Ting Lin1; Xiuying Xie1; Mengzhong Liu1; Huyun Wang1; Hong Yang1; Jianhua Fu1
1 Sun Yat-sen University Cancer Center, Guangzhou, China; 2 Guangzhou Haige Communications Group Incorporated Company, Guangzhou, China; 3 Cancer Hospital of Shantou University Medical College, Shantou, China

O06 [202] Long-term follow-up of a community assignment one time endoscopic screening study of esophageal cancer in China.
Wenqiang Wei1; Zhi-Feng Chen1; Yu-Tong He2; Hao Feng1; Jun Hou1; Dong-Mei Lin1; Xin-Qing Li1; Cui-Lan Guo1; Shao-Sen Li1; Guo-Qing Wang1; Zhi-Wei Dong1; Christian A Abnet1; Qiao You-Lin1
1 Department of Cancer Epidemiology, Cancer Institute/Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China; 2 Department of Epidemiology, Cancer Institute/Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

O07 [168] Supplementation with selenium, vitamin E, and beta-carotene has continued benefit on upper digestive cancer mortality 22 years after cessation of the intervention: 27-year follow-up results from Linxian nutrition intervention trial.
Shaoming Wang1; Jinhu Fan1; Youlin Qiao1; P R Taylor2; C C Abnet1
1 National Cancer Center & Cancer Hospital, Chinese Academy of Medical Sciences, Beijing, China; 2 National Cancer Institute, Bethesda, USA

Meng Wang1; Juan Yang1; Hao Feng1; Wen-Qiang Wei1
1 Cancer Hospital, Chinese Academy of Medical Sciences, Beijing, China

Rizwan Sultan1; Zishan Hider2; Tabish Chawla1
1 Aga Khan University Hospital, Karachi, Pakistan
Oral Presentations: Cancers (2) (O10-O18)

Chair: Jan Martinek (Czech Republic)

O10 [295] MET expression in patients and in 3D co-culture models.
Alex Reece-Smith1; John Saunders1; David Onion1; Simon Parsons2; Anna Grabowska3
1 University of Nottingham, Division of Pre-Clinical Oncology, Nottingham, United Kingdom; 2 Nottingham University Hospitals NHS Trust, Department of Oesophago-gastric Surgery, Nottingham, United Kingdom

Alex Reece-Smith1; David Onion1; Simon Parsons2; Anna Grabowska3
1 University of Nottingham, Division of Pre-Clinical Oncology, Nottingham, United Kingdom; 2 Nottingham University Hospitals NHS Trust, Department of Oesophago-gastric Surgery, Nottingham, United Kingdom

Lin Peng1; Rong Tiehua1; Tan Zihui1; Fu Jianhua1
1 Sun Yat-sen University Cancer Center, Guangzhou, China

O13 [267] The role of pet-CT after neoadjuvant therapy for esophageal cancer in predicting complete pathological response.
Ran Croadi1; Idan Carmeli1; Hila Shmilovich1; Hana Bernstine2; Sara Morgenstern2; Yael Feferman1; Nikolai Menasherov1; Michael Stein1; Baruch Brenner1; Hanoch Kashtan1
1 Department of Surgery, Rabin Medical Center, Petah Tikva, Israel; 2 Department of Nuclear Medicine, Rabin Medical Center, Petah Tikva, Israel

Merel Lubbers1; MJ Det van1; R Hoekstra2; J Baarlen van1; E Hendriksen2; EA Kouwenhoven2
1 Ziekenhuisgroep Twente, Almelo, Netherlands; 2 Medisch Spectrum Twente, Enschede, Netherlands

Jun Li1; Hai-Dong Jiang1; Yong-Ming He1
1 Tumor research hospital of Sichuan Yan-Ting, Yan-Ting, China

O16 [136] Summary of the characteristics and surgical outcomes for patients of primary malignant melanoma of the esophagus from a single center.
Jiagen Li1; Shugeng Gao1
1 Cancer Institute and Hospital, Chinese Academy of Medical Sciences, Beijing, China

Sang Ki Lee1
1 Yonsei University College of Medicine, Seoul, Korea, South

Fu Jianhua1; Tan Zihui1; Rong Tiehua1; Zhang Man2
1 Sun Yat-sen University Cancer Center, Guangzhou, China; 2 Sun Yat-sen University, the third affiliated hospital, Guangzhou, China
Oral Presentations: Cancers (3) (O19-O28)
Chair: Farhood Farjah (USA)

Hai-Dong Jiang1, Yong-Ming He1, Jun Li1
1 Tumor research hospital of Sichuan Yan-Ting, Yan-Ting, China

O20 [82] Esophageal luminal stenosis is an independent prognostic factor in esophageal squamous cell carcinoma.
Chunyan Hu1, Yu-Shang Yang1, Long-Qi Chen1
1 West China Hospital, Sichuan University, Chengdu, China

Naoki Hashimoto1
1 Kinki university, Osaka, Japan

Naoki Hashimoto1
1 Kinki university, Osaka, Japan

O23 [96] Identification and validation of lymphovascular invasion as a prognostic and staging factor in node-negative esophageal squamous cell carcinoma.
Jian-Hua Fu1, Qing-Yuan Huang1
1 Sun Yat-Sen University Cancer Center, Guangzhou, China

O24 [285] High preoperative fasting plasma glucose does not influence postoperative outcome in esophageal squamous cell carcinoma.
Xiaofeng Duan1
1 Tianjin Medical University Institute and Hospital, Tianjin, China

Juliana Andrici1, Guy Eslick1
1 University of Sydney, Sydney, Australia

O26 [60] IL-6 predicts worse outcomes in esophageal squamous cell carcinoma: a meta-analysis.
Juliana Andrici1, Guy Eslick1
1 The University of Sydney, Sydney, Australia

Fareed Shaikh1, Pal Inam1, Raima Rizvi1
1 Aga Khan University Hospital, Karachi, Pakistan

Sabrina Ebinger1, Rene Warschkow2, Ignazio Tarantino3, Ulrich Guller4, Bruno Schmied5, Marc Schiesser6
1 Hospital of Thun, Thun, Switzerland; 2 Cantonal Hospital of St. Gallen, St. Gallen, Switzerland; 3 University Hospital of Heidelberg, Heidelberg, Germany
Session 60
Tuesday, September 1
4:30 – 6:30 pm
Room: Scotto

Oral Presentations: Multidisciplinary topics (O29-O34)
Chair: Dmitri Bordin (Russia)

Pediatrics
Meltem Ugras1; Ozkan Ferda2; Yilmaz Guldén3
1 Yeditepe University Medical Center, Pediatric Gastroenterology, Istanbul, Turkey; 2 Yeditepe Univ Medical Faculty Patholgy Department, Istanbul, Turkey; 3 Yeditepe Univ Medical Faculty Microbiology Department, Istanbul, Turkey

O30 [94] The importance of esophageal and gastric diseases as causes of chest pain in children.
Yong Joo Kim1; Nam Su Kim1; Jong Myeon Hong2
1 Hanyang University, Seoul, Korea, South; 2 Chungbuk National University, Cheongju, Korea, South

E.W.M. Coates1
1 University College London, Institute of Child Health, London, United Kingdom

Physiology
O32 [328] The microbiome in oesophageal squamous cell carcinoma.
M. Iqbal Parker1
1 ICGEB, Cape Town, South Africa

O33 [42] Esophageal morphometric and biomechanical changes during aging in rats.
Jingbo Zhao1;2; Hans Gregersen2
1 Giome Academia, Department of Clinical Medicine, Aarhus University, Aarhus, Denmark; 2 The College of Bioengineering, Chongqing University, Chongqing, China

ENT
O34 [90] Intraoperative ultrasonography for the identification of thoracic recurrent laryngeal nerve lymph nodes in patients with esophageal squamous cell carcinoma.
Hong Yang1;2; Jianwei Wang1; Peng Lin1;2; Anhua Li1; Xiaodong Li1;2; Jianhua Fu1;2
1 Sun Yat-sen University Cancer Center, Guangzhou, China; 2 Guangdong Esophageal Cancer Institute, Guangzhou, China
Session 61

Wednesday, September 2
2:00 – 4:00 pm
Room: Scotto

Oral Presentations: GERD (O47-O61)
Chair: Katerina Shetler (USA)

O47 [310] Importance of pH metry and esophageal manometry before bariatric surgery.
Nabil GadEl Hak1; Ahmed Abdelraouf El-Geide1; Hoda M. El-ermehaty1; Ayman M. El-Nakeeb2; Tarek Salah El-Husseiny3; Magdy Haleem4
1Prof. of Digestive Surgery, Mansoura, Egypt; 2Assistance Prof. of Digestive Surgery, Mansoura, Egypt; 3Medical Analysis Specialist, Mansoura, Egypt; 4Medical Analysis Specialist, Mansoura, Egypt

O48 Postoperative incidence of gastroesophageal reflux in 288 lung transplant patients evaluated with 24 h pH-impedance monitoring.
Oscar M. Crespin1; Jonathan Yeung1; Maria C. Jimenez1; Sangwoo Leem2; Linda Miller1; Gerald Lebovic2; Allan Okrainec1; Gail E. Darling1; Shaf Keshavjee1; Louis WC Liu1
1Research and Clinical Fellow in Minimally Invasive Surgery, University Health Network-University of Toronto, Toronto, Ontario, Canada; 2University of Toronto, Toronto, Ontario, Canada

O49 [211] Comparison of mucosal damage in the esophageal remnant after esophagectomy and gastric interposition between Chinese and Canadian population.
Yong Yuan1; Andre Duranceau2; Long-QI Chen1
1West China Hospital of Sichuan University, Chengdu, China; 2Medical centre of University of Montreal, Montreal, Canada

O50 [53] African Americans have 1/10 to 1/4th the risk of long segment and short segment Barrett’s oesophagus compared to non-Hispanic whites.
Kenneth Vega1; Ahmad Akkaddour1; Carlos Palacio2
1Digestive Diseases, Univ. of Oklahoma HSC, Oklahoma City, USA; 2Medicine, University of Florida - Jacksonville, Jacksonville, USA

Eugene Jamot Ndebia1; Alastair Sammon1; Ekambaram Umapathy1; Jehu Iputo1
1Walter Sisulu University, Mthatha, South Africa

O52 [46] Rabeprazole is effective for bile reflux esophagitis after total gastrectomy in a rat model.
Naoki Hashimoto1
1Kinki university, Osaka, Japan

O53 [120] Various anti-oxidative agents combined with PPI augmented qualified healing of reflux esophagitis or prevented Barrett esophagus.
Ki Baik Hahn1; Joo Young Cho1; Won Jin Ko1; Yong Joon Shin2; Sei Jin Youn3
1CHA University, Seongnam, Korea, South; 2Inha University, Incheon, Korea, South; 3Choongbuk national university, Cheongju, Korea, South

O54 [122] Antioxidant from garlic, S-allyl cysteine (SAC), as potential remedy of GERD.
Ki Baik Hahn1; Joo Young Cho1; Don Haeng Lee1; Yong Woon Shin1; Sei Jin Youn2
1CHA University, Seongnam, Korea, South; 2Inha University, Incheon, Korea, South

O55 [121] Isoproporanol extracts of Artemisia ameliorate reflux esophagitis, H. pylori- or alcohol-associated gastritis through enhanced anti-oxidative and anti-inflammatory activities as well as cytoprotective actions.
Ki Baik Hahn1; Joo Young Cho1; Won Jin Ko1; Yong Woon Shin1; Sei Jin Youn2
1CHA University, Seongnam, Korea, South; 2Inha University, Incheon, Korea, South; 3Choongbuk national university, Cheongju, Korea, South

O56 [119] Cancer preventive probiotics kimchi; prevention of Helicobacter pylori-associated gastric cancer as well as esophagitis.
Ki Baik Hahn1; Joo Young Cho1; Yong Woon Shin1; Sei Jin Youn2
1CHA University, Seongnam, Korea, South; 2Inha University, Incheon, Korea, South; 3Choongbuk national university, Cheongju, Korea, South

O57 [81] HSP70 and phase 2 enzyme response through antioxidants is prerequisite to prevent reflux esophagitis.
Ki Baik Hahn1; Joo Young Cho1; Yong Woon Shin1; Sei Jin Youn2
1CHA University, Seongnam, Korea, South; 2Inha University, Incheon, Korea, South; 3Choongbuk national university, Cheongju, Korea, South

Augusto Fey1; Lorette Kotze2
1PUC-Pr, Curitiba, Brazil; 2PUC-Pr, Curitiba, Brazil

Augusto Fey1; Lorette Kotze2
1PUC-Pr, Curitiba, Brazil; 2PUC-Pr, Curitiba, Brazil

O60 [58] A global perspective of the prevalence of Barrett’s esophagus in the population: a meta-analysis and comprehensive systematic review.
Guy Estick1; Laura Hollday1; Juliana Andrici1
1University of Sydney, Sydney, Australia

Dmitry Bordin1; Oxana Yanova1; Olga Berezhina1; Elena Treyman1; Victoria Kim1
1Moscow Clinical Scientific Center, Moscow, Russia
Session 62
Thursday, September 3
8:00 – 10:00 am
Room: Scotto

Oral Presentations: Surgery (1) (O74-O80)
Chair: Alejandro Nieponice (Argentina)

Mingran Xie
1 Anhui provincial hospital, Hefei, China

O75 [231] Preserving the pulmonary vagus nerve branches during thoracoscopic esophagectomy.
Teus Weijs1,2; Jelle Ruurda1; Misha Luyer2; Grard Nieuwenhuijzen2; Ronald Bleys1; Richard van Hillegersberg1
1 University Medical Center Utrecht, Utrecht, Netherlands; 2 Catharina Hospital, Eindhoven, Netherlands

O76 [195] Routine jejunostomy tube feeding following esophagectomy.
Teus Weijs1,2; Hanneke van Eden1; Jelle Ruurda1; Misha Luyer2; Elles Steenhagen1; Grard Nieuwenhuijzen2; Richard van Hillegersberg1
1 University Medical Center Utrecht, Utrecht, Netherlands; 2 Catharina Hospital, Eindhoven, Netherlands

O77 [274] Prognosis and treatment after diagnosis of recurrent esophageal carcinoma following esophagectomy with curative intent.
Els Visser1
1 University Medical Center Utrecht, Utrecht, Netherlands

O78 [57] Risk factors and consequences of anastomotic leakage after Ivor Lewis esophagectomy.
Elke Van Daele1; Piet Pattyn1
1 Department of Gastrointestinal Surgery Ghent University Hospital, Ghent, Belgium

O79 [95] The impact of early oral feeding on short term quality of life after thoracolaparoscopic esophagectomy for cancer: interim data from a randomized controlled trial.
Haibo Sun1; Yin Li1; Xian-Ben Liu1; Zong-Fei Wang1; Rui-Xiang Zhang1; Yan Zheng1; Jian-Jun Qin1; Xian-Kai Chen1; Zhao Wu1; Qi Liu1
1 Henan Cancer Hospital (The Affiliated Cancer Hospital of Zhengzhou University), Zhengzhou, China

O80 [87] The advantage of robotic-assisted minimally invasive esophagectomy (RAMIE) for esophageal cancer.
Dukhwan Moon1; Yong-Hee Kim2
1 Yeungnam University Medical Center, Daegu, Korea, South; 2 Asan Medical Center, Seoul, Korea, South
Session 63

Thursday, September 3
10:30 am – 12:30 pm

Room: Scotto

Oral Presentations: Surgery (2) (O81-O90)

Chair: Naoki Hashimoto (Japan)

O81 [240] Minimally invasive esophagectomy—how I do it.
Nikolai Menasherov1; Michael Stein1; Hanoch Kashtan1
1 Department of Surgery, Robin Medical Center, Petah Tikva, Israel

Zhangfan Mao1; Jie Huang1; Songping Xie1; Ganjun Kang1; Ping Dong1
1 Renmin Hospital, Wuhan University, Wuhan, China

O83 [12] Esophageal reconstruction with remnant stomach and only blood supply from anastomotic stoma.
Zhangfan Mao1; Jie Huang1; Ganjun Kang1; Songping Xie1
1 Renmin Hospital, Wuhan Uni, Wuhan, China

O84 [114] Analysis of anastomotic leakages in 1815 surgically treated patients with esophagogastric junction cancer.
You-Sheng Mao1; Jie He1; Shu-Geng Gao1; Ning-Ning Ding1; Yi-Kun Yang1; Ke-Lin Sun1; Gui-Yu Cheng1; Ju-Wei Mu1; Qi Xue1; Da-Li Wang1; Jun Zhao1
1 Department of Thoracic Surgical Oncology Cancer Hospital (Institute) Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

Qianwen Liu1,4,5; Xudong Wang2,4,5; Yong Li3,4,5; Hui Yu1,4,5; Junye Wang1,4,5; Xu Zhang1,4,5; Congcong Huang1,4,5; Hongwang Chen1,4,5; Kuiyuan Liu1,4,5; Xin Wang1,4,5; Tiehua Rong1,4,5
1 Department of Thoracic Surgery, Sun Yat-sen University Cancer Center, Guangzhou, China; 2 Department of Anesthesiology, Sun Yat-sen University Cancer Center, Guangzhou, China; 3 Department of Pathology, Sun Yat-sen University Cancer Center, Guangzhou, China; 4 State Key Laboratory of Oncology in South China, Guangzhou, China; 5 Collaborative Innovation Center of Cancer Medicine, Guangzhou, China

O86 [50] A pared study of tubular or total stomach as an esophageal substitute after esophagectomy for cancer.
Jun Feng Liu1; Lu Gao1
1 Department of Thoracic Surgery, Fourth Hospital, Hebei Medical University, China, Shijiazhuang, China

O87 [64] A new cervical esophagogastric anastomosis significantly reduces morbidity and improves short term outcome after esophagectomy for cancer.
Yin Li1; Hai-Bo Sun1; Xian-Ben Liu1; Rui-Xiang Zhang1; Zong-Fei Wang1; Yan Zheng1; Jian-Jun Qin1; Xian-Kai Chen1; Zhao Wu1; Qi Liu1
1 Henan Cancer Hospital (The Affiliated Cancer Hospital of Zhengzhou University), Zhengzhou, China

O88 [67] Thoracolaparoscopic esophagectomy with colon interposition.
Mikhail Koskin1; Roman Izrailov1; Sergey Domrachev1; Boris Pomortsev1
1 Moscow Clinical Scientific Centre, Moscow, Russia

O89 [298] Is routine three-field lymph node dissection necessary for the treatment of middle thoracic esophageal carcinoma with clinical negative cervical node.
Jae Hyun Jeon1; Hee Chul Yang1; Moon Soo Kim1; Jong Mog Lee1
1 National Cancer Center, Goyang, Korea, South

O90 [113] Comparison of survival between minimally invasive and open esophagectomy: a propensity-matched analysis.
Geng-Yuan Huang1; Jian-Hua Fu1; Kong-Jia Luo1; Hong Yang1
1 Sun Yat-Sen University Cancer Center, Guangzhou, China
Oral Presentations: Surgery (3) (O91-O101)

Chair: Qianwen Liu (China)

O91 [199] Quality of Life after esosponge-therapy in anastomotic leakages after esophagectomy.
Nils Heits1; Benedikt Reichert1; Alexander Bernsmeyer1; Charlotte Hauser1; Clemens Schafmayer1; Mark Ellrichmann2; Bodo Schniewind2; Thomas Becker1; Jan-Hendrik Egberts1
1 Department of General, Visceral-, Thoracic-, Transplantation- and Pediatric Surgery, UKSH Campus Kiel, Kiel, Germany; 2 Department of General Surgery and Thoracic Surgery, Hospital of Lueneburg, Lueneburg, Germany

Leonie Haverkamp1; Maarten Seesing1; Jelle Ruurda1; Judith Boone2; Richard van Hillegersberg1
1 UMC Utrecht, Utrecht, Netherlands; 2 AMC, Amsterdam, Netherlands

O93 [222] Aortic calcifications increase the risk for anastomotic leakage after Ivor-Lewis esophagectomy.
Lucas Goense1; P.S.N. van Rossum1; T.J. Weijts1; M.J. van Dijk1; G.A. Nieuwenhuijzen2; M.D. Luyer2; R. van Hillegersberg1
1 Department of Surgery, University Medical Center Utrecht, Utrecht, Netherlands; 2 Department of Radiotherapy, University Medical Center Utrecht, Utrecht, Netherlands

O94 [134] Intraoperative and postoperative risk factors for anastomotic leakage and pneumonia after esophagectomy.
Lucas Goense1,2; P.S.N. van Rossum1,2; M Tromp1; J.C.A. Joore3; D. van Dijk3; C.C. Kroese4; J.P. Ruurda1; R. van Hillegersberg1
1 Department of Surgery, University Medical Center Utrecht, Utrecht, Netherlands; 2 Department of Radiotherapy, University Medical Center Utrecht, Utrecht, Netherlands; 3 Department of Intensive Care Medicine, University Medical Center Utrecht, Utrecht, Netherlands; 4 Department of Anesthesiology, University Medical Center Utrecht, Utrecht, Netherlands

O95 [241] Early operative results of esophagectomy for cancer in octogenarians.
Yael Feferman1; Ran Orgad1; Nikolai Menasherov1; Michael Stein1; Hanoch Kashtan1
1 Department of Surgery, Rabin Medical Center, Petah Tikva, Israel

O96 [161] Technical aspects and results of full robotic minimal invasive abdomino-thoracic esophagectomy.
Jan-Hendrik Egberts1; Nils Heits1; Seifert Dana1; Hauser Charlotte1; Aselmann Heiko1; Thomas Becker1
1 University Hospital Schleswig Holstein, Campus Kiel, Kiel, Germany

O97 [72] Intra-thoracic anastomotic leakage following gastro-esophageal cancer resection is associated with increased risk of recurrence.
Pieter de Heer1
1 Rigshospitalet, Copenhagen, Denmark

Long-Qi Chen1; Jun Pen1; Chunyan Hu1
1 West China Hospital, Sichuan University, Chengdu, Sichuan, China

O99 [100] Clinical features and risk factors of anastomotic leakage after radical esophagectomy.
Chuangui Chen1; Zhentao Yu1
1 Tianjin Medical University Cancer Institute and Hospital, Tianjin, China

Hykie Brenkman1; Kevin Parry1; Richard van Hillegersberg3; Jelle Ruurda1
1 University Medical Center Utrecht, Utrecht, Netherlands

Ali Ahmed1; Neil Parikh1; Thiru Muniraj1; Hillary Drumm1; Thiru Muniraj1; Priya Jamidar1; James Farrell1; Harry Aslanian1
1 Yale School of Medicine, Section of Digestive Diseases, New Haven, USA
By the variety of topics addressed, Posters represent an extremely important addition to the single theme of the Conference. The Jury for Abstracts has carefully evaluated and scored each one, then grouped them together according to subject. This will allow the attendees to easily walk through the exhibit and appreciate the Posters by theme.

Please note that, an addition to the traditional exhibit, a computer “streaming presentation” of the Posters will be organized during the Congress: this consists of a computer display of up to 5 power point slides prepared by the author(s) to complete a poster with pertinent details or instructive commentaries. Throughout the Congress, the Jury for Abstracts, as well as the attendees, will thus have access, at any time, to the stream presentation of any posters on the program.

Twenty four Posters will be selected by the Jury, to be given in an oral presentation during two Plenary Sessions scheduled for Thursday, September 3, 10:30 am – 12:30 pm and 2:00 – 4:00 pm.

Among all the abstracts submitted (Poster or oral presentation), twelve will be selected.

The authors will be honored at the Gala evening at which time they will receive a diploma. In addition, they will be offered free registration at the time of the OESO 14th World Conference in 2017.
**Posters**

**Physiology (P01-P08)**

**P01 [281]** Leg raise increases pressure in lower and upper esophageal sphincters.

Bitnar Petr1; Stojevic Jan1; Art Josef2; Kobesová Alena1; Hiava Stephan1; Malá Sarka1

1 Clinic of Internal Medicine, University Hospital Motol, Prague, Czech Rep.; 2 Department of Rehabilitation and Sports Medicine, University Hospital Motol, Prague, Czech Rep.; 3 Department of Statistics and Probability, Faculty of Informatics and Statistics, University of Economics, Prague, Czech Rep.

**P02 [84]** Three-dimensional myoarchitecture of porcine esophago-gastric junction with diffusion tensor imaging.

Hans Gregersen1; Donghua Liang1; Jingbo Zhao1; Steffen Ranggaard1; Peter Agger2; Christoffer Laustsen3; Hans Stokilde-Jørgensen1

1 Tandigm Center of Bioengineering, Changping University, Changping, China; 2 Giome Academia, Department of Clinical Medicine, Aarhus University, Aarhus, Denmark; 3 MR Center, Department of Clinical Medicine, Aarhus University, Aarhus, Denmark; 4 The Department of Thoracic and Cardiovascular Surgery T, Department of Clinical Medicine, Aarhus University, Aarhus, Denmark

**P03 [25]** Effect of DA-9701, a novel prokinetic agent, on postoperative ileus in rats.

Sang Pyo Lee1; Oh Young Lee2; Kang Nyeong Lee2; Hang Lak Lee2; Ho Soon Choi2; Byung Chul Yoon2; Dae Won Jun2

1 Konkuk University Medical Center, Seoul, Korea,South; 2 Hanyang University College of Medicine, Seoul, Korea, South

**P04 [115]** Endoscopic finding of partial exfoliation of esophageal epithelium may be a natural step in the regeneration of esophageal epithelium.

Tomohiro Kato1; Kentaro Kojima1; Satoshi Watanabe1; Naoki Watanabe2; Yusuke Suzuki1; Tomio Ogiso1; Naofumi Kawade1; Tsuyoshi Muka1; Hideki Hayashi1; Akihiro Sugiyama1; Yoichi Nishigaki1; Eiichi Tomita1

1 Gifu Municipal Hospital, Gifu, Japan

**P05 [102]** Laparoscopic fundoplication: new aspects in neural anatomy of the esophagogastric junction.

Philipp Gehwolf1; Oliver Renz1; Brenner Erich1; Fritsch Helga1; Struller Florian2; T. Muehlabacher1; J. Stempe1; Gabriel Djedovic2; Heinz Wyycke1

1 Department of Visceral, Transplant and Thoracic Surgery, Medical University Innsbruck, Innsbruck, Austria; 2 Division of Clinical-Functional Anatomy, Department of Anatomy, Histology and Embryology, Medical University Innsbruck, Innsbruck, Austria

**P06 [83]** Separation of distension-evoked circular and longitudinal muscle contraction components in the esophago-gastric junction.

Donghua Liang1; Christian Lottrup1; Barry McMahon1; Asbjorn Drewes1; Hans Gregersen1;2

1 Giome Academia, Department of Medicine, Aarhus University, Aarhus, Denmark; 2 Department of Gastroenterology and Hepatology, Aalborg Hospital, Aalborg, Denmark; 3 TAGG Research Center, Tallaght Hospital and Trinity College, Dublin, Ireland; 4 Giome Center, College of Bioengineering, Changping University, Changping, China; 5 Giome FZE, Ras Al Khaimah, United Arab Emirates

**P07 [201]** Opening and distensibility of the esophago-gastric junction in patients with systemic sclerosis: a study with the functional lumen imaging probe.

Donghua Liang1; Lotte Fynne2; Christian Lottrup1; Hans Gregersen1; Karin Aksjaele2; Niels Bjerregaard1; Asbjørn Drewes1; Klaus Krogh1

1 Giome Academia, Department of Medicine, Aarhus University, Aarhus, Denmark; 2 Neurogastroenterology Unit, Department of Hepatology and Gastroenterology, Aarhus University Hospital, Aarhus, Denmark; 3 Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg, Denmark; 4 Giome, College of Bioengineering, Changping University, Changping, China; 5 Temple University School of Medicine, Philadelphia, USA; 6 North Shore LIJ Health System, New Hyde Park, USA

**GERD – EoE (P09-P26)**

**P09 [34]** Selected elements of lifestyle and the risk of developing gastroesophageal reflux disease in Poland.

Miroslaw Jarosz1; Anna Taraszewska2; Julita Percznyczyka3

1 National Food and Nutrition Institute, Warsaw, Poland; 2 National Food and Nutrition Institute, Warsaw, Poland; 3 National Food and Nutrition Institute, Warsaw, Poland

**P10 [151]** Risk factors for esophagitis – Are Bisphosphonate and Statin associated?

Dasuku Asoko1; Nagahara Akito1; Shimada Yui1; Matsumoto Kenshi1; Ueyama Hiroya1; Matsumoto Kouhei1; Takeda Tsutomu1; Osada Taro1; Hojo Mariko1; Watanabe Sumio1

1 Department of Gastroenterology, University of Juntendo, School of Medicine, Tokyo, Japan

**P11 [185]** The association between sarcopenia and erosive esophagitis.

Myung Ki Baeg1; Myung-Gyu Choi1; Sun-Hye Ko1; Chul-Hyun Lim1; Kim Jin Su1; Yu Kyung Cho1; Jae Myung Park1; Young-Seok Cho1; Bo-in Lee1; In-Seok Lee1

1 The Catholic University of Korea, College of Medicine, Seoul, Korea,South


Lee Ban Seok1; Lee Sang Hyub1; Jang Dong Kee1; Chung Kwang Hyun1; Cha Byung Hye2; Ryu Ji Kon1; Kim Yong-Tae1

1 Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul National University Hospital, Seoul, Korea,South; 2 Digestive Disease Center and Department of Internal Medicine, Cheju Halla General Hospital, Jeju, Korea,South

**P13 [316]** Clinical and pH study characteristics in GERD patients with and without ineffective esophageal motility (IEM).

Tandon Aparupa1; Shetier Katerina1; Triadafilopoulos George1

1 Silicon Valley Gastroenterology, Mountain View, USA; 2 Palo Alto Medical Foundation, Mountain View, USA; 3 Stanford University, Stanford, USA

**P14 [214]** Clinical and high resolution manometry data support the hypothesis that proton pump inhibitor-responsive esophageal eosinophilia represent a gerd-related phenomenon.

Edoardo Savarino1; Ortavia Bartolò1

1 Department of Gastroenterology, Padua, Italy

**P15 [280]** Is the impedance baseline helpful in the evaluation of globus patients?

Se Hwan Park1; Myong Ki Baeg1; Myung-Gyu Choi1; Yu Kyung Cho1; Yoon Joo Chun1

1 The Catholic University of Korea, College of Medicine, Seoul, Korea,South

**P16 [144]** Therapeutic success in patients with chronic unexplained cough could be predicted using GERD parameters. on impedance-pH monitoring.

Georgios Karamanolis1; Dimitrios Kamberoglou1; Konstantinos Denaxas1; Ladas Spiros1

1 Academic Gastroenterology Department, Athens, Greece
P17 [35] Is there any correlation between gastroesophageal reflux disease and atrial fibrillation?
Hwang Jae Jin1; Lee Dong Ho2; Yoon Hyuk3; Shin Cheol Min4; Park Young Soo1; Kim Nayoung1
1Seoul National University Bundang Hospital, Seongnam, Korea, South

P18 [117] The relationship between helicobacter pylori infection and de novo gastroesophageal reflux disease (GERD): Is GERD correlated with eradication result?
Byungkyu Ahn1; Dong Ho Lee2; Jae Jin Hwang1; Hyuk Yoon1; Young Soo Park1; Nayoung Kim1,2
1Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea, South; 2Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea, South

Chang Min Lee1; Dong Ho Lee2; Jae Jin Hwang1; Yoon Hyuk1; Kim Nayoung1
1Seoul National University Bundang Hospital, Bundang-gu, Seongnam, Gyeonggi-do, Korea, South

P20 [131] Long term proton pump inhibitor treatment does not affect incidence of irritable bowel syndrome.
Byungkyu Ahn1; Ho Soon Choi1; Kang Won Lee1; Young Taek Kim1; Oh Young Lee1
1Hanyang University School of Medicine, Seoul, Korea, South

Byungkyu Ahn1; Dong Ho Lee1,2; Jae Jin Hwang1; Hyuk Yoon1; Cheol Min Shin1; Young Soo Park1; Nayoung Kim1,2
1Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea, South; 2Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea, South

P22 [142] The impact of depression and somatization on PPI response in patient with gastroesophageal reflux disease.
Kim Yong Sung1; Sung Hye Young1; Jahng Jaehoon1; Oh Jung Taek1
1Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea, South; 2Gunsan Medical Center, Gunsan, Korea,South; 3Wankwang Digestive Disease Research Institute, Iksan, Korea, South

Yang Won Min1; Byung Ohul Yoon2; Jae J Kim1; Poong-Lyul Rhee1
1Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, South; 2Departments of Internal Medicine, Hanyang University College of Medicine, Seoul, Korea, South

P24 [138] The application of fast track surgery to the perioperative period of esophageal hiatal hernia.
Cui Youbin1; Zhang Zhenhua1; Li Yang1; Xin Yanzhong1
1The First Hospital of Jilin University, Changchun, China

P25 [149] Different approaches for redo antireflux surgery: robot-assisted minimal invasive abdominal route versus the open thoracic approach.
Robert Tolboom1; Mark Meyer1; Werner Draaisma1; Farid Gharagozloo2; Ivo Broeders1
1Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg, Denmark; 2Department of Medicine, Randers Hospital, Randers, Denmark; 3GIOME and the Key Laboratory for Biorheological Science and Technology of Ministry of Education, Bioengineering College of Chongqing University, Chongqing, China; 4Department of Surgery, Aalborg University Hospital, Aalborg, Denmark

Augusto Fey1; Lorette Kotze1
1PUC-Pr, Curitiba, Brazil

Barrett’s esophagus (P27-P33)
Miroslaw Jarosz1; Sylvia Gugata-Mirosz1
1Clinic of Metabolic Diseases and Gastroenterology of the National Food and Nutrition Institute, Warsaw, Poland

P28 [271] Esophageal acid clearance is shorter in patients with Barrett’s esophagus during random swallowing.
Christian Lottrup1; Anne Lund Krarup1,2; Hans Gregersen3; Per Pistrup1; Asbjørn Mohr Drewes1
1Clinic of Metabolic Diseases and Gastroenterology of the National Food and Nutrition Institute, Warsaw, Poland; 2Department of Medicine, Randers Hospital, Randers, Denmark; 3Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea, South

P29 [187] Can proton pump inhibitors diminish length of Barrett’s esophagus?
Zaim Gashi1; Ljube Ivkovski1; Ragip Shabani1; Arjeta Gashi1; Arjgija Juniku-Shkololli1; Sadik Zekaj1
1University Clinical Center of Kosovo, Prishtina, Albania

P30 [325] From Barrett’s esophagus to esophageal adenocarcinoma. Identification of prognostic factors in a South Eastern European population.
Dimitris Dimitroulopoulos1; Dimitrios Kypros2; Hatzinikolaou Matina3; Stavrini Stavros4; Malahas Apostolos5; Saribegioglou Nikos1; Theodoropoulos Loukas1; Tsamakidis Klisthenis1; Xinopoulos Dimitrios1
1AIGOS Savvas Cancer Center, Athens, Greece; 2Meonder Medical Center, Amersfoort, Netherlands; 3University of Arizona Medical Center, Tucson, AZ, USA

P31 [321] Hybrid argon plasma coagulation (Hybrid APC) for endoscopic ablation of Barrett’s esophagus: the first experience in tertiary referral centre.
Sergey Kashin1; Roman Kuvavev1; Alexandre Nadezhin1; Ekaterina Krainova1; Natalya Nechkaykova1; Vitaly Goncharov1
1Yaroslavl Regional Cancer Center, Yaroslavl, Russia

Michal Vojska1; Ondrej Majek1; Ondrej Ngo2; Jana Kracjiova1; Jan Gregor1; Premysl Falt1; Jan Martinek1; Vaclav Prochazka1; Julius Spicka1; Miroslav Zavoral1; Stipan Suchanek1
1Department of Internal Medicine, Charles University, Military University Hospital, Prague, Czech Rep.; 2Institute of Biostatistics and Analyses, Masaryk University, Brno, Czech Rep.; 3Department of Hepatogastroenterology, Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 4Department of Internal Medicine II – Gastroenterology and Hepatology, University Hospital, Olomouc, Czech Rep.; 5Department of Gastroenterology, Vítkovice Hospital, Ostrava, Czech Rep.

P33 [97] The treatment strategy of superficial Barrett’s esophageal cancer(SBEC).
Yuchiro Kume1; Kawaada Kenro1; Nakajima Yutaka1; Kawano Tatsuyuki1
1The Department of Esophageal and General Surgery, Tokyo Medical and Dental University, Tokyo, Japan
Motility (P34-37)

P34 [126] Clinical features and long-term treatment results of nutcracker esophagus – single center experience.
Sang Ryong Jee1; Jin Won Hwang1; Ji Hyun Kim1; Sang Heon Lee1; Sang Yong Seol1
1Inje University Busan Paik Hospital, Busan, Korea, South

Jane Elizabeth Christie Botha1; Sabelo Hlatshwayo1; Sandie Thomson1; Philippus Bornman1; Christo van Rensburg2
1University of Cape Town, Cape Town, South Africa; 2University of Stellenbosch, Stellenbosch, South Africa

P36 [243] The findings of endoscopic ultrasonography in patients who underwent peroral endoscopic myotomy.
Su Jin Hong1; Jae Pil Han1; Jong Ho Moon1
1Digestive Disease Center and Research Institute, Department of Internal Medicine, Soonchunhyang University College of Medicine, Bucheon, Korea, South

Valter Nilton Felix1; Ioshiaki Yogi1; Carlos Eduardo Nascimento Martins1; Eduardo Messias Hirano Padrão1; André Giardino Moreira da Silva1; Kaui Victor Martinez Faria1
1Nucleus of General and Specialized Surgery, São Paulo, Brazil

P38 [116] Patients with chronic rhinosinusitis and simultaneous bronchial asthma suffer from significant extraesophageal reflux.
Karol Zelenik1;2; Petr Matousek1;2; Martin Formanek1;2; Pavel Kominek1;2
1Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital Ostrava, Ostrava, Czech Rep.; 2Faculty of Medicine, University of Ostrava, Ostrava, Czech Rep.

Valter Nilton Felix1; Ioshiaki Yogi1; Carlos Eduardo Nascimento Martins1; Eduardo Messias Hirano Padrão1; André Giardino Moreira da Silva1; Kaui Victor Martinez Faria1
1Nucleus of General and Specialized Surgery, São Paulo, Brazil

Lian Qun Zhang1; Xin Song1; Xue Ke Zhao1; Tang Juan Zhang1; Pei Nan Chen1; Hai Ling Wang1; Li Sun1; Wei Li Han1; Ling Fen Ji1; Zong Min Fan1; Min Jie Wu1; Li Dong Wang1
1Henan Key Laboratory for Esophageal Cancer Research, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China

P41 [31] Dietary components and risk of total, cancer and cardiovascular disease mortality in the Linxian nutrition intervention trials cohort in China.
Jinhua Fan1; Jianbing Wang1;2; Sanford M Dawsey2; Rashmi Sinha2; Neal D Freedman2; Philip R Taylor3; Youlin Qiao1
1Department of Epidemiology and Health Statistics, School of Public Health, Zhejiang University, Hangzhou, China; 2Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Rockville, USA; 3Department of Epidemiology and Health Statistics, School of Public Health, Zhejiang University, Hangzhou, China; 4Genetic Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Rockville, USA

Song Guohui1; Li Dong-fang1; Wei Wen-qiang1; Qiao You-lin2
1Cancer Institute for Cancer Prevention and Control, Cixian, China; 2Cancer Institute/Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

Xiaofeng Duan1
1Tianjin Medical University Cancer Institute and Hospital, Tianjin, China

Evgeny Dudko1; Iva Vorobyeva1; Elena Shestakova1; Tatjana Boguich1; Boris Polototski1; Mikhail Davydov1
1N.N. Blokhin Russian Oncological Science Center, Moscow, Russia

Fen Liu1;2; Wenqiang Wei1; Xinqing Li1; Youlin Qiao1; Yan He1;2; Yanchun Zhai1;2; Dian He1;2
1Department of Epidemiology and Health Statistics, School of Public Health, Capital Medical University, Beijing, China; 2Department of Epidemiology and Health, School of Public Health, Capital Medical University, Beijing, China; 3North Carolina Central University, Durham, USA; 4Eucalos Bioinformatics Solutions, Durham, USA; 5Duke University Medical Center, Durham, USA; 6University of North Carolina at Chapel Hill, Chapel Hill, USA

P46 [158] Personalized targeted therapy for esophageal squamous cell carcinoma.
Xiaozheng Kang1; Keneng Chen1; Yicheng Li1; Jianying Li1; Thomas D’Amico2; Xiaoxin Chen1;2
1Beijing Cancer Hospital, Beijing, China; 2North Carolina Central University, Durham, USA; 3North Carolina Central University, Durham, USA; 4Eucalos Bioinformatics Solutions, Durham, USA; 5Duke University Medical Center, Durham, USA; 6University of North Carolina at Chapel Hill, Chapel Hill, USA

P47 [162] Multicolor fluorescence in situ hybridization (M-FISH) combined with cyto-morphology for detection of chromosome alterations in exfoliated cells from esophageal squamous cell carcinoma.
Qin-Jing Pan1; Xin Zhang1; Wen Chen1; Huijuan Zhao1
1Department of pathology, Cancer Institute and Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China; 2Department of Epidemiology, Cancer Institute and Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

P48 [137] Study on the expression and correlation of TMEM16A,PERK1/2,STAT3 in esophageal squamous cell carcinoma and their significances.
Oui Youbin1; WANG Wei1; Li Yang1; Lu Tianyu1
1The first hospital of Jilin University, Changchun, China

Xiaofeng Duan1
1Tianjin Medical University Cancer Institute and Hospital, Tianjin, China
Adenocarcinomas — Stomach (P55-P59)

P55 [190] Can awareness campaigns decrease oesophageal adenocarcinoma (OAC)?
Christiane Caygill1; Anthony Watson1; Alan Moss2
1 UKBOR, UCL Division of Surgery and Interventional Science, Royal Free Hospital, London, United Kingdom; 2 AAH, Orpington, United Kingdom

Xin Song1; Fu You Zhou1,2; Xue Ke Zhao1; Tang Juan Zhang1; Bei Li1; Wei Li Han1; Xue Na Han1; Ling Fen Ji1; Shuang Lv1; Xue Min Li1,3; Zong Min Fan1; Min Jie Wu1; Shou Jia Hu1; Ji Lin Li1,4; Dan Feng Du1; Xiang Yang Zhang1; Ran Wang1; Sa Tang1; Guo Yuan1; Yan Yan Yin1; Teng Ma1; Li Dong Wang1
1 Henan Key Laboratory for Esophageal Cancer Research, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China; 2 Department of Thoracic Surgery and Tumor Prevention Treatment, Anyang Tumor Hospital, Anyang, China; 3 Department of Pathology and Thoracic Surgery, Centre for Health Screening and Endoscopy, Cixian Hospital, Cixian, China; 4 Department of Pathology and Thoracic Surgery, Linzhou Esophageal Cancer Hospital, Linzhou, China

P57 [269] Detection of micrometastasis in the early stage of gastric adenocarcinoma.
Yun Ju1; Jeong Hoon Ha1; Sang Woo Jo1; Eun Kyung Kim1
1 Eulji University School of Medicine, Seoul, Korea, South

Su Jin Hong1; Jae Pil Han1; Hee Kyoung Kim2; Gui Ae Jeong2; Gyu Seok Cho2; Jong Ho Moon1
1 Digestive Disease Center and Research Institute, Department of Internal Medicine, Soonchunhyang University College of Medicine, Bucheon, Korea, South; 2 Department of Pathology, Soonchunhyang University College of Medicine, Bucheon, Korea, South; 3 Department of Surgery, Soonchunhyang University College of Medicine, Bucheon, Korea, South

Yun Hee Kim1; Yun Duk Jung1; Sooa Choi1; Hea Jung Sung1; Eun Jung Jeon1; Woo Chul Chung1
1 The Catholic Univ. of Korea St. Vincent's Hospital, Suwon, Korea, South; 2 The Catholic Univ. of Korea St. Paul's Hospital, Seoul, Korea, South

Endoscopy (P60-P64)

Rui Zhao1; Yu Bao1; Lin Xiao Zhou1; Jie Huang1
1 Sichuan cancer hospital, chengdu, China

P61 [59] Efficacy of the double inverted Y-shaped airway covered stent therapy for thoraco-stomach-right main bronchus fistula.
Li Zong-Ming1; Han Xin-Wei1; Jiao De-Chao1
1 The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China

P62 [173] Usefulness of portable disposable ultrathin endoscope demonstrated through percutaneous endoscopic gastrostomy.
Myong Ki Baeg1; Chul-Hyun Lim1; Jin Su Kim1; Yu Kyung Cho1; Jae Myung Park1; Bo-In Lee1; Young-Seok Cho1; In-Seok Lee1; Myung-Yoo Choh1
1 The Catholic University of Korea, College of Medicine, Seoul, Korea, South

P63 [192] Removal of a “huge” foreign object using esophagogastrroduodenoscopy combined with a curved laryngoscope.
Masatumi Okuda1; Kenro Kawada1; Toshioh Motoi1; Yuichiro Kume1; Yutaka Nakajima1; Naoto Fujiwara1; Takuya Okada1; Akimori Hosho1; Takuma Chiba1; Yutaka Tokurin1; Yasuaki Nakajima1; Tatsuyuki Kawano1
1 Tokyo Medical and Dental University Department of Esophageal Surgery, Tokyo, Japan

P64 [93] Clinical outcome of endoscopic management for duodenal Dieulafoy’s lesions: endoscopic band ligation versus endoscopic hemoclip placement.
Young-Seok Cho1; Jeong-Seon Ji1; Jeong Seop Moon1
1 Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, South; 2 Incheon St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Incheon, Korea, South; 3 Seoul Poik Hospital, College of Medicine, Inje University, Seoul, Korea, South
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P65 [165] Five cases of squamous cell carcinoma arising from esophageal diverticula treated with argon plasma coagulation. Eduardo Hiroshi Akaishi,1,2 Edivaldo Massazo Utiyama,1,2 Gabriella Oliveira Mendes,1,2 Margareth Lallé1,2 Raphael Medeiros1.1 Tokyo Medical and Dental University, Tokyo, Japan

P66 [143] Persistent or recurrent intestinal metaplasia in patients with normal neo-Z-line after RFA is not a risk factor for recurrence of neoplasia. Jana Kraczkova1, Jana Maluskova1, Marek Kollar1, Julius Spicak2, Magdalena Stefanova2, Jan Martinek2.1 Institute for Clinical and Experimental Medicine, Prague, Czech Rep.; 2 Hospital Na Frantisku, Prague, Czech Rep.

P67 [175] Treatment strategy after endoscopic resection of superficial esophageal squamous cell carcinoma: a single institution experience. Yong Chan Lee1,2; Hyun Jik Lee1; Jun Chul Park1; Sung Kwan Shin1; Hyun Soo Chung1; Sang Ki Lee1.1 Department of Internal Medicine, Institute of Gastroenterology, Yonsei University College of Medicine, Seoul, Korea, South

Surgery (P70-P74)

P70 [104] Impact of minimally invasive surgery and gastric tube on the quality of life in patients with esophageal cancer. Ming Du1.1 Department of Thoracic and Cardiovascular Surgery, The first affiliated hospital of Chongqing Medical University, Chongqing, China

P71 [103] Purse-string stapling technique for minimally invasive Ivor Lewis esophagectomy. Ming Du1.1 The first affiliated hospital of Chongqing Medical University, Chongqing, China

P72 [105] Clinical analysis of mediastinal drainage tube in thoracoscopy and laparoscopic esophagectomy for esophageal carcinoma. Ming Du1.1 Department of Thoracic and Cardiovascular Surgery, The first affiliated hospital of Chongqing Medical University, Chongqing, China

P73 [315] Malignant dysphagia treated by esophageal sparing surgery with good prognosis. Artur Reis1,2,3, Frederico Teixeira Jr.1,2, Vitor Moutinho Jr.1,2, Sergio Couto Netto1,2, Tiério Lima1,2, Andre Perina1,2, Fabio Ferreira1,2, Eduardo Hiroshi Akaishi1,2, Edivaldo Massazo Utiyama1,2, Gabriela Oliveira Mendes1,2, Margaret Lalé1,2, Raphael Medeiros1,2.1 Sarcoma and Melanoma Group – General Surgery Department. Cancer Institute – University of São Paulo School of Medicine Brazil, São Paulo, Brazil.; 2 General Surgery Department – Hospital das Clínicas – University of São Paulo, School of Medicine, São Paulo, Brazil.; 3 Santa Casa de Misericordia de São José dos Campos, São José dos Campos, Brazil

P74 [61] Salvage esophagectomy after failed definitive radiochemotherapy for esophageal cancer. Eleonora Farinella1,2; Safar Adonis1,2; Fikri Bouazza1,2; Gabriele Liberale1,2; Mariannna Paesmans1,2; Paul Vanhoutte2,3; Issam El Nakadi1.1 Department of Digestive Surgery, ULB-Erasme-Bordet, Bruxelles, Belgium.; 2 Data Center, Institut Jules Bordet, Bruxelles, Belgium.; 3 Department of Radiotherapy, Bordet, Bruxelles, Belgium

Miscellaneous (P75-80)

P75 [206] Post-esophagectomy enteral nutrition via needle catheter jejunostomy: standardized treatment. Lei Gong1,2; Mingquan Ma1,2; Hongjing Jiang3; Xiaofeng Duan1; Peng Tang1; Zhentao Yu1.1 Inje University Seoul Paik Hospital, Seoul, Korea, South; 2 Yonsei University College of Medicine, Gangnam Severence Hospital, Seoul, Korea, South

P76 [51] EndoVac management for esophageal rupture. Yong-Joo Kim1; Dohoon Kim1; Jong-Myeon Hong1.1 Department of Medicine, Chungbuk National University, Cheongju, Korea, South.; 2 College of Medicine, Hanyang University, Seoul, Korea, South

P77 [270] Safety and efficacy of a fully covered self-expanding metal stent for the treatment of esophageal perforation. Ali Fuat Kaan Gok1; Ibrahim Halil Ozata1; Erhan Eroz1; Mehmet Ilhan1; Süleyman Bademli1; Hakan T. Yaran1; Cemalettin Ertek1; M. Kayhan Gunay1.1 Istanbul School of Medicine, Istanbul, Turkey

P78 [66] Dysphagia in children with repaired esophageal atresia. O.H. Coppens1, L. van den Engle-Hoek1,2, H. Scharbatke1,2, S.A.F. de Groot1, J.M.T Draaisma1.1 Department of Pediatric, Radboud University Medical Center, Amalia Children’s Hospital, Nijmegen, the Netherlands.; 2 Department of Rehabilitation, Radboud University Medical Center, Amalia Children’s Hospital, Nijmegen, the Netherlands

P79 [311] Superficial basaloid squamous cell carcinoma of the esophagus: clinicopathologic and immunohistochemical study of six cases. Atsuko Ota1; Akinori Iwashita1; Keisuke Ikeda1; Hiroshi Tanabe1.1 Mitsubishi University Chikushi Hospital, Fukuoka, Japan

P80 [24] The clinical course of asymptomatic esophageal candidiasis incidentally diagnosed in general health inspection. Sang Pyo Lee1; In-Kyung Sung1; Jeong Hwan Kim1; Sun-Young Lee1; Hyung Seok Park1; Chan Sup Shim1.1 Konkuk University Medical Center, Seoul, Korea, South
Opening Ceremony

Monday, August 31
6:30 pm

• at the Grimaldi Forum Salle Prince Pierre •

Dance performance
“The passengers”

8:15 pm Reception

• on the Esplanade Princess Grace •
given by the Direction of Tourism and Congresses of Monaco
On Wednesday, September 2, the scientific sessions will end one hour earlier than the preceding days: this, to allow time for all to get ready for the Gala evening of the congress...

Gala Evening
Wednesday, September 2
8.00 pm

• at the Yacht Club Monaco •

HSH The Prince of Monaco has graciously opened the very exclusive, private Yacht Club of Monaco to the OESO 13th Conference.
Accompanying Persons Program

Easy Hike Around Cap Martin

Tuesday, September 1
(morning excursion half day)

Difficulty: Easy

A by-the-seaside walk in Cap Martin, a preserved peninsula with a footpath running along the sea, offering wonderful views over the Principality and its amphitheatre of mountains on one side, and a panorama of Menton and the Italian coastline on the other side. Your accompanying licensed guide will give the tempo for a most enjoyable walk of about two hours.

You will leave the Grimaldi Forum on foot, hike around the peninsula, and walk back to the Grimaldi Forum.

Please note: Wear comfortable sneakers and sunglasses, and a light windbreaker.

Price Per person: € 45
Notes: free for those registering as accompanying persons
Minimum/maximum number requested: 12 participants

Price includes: French/English speaking mountain guide, bag with 50cl mineral water, a fruit and cereal bar

Time schedule:
- 09:00 am | Departure from the Grimaldi Forum in Monaco
- 09:30 am | Start of the hike
- 11:30 am | End of the hike
- 12:00 pm | Return to the Grimaldi Forum
La Turbie & Eze Village

Wednesday, September 2
(morning excursion half day)

La Turbie is one of the oldest villages, dating back from Roman times, always a strategic pass used by all warlords from Caesar to Napoleon. In the 6th century BC the Roman senate decided to have this trophy raised at the key point of the border between Gaul and Italy to celebrate the victory of Augustus over the local Ligurian tribes. Originally the trophy was 49 m high and supported a giant statue of the emperor. From the esplanade you discover the most breathtaking view over the Principality of Monaco with the shore and headlands of the Italian Riviera in the background. A few kilometers away, Eze is a fairytale village perched on a rocky spur overlooking the Mediterranean, with quaint narrow streets, beautiful ancient stone houses, and attractive handicraft shops. On top of the village, in the ruined ancient fortress a surprising garden of cactuses surrounded by statues offers stunning panoramic views over the coastline. In the nearby Fragonard Perfumery you will be able to explore the secrets of perfume making from the first copper still in use since the 4th century to the most modern techniques and learn the patient and mysterious art of the “Nose”.

Accompanying persons program

Time schedule:

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<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 am</td>
<td>Departure from the Grimaldi Forum in Monaco</td>
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<td>09:45 am</td>
<td>Visit Roman Trophy</td>
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<tr>
<td>10:30 am</td>
<td>Visit Eze and garden</td>
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<tr>
<td>11:45 am</td>
<td>Visit Fragonard</td>
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<tr>
<td>12:30 pm</td>
<td>End of the visit and return to the Grimaldi Forum around 01:00 pm</td>
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➔ Price Per person: € 77
➔ Minimum number requested: 15 participants

Price includes: French/English speaking guide, transportation in private bus, entrance fee Roman Trophy and Eze Garden, and visit Fragonard Perfumery.
General Information

The registration desk will open on 31st August and stay open all through the Congress from 7:00 am to 6:15 pm.

Congress Venue
Grimaldi Forum –10, Avenue Princesse Grace – Monaco

Scientific Program
The scientific program is available on
http://www.oeso.org/monaco_conference2015/scientific-program.html

Slide Center
Opening hours are the following:
• August 31: 9:00 am – 7:00 pm
• September 1: 7:00 am – 6:00 pm
• September 2: 7:00 am – 6:00 pm
• September 3: 7:00 am – 6:30 pm

It is essential for the smooth running of the sessions that all speakers hand in their Power Point presentations on time. Slides must therefore be handed into the Slide Center in advance, even the day before the session, but at the very latest one hour before (see above).

The Official Operating System of the Congress is Microsoft Windows:
Speakers with Macintosh presentations should hand in their slides at least half a day before the Session.

Poster area
• Poster set-up: Monday, August 31, from 9:00 am to 5:00 pm
• Poster removal must be completed on Thursday, September 3 before 6:30 pm

Poster and Video presentations
In addition to the traditional poster exhibit, a computer “stream presentation” will be shown in the main hall: this consists in a computer display of up to 5 power point slides prepared by the author(s) to complete a poster with pertinent details or instructive commentaries. Throughout the Congress, the Poster Jury as well as the attendees, will have access, at any time, to the stream presentation of any poster on the program.
Twenty four Posters will be selected by the Jury, to be given in an oral presentation (5 min. + 5 min. discussion) during two sessions scheduled on Thursday, September 3, 10:30 am – 12:30 pm and 2:00 – 4:00 pm. The choice of the Jury will be announced on Wednesday, September 2 at 2:00 pm.

The authors of the chosen abstracts will be asked to bring the corresponding slides to the Slide Center by Thursday, September 3, 8:00 am.

Among all the abstracts submitted (Poster or oral presentation), twelve will be selected. The authors will be honored at the Gala evening at which time they will receive a diploma. In addition, they will be offered free registration at the time of the OESO 14th World Conference in 2017.

**Certificate of attendance**
The certificate of attendance will be downloadable from the Website after the congress.

**Lunches**
On September 1, 2, and 3, lunches will be served free of charge in the hall “Le Genois” to all registered participants wearing congress badges.

**Official language:** English

**Gala Dinner – Wednesday, September 2 at 8:00 pm**
*Yacht Club De Monaco – Quai Louis II.*
The Yacht Club of Monaco is walking distance from the Grimaldi Forum, several hotels (Fairmont, Monte Carlo Bay, Méridien. However, a shuttle bus will be kindly made available by the DTC (Direction du Tourisme et des Congrès de Monaco), and will stop by the major hotels from 7:15 pm. (Pick up time to be communicated at the Grimaldi Forum).

**Getting to the Grimaldi Forum**
*Most of the hotels are within walking distance from the Grimaldi Forum.*
*Please note: your conference badge will provide you with free access to all city buses in Monaco, a service graciously offered by the DTC (http://www.cam.mc/PLAN_CAM.pdf).*

In alternative, a taxi stand is located in front of the main hotels or by calling +377 93150101.
OESO Would like to thank

For their support

- Boston Scientific
- C2 Therapeutics
- Crospon
- Mederi
- Olympus Europa
- Sandhill
- Reza Band
- Somna Therapeutics

For their contribution

- Skyteam
- Airfrance

For their art work in the exhibit hall and in this program,

- Yves Chambeyron
- Viktoria Pokieser
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