



European Society for Trauma and Emergency Surgery (ESTES)

Association sans but lucratif (ASBL)

www.estesonline.org

President

Prof. Dr. Ari Leppaniemi
(Helsinki, Finland)
Ari.Leppaniemi@hus.fi

Past President

Prof. Dr. Luke Leenen
(Utrecht, The Netherlands)
l.p.h.leenen@umcutrecht.nl

President Elect

Prof. Dr. Hans-Christoph Pape
(Aachen, Germany)
hpape@ukaachen.de

Vice-President

Prof. Dr. Eric Voiglio
(Lyon, France)
eric.voiglio@chu-lyon.fr

General Secretary

Prof. Dr. Pol Maria Rommens
Dept. of Trauma Surgery
University of Mainz
Langenbeckstr. 1
55131 Mainz
Germany
pol.rommens@unimedizin-mainz.de

Treasurer

Prof. Dr. Hayato Kurihara
(Milan, Italy)
hayato.kurihara@gmail.com

Editor-in-Chief EJTES

Prof. Dr. Ingo Marzi
(Frankfurt, Germany)
marzi@trauma.uni-frankfurt.de

Message from the Past Congress President and Editor-in-Chief

Dear Colleagues and Friends,

we can look back at a successful year of our society!

ESTES is growing in members and in national societies and organizations. The 15th European Congress of Trauma and Emergency Surgery (ECTES 2014) in Frankfurt held together with the 2nd World Trauma Congress was very well received with participants of 80 countries. The European Journal of Trauma and Emergency Surgery (EJTES) is receiving a continuously increasing number of original papers submitted and is well received in the field of trauma and emergency surgery. And, the role of our society in the academic and clinical world, in particular in Europe, is getting more and more focused. Thus, we are moving forward in many fields, which I would like to mention in part.

ECTES 2015 will be held in Amsterdam May, 10-12, 2015 and the organizing committee under Roelf Breederveld is well on the way with a highly interesting program. The number of submitted abstracts for this European congress is already very high while writing this message. Thus, we are looking forward for the latest news in Trauma and Emergency Surgery and fruitful discussions soon next year!

As ESTES is an active, inter-active, and growing society, the underlying rules need an adaption to strengthen our organization and to move forward. The executive committee of ESTES, therefore, has proposed certain changes of the bylaws to the members of the society in summer 2014. During the General Assembly in Berlin, 31st of October 2014, these suggestions have been discussed between the members present and included written comments of active society members. Based on these discussions, the amendments of the bylaws should be decided in Amsterdam during the General Assembly. In due time, all members will be informed about the updated proposals of the amendments to the bylaws with the invitation to the General Assembly in Amsterdam. Final comments and suggestions are welcome then, at latest during this General Assembly. I am very grateful to our general secretary, Prof. Pol Rommens, who has worked intensively on this proposal. It is very important to decide on this issue now, in order to make our society 'fit for the future'!

In terms of educational activity, a dedicated committee was formed. Its role will be the discussion and development of educational concepts of ESTES, the

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advise on educational activities as well as the coordination of courses and instructional activities, including e-platforms. The committee will link our various teaching and learning activities to the board and to the membership. Dr. Miriam Rüsseler has been appointed to head and establish the board initially and to report during the next congress.

Lastly, I would like to inform you, that we will establish a Polytrauma Section, since many requests and proposals have been received for this central field of our society. Proposals were related to prehospital trauma care, clinical trauma care, trauma systems and registry.

I wish you all a very good New Year 2015 and continuing fascination and dedication to ESTES.

Ingo Marzi

Past Congress President and Editor-in-Chief EJTES

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Report of ESTES Grant Winner Dr. Phillipe Abreu



The Congress Center Frankfurt hosted a memorable meeting on trauma science last May. Continuing the “2012 Rio dream”, the world of surgery bowed to this pleasant city to discuss trauma care worldwide and its state-of-the-art for the future.

Trauma remains an important cause of death despite recent efforts that have been made by national associations and governments themselves. To address this issue, the world of surgery requires a World Trauma Association, and at this congress different cultures with different ways of care come together as one for the benefit of everyone. Also, the great presence of orthopedic surgeons made an interesting interaction of knowledge.

Trauma science develops step-by-step every day and receives pushes of knowledge during war times. Although Brazil has never led a large war, we fight everyday against a common enemy: violence. Civilian casualties in Brazilian cities account for a tremendous economic burden, represented by work–years lost by the most common trauma patient: “young, male,

and stupid”, as Dr. Rifat Latifi pointed out in his speeches at the congress. With the hope of sharing experience to improve our system, Brazilian surgeons formed one of the largest delegations in Frankfurt, led by Dr. Gustavo Fraga and Dr. Sandro Scarpelini.

Professors of trauma in Brazil are responsible for stimulating young medical students to follow a surgical career. It was only through the Academic League of Trauma of the Federal University of Parana (UFPR) that I could develop research during medical school. Together with 30 other students, we organized a research group on trauma, coordinated by Dr. Adonis Nasr, Dr. Flavio Tomasich, and Dr. Iwan Collaco. After 2 years, 11 papers, 2 books and another 4 book chapters were published. About 40 abstracts were presented in national and international conferences on surgery.

The Trauma Center Academic Division of UFPR hosted more than 100 medical students from all over the world through the International Federation of Medical Students’ Associations from 2009 to 2012. Also, by bilateral agreements, students could visit the University of Miami, Virginia Commonwealth University, and the University of California in San Diego. Finally, Hospital do Trabalhador (Level 1 Trauma Center of the UFPR) was chosen as the World Cup Hospital at Curitiba, south Brazil.

The opportunity to present our work in Frankfurt reinforces the purpose of students and residents to dedicate their lives to trauma science. In this field we have the opportunity to share our ideas with the world, and every innovation will have a place to be discussed. Trauma conferences are broad enough for specialists to improve their knowledge without being overwhelming for students and residents beginning their careers, by dedicating time to a wide variety of papers. This is what makes trauma surgery the most enthusiastic specialty for young surgeons.

As we could see in this conference, Europe has a different approach to trauma care, mainly due to the epidemiology on this continent. Less civilian violence leading to less penetrating trauma cases, and more traffic injuries leading to more blunt trauma. This pattern strengthens the general surgeons’ relationship with orthopedic surgeons, making it possible for them to widely participate in the WTC Europe.

Despite this different epidemiology, what we could learn from the second WTC was that trauma care can be delivered in a similar way worldwide. Probably by the intense work of the AAST and the American College of Surgeons and its committee

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on trauma, this standard of care is possible in different countries. Indeed, this is visible in the efforts of Dr. Rao Ivatury and the Panamerican Trauma Society, Dr. Raul Coimbra, Dr. Ari Leppäniemi, and Dr. Demetrius Demetriades, hard-working surgeons who spread ACS-COT courses and practices worldwide.

The conference in Frankfurt was a milestone in trauma surgery. Dr. Ingo Marzi and Dr. Luke Leenen conducted the widest scientific discussion environment possible this year. The conference achievements transcend the present and will be reflected in peoples' lives in the future. For sure the congress grant awarded to a (Brazilian) resident will stimulate our fellows to keep working and researching with trauma.

Phillipe Abreu

This congress grant was sponsored by the German Trauma Society. Thank you!



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Report of ESTES Grant Winner Dr. Michel Teuben



Dear Madam, dear sir,

I would like to start by expressing my sincere gratitude to the ECTES committee for selecting me as a 'European Society for Trauma and Emergency Surgery' travel grant winner. This grant gave me the opportunity to attend this excellent meeting.

I am in the second year of my PhD training at the University Medical Center Utrecht (The Netherlands) where I am studying the cellular innate immune response to severe trauma. Our trauma research group is supervised by Prof. Leenen as well as Prof. Koenderman from the 'Laboratory for Translational Research Utrecht' which is selected as a 'Federation of Clinical Immunology Societies' Center of Excellence.

To test my hypotheses I developed a porcine trauma model of acute systemic inflammation and utilized this model to study the mobilization, activation and function of neutrophils. Furthermore, I focus on the modulatory role of the spleen, and a splenectomy, on the activation of the immune response. A number of sessions were therefore directly relevant to me, such as the sessions about the treatment of splenic injuries as well as sessions focusing on experimental research.

This was the fifth edition of the ECTES I participated in and I am very glad to observe that there is increasing attention on experimental and pre-clinical research. The audience of our session was a select but very interested group of people and the level of questions and feedback was excellent. Next to the question and answer part of the actual sessions there were plenty of opportunities for informal discussion with other colleagues, which has further increased my insight into the porcine trauma model. Moreover, I also have a number of new contacts and promising ideas to follow up as I plan my upcoming experiments. To be more concrete we are about to start a new large animal study at the Universitätsklinikum Aachen, Germany (Prof. Pape) as part of a collaboration between several German research labs and our institution.

During this edition of the European Congress for Trauma and Emergency Surgery I presented the results of three different studies and was really pleased with the encouraging and helpful feedback that I received. My first talk summarized the results of epidemiological research on the different treatment modalities for polytrauma patients with blunt splenic injury. In line with other research groups we showed that selective non-operative management for splenic trauma is a safe treatment modality for severely injured trauma patients.

The second presentation included the outcome of a follow-up study of pediatric trauma patients treated for blunt splenic injury. We demonstrated that the compliance to vaccination guidelines for asplenic patients in our institution was inadequate. However, the introduction of new vaccination guidelines significantly improved the vaccination rate of our asplenic patients. To study this topic we identified all pediatric patients who were admitted for the treatment of splenic injury in our hospital during the 32-year study period.

Besides these epidemiological studies I was enabled to show the results of experimental work in our trauma surgery model in pigs. Our work uncovered the presence of different neutrophil subsets in the peripheral blood of pigs during trauma-induced acute systemic inflammation. As these subsets are highly comparable to their human counterparts these findings can form the basis for new intervention studies. Given the results of the previously mentioned study we decided to plan a new study to investigate, in addition to peripheral blood, the neutrophil response in the bone marrow compartment. In collaboration with Prof. Pohlemann

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(Universitätsklinikum des Saarlandes) and Prof. Flohé (Universitätsklinikum Düsseldorf) we managed to test our novel hypotheses during the pregress 'Definitive Trauma Care Course' in Homburg/Saar. As a consequence our German trip started a week earlier than most congress participants. During this week we moved the required lab equipment from the Netherlands to Homburg/Saar. During the course days we collected blood and bone marrow samples, which were processed in Homburg and thereafter analyzed by multichannel flow cytometry in Aachen. To perform these measurements we worked with a team of five researchers and drove over 1500 km in 4 days. The first analysis of our data look promising and I am looking forward to present these data next year in Amsterdam.

So, for me, being at the ECTES conference was an exciting and extremely useful experience, from both scientific and social points of view. I have always expressed an interest in the chance to work or study abroad and attending this conference has provided a platform for networking and meeting future collaborators. Furthermore, the discussions following my presentations, as well as those between the sessions, indicate that the effects of systemic inflammation in trauma are the focus of many research groups throughout Europe. The significance for clinicians is becoming more evident, and the opportunity of presenting these data at the ECTES conference certainly helps in moving forward. In addition, Frankfurt is an absolutely amazing city and a wonderful place to spend several days. Therefore after "working hours" we explored the cultural highlights of this beautiful city.

To conclude, I would like to thank the ESTES for allowing and supporting me to participate as a speaker at this edition of the European Congress of Trauma and Emergency Surgery!

Looking forward to the next congress in Amsterdam.

Best regards,
Michel Teuben

This congress grant was sponsored by the German Trauma Society. Thank you!



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DO YOU ALSO WANT TO BE CONGRESS GRANT WINNER?

Are you going to attend the 16th European Congress of Trauma and Emergency Surgery taking place in Amsterdam, The Netherlands (May 10–12, 2015)?

Would you like to win a travel grant of EUR 1,000?

Do you fulfill the criteria?

If your answer to all questions above is "Yes", seize this chance and apply now!

The prerequisites are the following:

- Age below 35 (date of congress is decisive)
- Specialist or Specialist-in-Training in Trauma and Emergency Surgery
- Submission and presentation of an accepted abstract
- Documented scientific activities
- Submission of the required documents (letter of intent, CV, list of publications, letter of recommendation)
- Short written report about the congress after the event
- Individual member of ESTES or intention to become an individual member of ESTES

The application form can be downloaded on the ESTES website (Education).

To apply for a grant, please return the completed application form and all required documents to the ESTES Administrative Office:

office@estesonline.org, fax: +43 1 58804 185

Application deadline: **Thursday, January 15, 2015**

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Dear colleagues,

Scientific and organizational preparations for the *16th European Congress of Trauma & Emergency Surgery* are in full swing.

The detailed Preliminary Scientific Program is available on the Congress Website.

Sessions will cover the following topics:

- ACUTE SURGERY
 - Timing – the key to emergency surgery
 - Minimal access therapies in emergency surgery
 - Abdominal emergencies
 - Keynote lectures
- MILITARY AND DISASTER
 - Keynote lectures
 - Disaster preparedness
 - Technical support in military surgery and disaster care
 - Military surgery: lessons to learn for civilian circumstances
- VISCERAL TRAUMA
 - Trauma management as simple as possible or as complicated as possible
 - Innovations: ups and downs. The youth speaks-up
 - Patient in extremis. What we sacrifice to preserve life?
 - Keynote lecture
- SKELETAL TRAUMA & SPORTS MEDICINE
 - Hand and wrist: do we operate too often?
 - Spine fractures in the elderly: what can we do?
 - Sports medicine: injuries of the shoulder
 - Postoperative infections
 - Research in trauma surgery
 - Trauma registry does it make sense
 - New aspects of diagnosing and treating osteomyelitis
 - Pelvic trauma

Online registration begins on Monday, December 1, 2014!

Register before February 27, 2015 and benefit from the Early Bird Registration Fees!

Find all information on the congress website: www.ectes2015.org

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Do not miss the opportunity to participate in the 16th European Congress of Trauma and Emergency Surgery in Amsterdam and mark the following dates in your calendar:

Start Online Registration: Monday, December 1, 2014

Early Bird Registration Deadline: Friday, February 27, 2015

ECTES 2015: Sunday, May 10 – Tuesday, May 12, 2015

I look forward to meeting you in Amsterdam.

Sincerely,

Prof. Dr. Roelf S. Breederveld

President of ECTES 2015

ECTES 2015 Organizing Team

Mondial Congress & Events, Mondial GmbH & Co. KG, Operngasse 20b, 1040 Vienna, Austria

t + 43 1 58804-0, f-185, ectes2015@mondial-congress.com, www.ectes2015.org

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ACUTE CARE SURGERY COURSE ON VISCERAL & GASTROINTESTINAL EMERGENCIES (NON-TRAUMA)



March 16-17, 2015

European Society for Trauma and Emergency Surgery (ESTES), European Association for Endoscopic Surgery (EAES)

in co-operation with

Section for Surgical Research, Medical University of Graz

This workshop is designed to provide state-of-the-art information on the diagnosis and management of severely ill patients who present with non-traumatic visceral and gastrointestinal emergencies. The course emphasizes direct involvement of the trainees in the problem-oriented theory and hands-on lab sessions. Upon completion of the course, attendees will be well equipped to deal with these patients when they see them in the emergency room.

Course director: Prof.Dr. S. Uranues

Course language: English

Course location: Department of Surgery, Section for Surgical Research
Auenbruggerplatz 29, 8036 Graz, Austria

Registration fee: € 600.-, for members of ESTES and EAES € 550.-

Registration: i.prassl@medunigraz.at
Phone: +43(0)316 385 83232, Fax: +43(0)316 385 16845

More information:

<http://www.chirurgischeforschung.at/de/akutchirurgie-acute-care-surgery.html>

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Announcements

Upcoming related congresses & courses

MUSEC – Modular UltraSound ESTES Course

Lugano, Switzerland

January 10, 2015

Registration: musec@thesoundofthebody.eu

4th Innovative Trauma & Reconstruction Solutions congress

Seefeld, Austria

January 22–24, 2015

www.bonedefect.org

GAMET 2015

Chennai, India

March 26–29, 2015

www.gamet2015.com

2nd Congress of Pan-Ukrainian Association of Traumatology and Osteosynthesis

Kiev, Ukraine

April 23–25, 2015

www.uato.com.ua

More congresses and courses to be found in the **ESTES events calendar** at
www.estesonline.org

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