



DEUTSCHE GESELLSCHAFT
FÜR UNFALLCHIRURGIE
GERMAN TRAUMA SOCIETY

15th European Congress of Trauma & Emergency Surgery & 2nd World Trauma Congress

May 24 - 27, 2014 | Frankfurt / Germany | Congress Center

Innovation in Trauma Care



Scientific Program incl. Pre- Congress Courses

Organised by:

European Society for Trauma & Emergency Surgery
World Coalition for Trauma Care
German Trauma Society

www.estesonline.org
www.wtc-2014.org

233 International Speakers
353 Free Paper Presentations
342 Poster Presentations

ECTES 2014 & 2nd WTC - Scientific Program Grid - as of January 21, 2014																								
Sunday, May 25, 2014	Time	Harmonie	Fantasia	Illusion 1+2	Illusion 3	Conclusio	Spektrum 1	Spektrum 2	Poster Sessions															
	08:00 - 10:00	ILC: ECTES/WTC Prehospital care in trauma M. Croce, Tennessee; B. Bouillon, Cologne Still Scoop and Run? M. Croce, Tennessee Still Stay and Play B. Bouillon, Cologne Role of Air Transport in Urban areas Reimertz, Frankfurt Role of air transport in the Swiss mountains D. Heim, Frutigen Pre-hospital care in austere environments T. Dietze, Koblenz	Keynote Session 2 Surgical Critical Care Chairs: R. Breederveld, Beverwijk; V. Bansal, San Diego Keynote: The Role of Immunonutrition at the surgical ICU V. Bansal, San Diego + Free Paper Presentations	Keynote Session 27 Treatment of Humerus Fractures Chairs: K. Burkhart, Cologne; V. Senekovic, Ljubljana Keynote: Nailing or Plating of the proximal humerus today K. Burkhart, Cologne + Free Paper Presentations	ILC:WTC/ECTES New surgical procedures for multiple trauma patients: status of evidence Chairs: L. Leenen, Utrecht; J. Asensio, Valhalla Early stabilization of chest wall – When to do it? M Benelmann, Utrecht Percutaneous dilatation tracheostomy – should it substitute open tracheostomy? E. Muhl, Lübeck Endovascular Treatment for Thoracic Aortic Tears Th. Schmitz-Rosen, Frankfurt Early Decompressive Craniotomy : a new way to go A. Unterberg, Heidelberg Major vascular injuries of the chest J. Asensio, Valhalla	Free Paper Session 9 Neuro- and Spine Trauma W.I. Steudel, Homburg; M. Keel, Berne + Free Paper Presentations	Free Paper Session 16 Trauma Scores and Modeling Chairs: D. Clarke, Dorpsgruit, SA; A. Haider, Baltimore + Free Paper Presentations	Free Paper Session 31 Femure Fracture Treatment I Chairs: S. Rose, Luxemburg; G. Ökcü, Izmir + Free Paper Presentations																
	10:30 - 12:00	GS: OTA / ESTES The first hours after admission – how I do it Chairs: R. Leighton; H.C. Pape, Bonn How to: assess the physiologic response M. Rotondo, Greenville How to: overcome major bleeding K. Boffard, Johannesburg How to: manage the long bone fractures R. Leighton, How to: handle the unstable pelvis M. Keel, Berne How to: avoid overlooked injuries R. Gruen, Melbourne	ILC: AAST Multi-Organ Damage Control Strategies Chairs: W. Cliffo, Providence; Y. Otomo, Tokyo Damage Control Approaches: Abdomen & Pelvic M. Croce, Tennessee Thoracic Damage Control R. Coimbra, San Diego Vascular Damage Control: Ligation, shunts and other maneuvers Y. Otomo, Tokyo Critical Care: Resuscitation goals & endpoints for the damage control patient G. Velmahos, Boston Damage Control Resuscitation: factors, pro-coagulants, monitoring E. Moore, Denver	GS: DVSE Focus on Elbow Trauma Chair: L.P. Müller, Cologne; U. Brunner, Agathariad Simple Elbow Dislocation: Diagnostics and treatment K. Burkhart, Cologne Coronoid fractures L.P. Müller, Cologne Distal humeral fractures P. Rommens, Mainz Proximal ulna fractures H. Lill, Hannover Posttraumatic Elbow stiffness U. Brunner, Agathariad	RT: ESTES / EMN Neurotrauma in the polytrauma patient Chairs: L. Leenen, Utrecht; V. Seifert, Frankfurt Bleeding control first? D. Demetriades, Los Angeles Decompression first? V. Seifert, Frankfurt Neurotrauma during military actions: acute management Ulrich Kunz, Ulm Staged treatment procedure and effect on MODS L. Leenen, Utrecht Intensive care of the combined neurotrauma and polytrauma patient A. Unterberg, Heidelberg	GS: ESTES VT /DGAV/CAMIN The Open Abdomen Chairs: R.S. Mackersie, San Francisco; R. Schwab, Koblenz Open Abdomen in Trauma R.S. Mackersie, San Francisco Staged concept of vacuum therapy in open abdominal treatment A. Wilms, Koblenz Management of Severe Pancreatic Trauma G. Saurabh, New Dehli Colostomy and enteric fistula in open abdominal Treatment J. Jaehne, Hannover Enteral nutrition in the patient with an open abdomen V. Bansal, San Diego	Keynote Session 10 Prehospital Trauma Care Chairs: S. Rizoli, Toronto; B. Friemert, Ulm Keynote: Adaption of prehospital procedures by new stabilization tools of the pelvis U. Schweigkofler, Frankfurt + Free Paper Presentations	Keynote Session 36 Bone and Tissue Healing after Orthopedic Surgery Chairs: H. Redl, Vienna; G. Schmidmaier, Heidelberg Keynote: New concepts to improve bone healing G. Schmidmaier, Heidelberg + Free Paper Presentations	Polytrauma Chair: H.-J. Oestern, Celle Orthopedic Reconstruction Chair: G. Gradl, Rostock WHO Global Alliance for InjuredChair: Chair: F. Al-Ayoubi, Abu Dabi Visceral Trauma I Chair: F. Turegano, Madrid Military and Disaster Surgery Chair: F. Pons, Paris															
	12:00 - 12:12	12-to-12 Lecture The global burden and changing epidemiology of emergency surgery C. Mock, Washington	12-to-12 Lecture The Boston Bombing: Surgical Outcomes, Lessons Learned G. Velmahos, Boston	12-to-12 Lecture How to bring surgery and research together? N. Haas, Berlin	12-to-12 Lecture Perspectives of Emergency Surgery F. Catena, Parma																			
	12:30 - 13:30	Lunch Break Industry Symposia/ Workshops																						
	14:00 - 15:30	RT: WHO/WTC Global Alliance for the Care of the Injured (GACI) R. Coimbra, San Diego; A. Leppäniemi, Helsinki Improving Trauma Care World Wide: Why we need a world coalition? R. Coimbra, San Diego Trauma Systems Worldwide: Where we are and where do we need to go? R. Gruen, Melbourne Collaboration in trauma system development: The Indian-Australian Collaborative experience M. Joshipura, New Delhi What can ESTES contribute to GACI: A web-based trauma registry S. Ruchholtz, Marburg WHO Global Alliance for the care of the injured – What is supposed to do? C. Mock, Greenville	ILC: ECTES Antibiotics in surgery Chairs: R. Maier, Seattle; P. Giannoudis Leeds Infections after abroad situations E. Kollig, Koblenz What is new in antibiotic therapy K. Zacharowski, Frankfurt Biofilm-penetrierende Antibiotika M. Raschke, Münster Coated Implants G. Schmidmaier, Heidelberg Bone scaffolds with antibiotics P. Giannoudis, Leeds	ILC: ESTES ST Sport traumatology N. Südkamp, Freiburg; E. Varga, Szeged Cycling Accidents: typical patterns N. Südkamp, Freiburg Sports Injuries of the Hand S. Flohe, Düsseldorf Sports Injuries of the Elbow S. Nijs, Leuven Taking Care of a Professional Soccer Team S. Matyasovszky, Mainz Incidence of Recreational Alpine Skiing and Snowboarding Injuries; six years experience in the largest ski resort in Finland A. Stenroos	Keynote Session 20 Injuries during armed conflicts Chairs: F. Turegano, Madrid; A. Franke, Koblenz Keynote: Blast lung Injury and it s treatment A. Franke, Koblenz + Free Paper Presentations	Free Paper Session 23 Research in Surgical Education Chairs. M. Zago, Bergamo; U. Oberlacke, Mannheim + Free Paper Presentations	Free Paper Session 3 Bleeding and Intervental Strategies Chairs: A. Peitzman, Pittsburgh; A. Seekamp, Kiel + Free Paper Presentations	Keynote Session 34 Injuries to the lower leg Chairs: J. Rueger, Hamburg; P. Simko, Bratislava Keynote: Intelligent nailing of large bones R. Moshéiff, Tel Aviv + Free Paper Presentations	Surgical Critical Care I Chair: M. Keel, Berne Skeletal Trauma Femur Chair: M. Beuran, Bucharest Abdominal Emergencies I Chair: S. Stengiopoulou, Chaidari Quality in Trauma Care I Chair: P. Ramos, Funchal Education W. Schwab, Philadelphia															
	16:00 - 17:30		ILC: ESTES ES Management of Abdominal Complications Chairs: E. Voiglio, Lyon; M. BÜchler, Heidelberg Postoperative hemorrhage: a management strategy E. Voiglio, Lyon Anastomotic breakdown: therapeutic options S. Uranues, Graz Dealing with complications of biliary surgery A. Fingerhut, Paris Abdominal collections: how to approach them M. Zago, Bergamo Pseudomembranous colitis: when medical management fails H. Kunhara, Milan Management of Surgical Complications M. BÜchler, Heidelberg	ILC: Gerhard KÜntscher Society Nailing of metaphyseal fractures- What have we learned? Chairs: J. Verbruggen, Maastricht; P. Giannoudis, Leeds Proximal Femur G. Gradl, Rostock Distal Femur D. Seligson, Louisville Proximal Tibia P. Giannoudis, Leeds Distal Tibia M. Goldtaz, Saint Jean Reconstruction of the lower extremity by means of an intramedullary device P. Reynders, Leuven	ILC: ECTES/WTC/DIVI Modern Aspects of Surgical Intensive Care Chairs: G. Velmahos, Boston; E. Faist, Munich Preventive rotational/proning bed therapy after multiple trauma S. Wutzler, Frankfurt Fast track extubation of the polytrauma patient K. Zacharowski, Frankfurt Nutrition of the surgical ICU patient: how to do it? V. Bansal, San Diego Antibiotic prophylaxis in the surgical ICU: when, how, what and why? E. Faist, Munich Use of modern technology for physiologic monitoring: what works? R. Maier, Seattle	Free Paper Session 4 Blunt Abdominal Trauma - Spleen and Laparoscopy Chairs: Z. Balogh, Newcastle; Tina Gaarder, Oslo + Free Paper Presentations	Trauma care 2025 – do we need new perspectives in education and science? Chairs: Willem-Jan Metsmakers, Leuven; Gerhard Achatz, Ulm, Germany The intrascaphoid stability offered by headless compression screws: an in vitro study D. Grusick, Mainz Staphylococcal infections of orthopedic implants – a correlation between the clinical outcome and the bacterial pheno- and genotype. M. Morgenstern, Davos Arthroplasty for femoral neck fractures in the elderly P. Burgers, Rotterdam Participation in the AO Trauma Bone Infection Registry and establishment of a registry on Staphylococcus epidermidis related Implant Infections Ch. Erichsen, Davos Internal fxation of femoral neck fractures: treatment and effects S. Zielinski, Rotterdam Trauma Surgery in the Netherlands; a future with or without Orthopedics? C. Lameijer, Groningen Trauma Surgery in Belgium: does it still exist? W.-J. Metsmakers, Leuven Everything better in the north? Education for Trauma Care in Sweden L. Strömmer, Stockholm Trauma Care – can we learn something from the military side? G. Achatz, Ulm A plea for a comprehensive education in Trauma Surgery.	Free Paper Session 38 Systemic and local inflammatory mechanisms after trauma Chairs: H. Redl, Vienna, R. Mackersie, San Francisco + Free Paper Presentations	Abbreviations & Color Key ILC - Instructional Lecture Course RT - Round Table GS - Guest Symposium <table><tr><td></td><td>World Trauma Congress / Polytrauma / Neurotrauma</td></tr><tr><td></td><td>Emergency Surgery / Acute Care Surgery / Surgical Intensive Care</td></tr><tr><td></td><td>Visceral Trauma / Abdominal Trauma / Thoracic Trauma / Vascular Trauma</td></tr><tr><td></td><td>Skeletal Trauma / Orthopedic Trauma / Orthopedic Surgery</td></tr><tr><td></td><td>Military and Disaster Surgery / Education / Miscellaneous</td></tr><tr><td></td><td>ESTES Meetings</td></tr><tr><td></td><td>Industry-supported Sessions</td></tr><tr><td></td><td>Networking Events</td></tr></table>		World Trauma Congress / Polytrauma / Neurotrauma		Emergency Surgery / Acute Care Surgery / Surgical Intensive Care		Visceral Trauma / Abdominal Trauma / Thoracic Trauma / Vascular Trauma		Skeletal Trauma / Orthopedic Trauma / Orthopedic Surgery		Military and Disaster Surgery / Education / Miscellaneous		ESTES Meetings		Industry-supported Sessions	
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from 18:00	Opening Ceremony & Welcome Reception																							

Monday, May 26, 2014								
Time	Harmonie	Fantasia	Illusion 1+2	Illusion 3	Conclusio	Spektrum 1	Spektrum 2	Poster Sessions
08:00 - 10:00	GS: AOTrauma Improving the care of patients with fragility fractures Chairs: Ch. Kammerlander, Innsbruck; M. Cimerman, Ljubljana Opening words to introduce the topic: the state of fragility fracture care in Europe: newest developments Ch. Kammerlander, Innsbruck The team approach: interdisciplinary collaboration at the heart of the matter; E. Mayr, Augsburg Improving the medical quality of care of patients with fragility fractures M. Gosch, Hochziri Improving the operative quality of care of patients with periprosthetic fractures; St. Velkes, New York New classification of fragility pelvic ring fractures and its impact on treatment; P. Rommens, Mainz Implant augmentation as a treatment option M. Raschke, Münster	RT: ECTES Further development of Trauma Scores – New perspectives Chairs: R. Lefering, Cologne; H. Champion, Annapolis Development of Trauma Scoring Systems – the history H. Champion, Annapolis ISS, NISS, or what? Z. Balogh, Newcastle Development of new trauma scoring systems R. Lefering, Cologne Choosing the right “fit”: How to decide which scoring system to apply to your analyses. A. Haider, Baltimore Trauma Scoring Systems – What for? L. Handolin, Stockholm A new definition of polytrauma – results from a population based data set H.C. Pape, Aachen	Keynote Session 26 Abdominal Emergencies Chairs: R. Ivatury, Richmond; K. Taviloglu, Istanbul Keynote: Limitations of endoscopic bowel surgery K. Taviloglu, Istanbul + Free Paper Presentations	Keynote Session 12 WHO The Care of the Injured: The Problems Chairs: G. Fraga, Campinas, R. Latifi, Tucson Keynote: Rural Systems of trauma care D. Clarke, Dorpspruit + Free Paper Presentations	Keynote Session 24 New Aspects in Educational Research Chairs: M. Bowyer, Washington; M. Cunningham, Zurich Keynote: Resarch in Education related to trauma care M. Ruesseler, Frankfurt Keynote: Possibilities of mass casualty simulation D. Oberndorfer, Frankfurt (IG) + Free Paper Presentations	Keynote Session 21 Military Surgery Organisation Chairs: M. Benelman, Tilburg; F. Pons, Paris Keynotes: CBRN-E considerations with wound treatment L. Riddez, Stockholm + Free Paper Presentations	Keynote Session 35 Soft Tissue Injuries Chairs: J. Frank, Frankfurt; M. Keel, Berne Keynote: Acute and late treatment of necrotizing fasciitis R. Breederveld, Beverwijk + Free Paper Presentations	
10:30 - 12:00	RT: ESTES ST Fractures in the elderly: Care pathways Chairs: K. Wendt, Groningen; P. Rommens, Mainz Geriatric care pathway: who has to participate F. Gebhardt, Ulm / Co-Author: E. Hartwig Pelvic ring fractures in the Elderly P. Rommens, Mainz Osteoporotic fractures of the spine Ch. Josten, Leipzig Multiple injury in the elderly K. Wendt, Groningen	RT:WTC/ECTES Emergency Room Diagnostic Tools Chairs: R. Hoffmann, D. Trunkey, Portland Austere environments – Which diagnostic tools to use E. Kollig, Koblenz Ultrasound beyond FAST in the emergency room? M. Zago, Bergamo Conventional radiology or whole body scan in the emergency room? K. Boffard, Johannesburg Contrast CT-Scan: Routine or Selective? A. Seekamp, Kiel Modern Settings- Mobile CT- with interventional options Th. Vogl, Frankfurt	ILC Challenges in emergency surgery Chairs: T. Gaarder, Oslo; P. Vassiliu, Athens Large bowel tumor obstruction – Hartmann or primary anastomosis? M. Özmen, Turkey Severe cholecystitis – open or laparoscopic, immediate or delayed surgery? S. Uranus, Graz Perforated diverticulitis – open or laparoscopic, resect or not? A. Fingerhut, Paris Acute appendicitis – surgery or conservative treatment I. Martinez Casas, Bergamo Obscure lower GI-bleeding in elderly C. Mesquita, Portugal	ILC Boundless Trauma Care Central Europe (BTCCE) – a cross border project to improve the care of severely injured patients Chairs: H. Pape, Aachen; P. Brink, Maastricht The EMRIC+ (Euregio Maas-Rhein In Crisis) project P. Brink, Maastricht Regional trauma care in the northern region N.N. The cross border project in the southern region T. Pohlmann, Homburg Current cross border projects: Rescue and Polytraumacourse H.Pape, Aachen Ideas for a cross border trauma network: BMTCC Andruskow, Sabakhnj	ATLS Achievement and Advances of ATLS Chairs: I. Schipper, Amsterdam; Ch. Wölfl, Ludwigshafen ATLS – Update on the Evidence Ch. Wölfl, Ludwigshafen New Ways of teaching ATLS – Serious Gaming S. Klein Nagevoort-Schut, Rotterdam Application of cervical collars – An analysis of practical skills of prehospital care providers and emergency physicians (Free Paper 942) M. Münzberg, Ludwigshafen Outcome of ATLS Providers depending on their motivation of taking part (extrinsic versus intrinsic) W. Armbruster, Ludwigshafen	Keynote Session 22 Adaption of Surgical Procedures in Military Conflicts Chairs: S. Lennquist, Linköping; B. Hreckovski, Bukovlje Keynote: Update on clinical issues in the treatment of civilians injured in terrorist bomb explosions I. Ashkenazi, Hadera Keynote: Care under fire from a civilian setting B. Dobson, London + Free Paper Presentations	ILC: ESTES ES Critical Care in the Surgical Patient Chairs: A. Leppäniemi, Helsinki; J. Tilsed, Beverley Damage limitation in emergency surgery A. Leppäniemi, Helsinki Planned re-laparotomy: do we need to optimize physiology and immunology first? D. Demetriades, Los Angeles Fluid management in the critically ill surgical patient J. Tilsed, Beverley Complex abdominal sepsis: managing the fistulating laparostomy A. Leppäniemi, Helsinki Surgical emergencies in pregnancy: the two patient rule M. Özmen, Turkey Caustic Injuries - From the injury to reconstruction Yoram Kluger, Rehovot	Polytrauma II Chair: S. Flohé, Düsseldorf Vascular Trauma Chair: T. Hardcastle, Durban Abdominal Emergencies II Chair: L. Pinheiro, Portugal Diagnostic Procedures Chair: J. Peltzer, Delemond Neuro- and Spine Trauma O. Trentz, Zurich
12:00 - 12:12	12-to-12 Lecture Bone defect healing by RIA and Stem Cells I. Marzi, Frankfurt	12-to-12 Lecture S3 Polytrauma - Guideline H.-J. Oestern, Celle	12-to-12 Lecture Myths in surgery: why do we ignore the evicende? H. Kurihara, Milan	12-to-12 Lecture New signals in trauma S. Flohé, Düsseldorf			12-to-12 Lecture The Future of Emergency Surgery F. Catena, Parma	
12:30 - 13:30	ESTES General Assembly	Lunch Symposium: CSL Behring Advances in the reversal of old and new generation anticoagulants J. Levy	Lunch Symposium: Boehringer Ingelheim Pharma GmbH & Co. KG					
14:00 - 15:30	GS: BG-Hospitals Current and future concepts for treatment of non unions Chairs: V. Bühren, Murnau; T. Matsushita, Tokyo Treatment for hypertrophic situations V. Bühren, Murnau Decision making for suspected infection G. Hofmann, Jena/Halle Good an poor indications for BMP's U. Stöckle, Tuebingen Chipping technique M. Matsushita, Tokyo Masquelet technique T. Schellhauer, Bochum My choice for treatment today P. Giannoudis, Leeds	ILC ECTESWTC Decision Making: Operative Algorithm Chairs: T. Scalea, Baltimore; Ch. Josten, Leipzig Early Total Care – still a choice? T. Scalea, Baltimore Damage Control Orthopedics H.C. Pape, Aachen The Bleeding Patient W. Schwab, Philadelphia Clinical relevance of hyperthermia in the trauma patient L. Handolin, Stockholm Neurotrauma and spine injuries: What comes first? W.I. Steudel, Homburg What stabilization is necessary for Intensive Care U. Oberlack, Mannheim	ILC: IATSIIC Critical bleeding – tips and tricks Chairs: K. Boffard, Johannesburg; C. Mesquita, Coimbra Damage Control: surgical control of massive bleeding E. Moore, Denver (30) Trauma induced coagulopathy – what's new? T. Gaarder, Oslo Perihaptic vascular injury during surgery: Current Management W.O. Bechtstein, Frankfurt Exsanguinating pelvic injuries – a practical algorithm T. Pohlmann, Homburg Novo seven – does it help? K. Boffard, Johannesburg	ILC: ESTES Ed What does a trauma patient need? Interactive audit of real patient scenarios Chairs: F. Al-Ayoubi, Abu-Dhabi; M. Ruesseler, Frankfurt Prehospital Setting B. Dobson, London In the OR F. Al-Ayoubi, Abu-Dhabi Intensive Care D. Demetriades, Los Angeles Posttrauma Care M. Bowyer, Washington + Round Table Discussion	GS: ETCO Trauma Care: The Team Approach Chairs: K. Thies, Birmingham; Pol Rommens, Mainz History of the ETC K. Thies, Birmingham ATLS and ETC: competitive or complementary? E. Voiglio, Lyon The role of the radiologist within the trauma team K.-F. Kreimer, Mainz Simulation in trauma training C. Lott, Mainz Effects of trauma team training S. Kuhn, Mainz	Education of Military Surgeons B. Friemert, Ulm; R. Breederveld, Beverwijk War related Wounds - update 2014 and needed operative skills C. Wilby Education/Recruitment in the Netherlands R. Breederveld, Beverwijk Education/Recruitment in Germany B. Friemert, Ulm Changes in combat casualty care D. Trunkey, Portland Education/Recruitment in the UK? C. Bowley, Birmingham Principals from Military surgery translated to civilian care E. Dhondt	Keynote Session 32 Femur Fracture Treatment II Chairs: C. Juergens, Hamburg; B. Bakota, Zagreb Keynote: Clinical Applications or the RIA System, Ch. Müller, Karlsruhe + Free Paper Presentations	Surgical Critical Care II Chair: Z. Balogh, Newcastle Skeletal Trauma Lower Extremity Chair: R. Kdolsky, Vienna Quality in Trauma Care II Chair: S. Ruchholtz, Marburg Bleeding Control I Chair: R. Komadina, Slovenia CMF Injuries O. Lupescu, Bucharest
16:00 - 17:30	ILC: Panamerican Trauma Society (PTS) Innovations in the management of the severely injured patients Chairs: R. Ivatury, Richmond; R. Poggetti, Sao Paulo Minimally invasive aortic occlusion in the resuscitation of "extremis"-patients T. Scalea, Baltimore Laparoscopy in the diagnosis and management of abdominal trauma N. Kawahara, Bresli Advances in the surgical treatment of liver injuries A. Peitzman, Pittsburgh Damage-control techniques in vascular injuries A. Garcia, Cali	RT: ESTES Education Section Algorithms and Quality in the Emergency Room Chairs: M. Rotondo, Chicago; O. Trentz, Zurich Global Needs Analysis in Orthopedic Trauma for Practicing Surgeons M. Cunningham, Dübendorf ATLS-Concept M. Rotondo, Chicago DSTC T. Gaarder, Oslo ETCO K. Thies, Birmingham The educational perspective (In House Team Training) H. Wyen, Frankfurt	RT: ECTES Surgical Disaster Response. M. Benelman, Utrecht; Ph. Fischer, Bonn DGKM Disaster Medicine Curriculum Ph. Fischer, Bonn MRRM Course and Relevance K. Lennquist The FMT Initiative I. Norton, Geneva Decision making Process include in Disaster Surgery Guidelines W. Saeed (UK) Global Risk Forum: Disaster Surgery in the future W. Amman, Davos	ILC: ESTES ST Fractures and dislocations of the foot Chairs: J.H. Harbers, Groningen; C. Jürgens, Hamburg Listrafracture dislocation J.H. Harbers, Groningen Internal fixation of calcaneus fracture C. Sommer, Chur Fractures of the Talus O. Lupescu, Bucharest Injuries of the Ankle C. Jürgens, Hamburg Complex foot injuries T. Schepers, Amsterdam	Keynote Session 14 Polytrauma Outcome Chairs: E. Neugebauer, Cologne; A. Haider, Baltimore Keynote: Japanese Association for the Surgery of Trauma activities for improving trauma care Y. Mizobata, Osaka + Free Paper Presentations	Free Paper Session 19 New diagnostic procedures in trauma Chairs: J. Verbruggen, Maastricht; P. Wendsche, Brno + Free Paper Presentations	Keynote Session39 Experimental Trauma Research Chairs: S. Bahrami, Vienna; M. Lehnert, Frankfurt Keynote: Experimental Model for Trauma Research S. Bahrami, Vienna + Free Paper Presentations	Abbreviations & Color Key ILC - Instructional Lecture Course RT - Round Table GS - Guest Symposium World Trauma Congress / Polytrauma / Neurotrauma Emergency Surgery / Acute Care Surgery / Surgical Intensive Care Visceral Trauma / Abdominal Trauma / Thoracic Trauma / Vascular Trauma Skeletal Trauma / Orthopedic Trauma / Orthopedic Surgery Military and Disaster Surgery / Education / Miscellaneous ESTES Meetings Industry-supported Sessions Networking Events

ECTES 2014 & 2nd WTC - Scientific Program Grid - as of January 21, 2014																									
Tuesday, May 27, 2014	Time	Harmonie	Fantasia	Illusion 1+2	Illusion 3	Conclusio	Spektrum 1	Spektrum 2	Poster Sessions																
	08:00 - 10:00	ILC: SBAIT / ESTES D&M Preparing and attending mass events Chair: G. Fraga, Campinas; I. Ashkenazi, Hadera World Soccer Cup Mania T. De Campos, Brazil Pre hospital system in mass events S. Scarpelini, Brazil Mass casualty victims triage to trauma center care J.M.S. Rodrigues, Brazil Telemedicine helping care to mass casualty victims from nightclub fire in Brazil G. Fraga, Campinas Canadian train disaster T. Razeq, Montreal Resuscitation of explosion victims in civilian setting; pitfalls. I. Ashkenazi, Hadera	Free Paper Session 29 Elbow and Forearm Fractures Chairs: K. Sommer, Chur; R. Zivanovic, Nis + Free Paper Presentations	RT: ESTES ST Who cares for the trauma patient around the world D. Heim, Frutigen; L. Wallis, Cape Town The English system M. Nottingham, UK The Dutch system R. Brederveld, Beverwijk The Indian system G. Saurabh, New Delhi Trauma Systems in Africa – Ubuntu applied to injury T. Hardcastle, Durban The US System R. Coimbra, San Diego The Japanese System Y. Otono, Tokyo	Free Paper Session 15 Socio-Economic Aspects after Trauma Chairs : V. Vecsei, Vienna; P. Vassiliu, Athens + Free Paper Presentations	Free Paper Session 33 Tibial Injuries Chairs: P. Biberthaler, Munich; J. Rueger, Hamburg + Free Paper Presentations	Free Paper Session 7 Thoracic Trauma Chairs: R. Schwab, Koblenz; J. Doucet, San Diego + Free Paper Presentations	Free Paper Session 18 Diagnostic Tools - Role of CT and Ultrasound Chairs. Th. Vogl, Frankfurt; M. Zago, Bergamo + Free Paper Presentations																	
	10:30 - 12:00	ILC: ECTES Bleeding Control in Trauma Chairs: D. Trunkey, Portland; R. Komadina, Celje Intraoperative Maneuvers and Tricks to control massive bleeding: solid organs. M. Rotondo, Greenville Intraoperative Maneuvers and Tricks to control massive bleeding: vascular injuries D. Trunkey, Portland Options for Angioembolisation Th. Vogl, Frankfurt A systematic approach for pelvic bleeding. I. Marzi, Frankfurt Optimizing clotting in Trauma: 1:1:1 or goal directed therapy? M. Maegeler, Cologne	GS: EFORT Posttraumatic Joint Replacement Chairs: U. Stöckle, Tübingen; Th. Bégue, Paris THR after acetabular osteosynthesis – what is important? G. Ochs, Tübingen Hemiarthroplasty or inverse prothesis after failed proximal humerus fixation? S. Nijs, Leuven Hemi- or total elbow replacement after failed distal humerus fixation? L.P. Müller, Cologne TKR for post-traumatic arthrosis – what is important? G. Macheras, Athens	ILC: Australasian Trauma Society New developments in trauma care Chairs: T. Joseph, Australia; M. Parr, Australia Trauma Care: How good can you get? M. Parr, Australia The Red Blanket: a protocol for improving ER to OR Transfer of non-responding shocked trauma patients M. Muller, Australia The future of Trauma Nursing A. Jackson, Australia The tertiary survey by Trauma Nurses is both reliable and accurate M. Handy, Australia Pitfalls in trauma resuscitation and how to avoid them T. Joseph, Australia	ILC: ECTES Interdisciplinary Management of Thoracic Trauma Chairs: A. Markewitz, Koblenz; J. Asensio, Valhalla Diagnostic Procedures H. Wutzler, Frankfurt Blunt thoracic Trauma J. Asensio, Valhalla Major Vascular Injuries S. Debus, Kiel Heart Injuries A. Moritz, Frankfurt Thoracic trauma in austere environments R. Schwab, Koblenz	Keynote Session 37 Advances in Biomechanical Research Chairs: H. Eckardt, Copenhagen; Gavrankapetanovic, Sarajevo Keynote: New Modalities in the treatment of calcaneal fractures H. Eckardt, Copenhagen + Free Paper Presentations	Keynote Session 8 Pediatric Trauma Chairs: U. Rolle, S. Berger, Berne Keynote: Pediatric trauma care in Switzerland: long bone: conservative or operative S. Berger, Berne + Free Paper Presentations	Best Poster Session Chair: H. Kurihara, Rozzano; L. Leenen, Utrecht Skeletal Trauma Upper Extremity Chair: S. Nijs, Leuven Visceral Trauma II Chair: C. Mesquita, Quality in Trauma Care III Chair: J. Doucet, San Diego Bleeding Control II Chair: L. Wallis, Wellington																	
	12:00 - 12:12	12-to-12 Lecture Current challenges of acute volume resuscitation R. Maier, Seattle	12-to-12 Lecture HIV-infection prevention for surgeons S. Wicker, Frankfurt	12-to-12 Lecture Improving the Care of the Injured – consequences after the first World Congress G. Fraga, Sao Paulo	12-to-12 Lecture How to get clinical studies in surgery running E. Neugebauer, Cologne																				
	12:30 - 13:30		Sponsored Lunch Symposium: CSL Behring Haemostatic therapy in trauma care B. Bouillon, Cologne; V. Czerny,				EJTES Meeting																		
	14:00 - 15:30	ILC: ECTES ES Prevention and Management of Complications in Emergency Surgery Chairs: J. Tilsed, Beverley; T. Gaarder, Oslo How to avoid surgical complications: learning from mistakes F. Al-Ayoubi, Dubai Surgical ego and the neglected complication T. Gaarder, Oslo Anastomotic breakdown: therapeutic options H. Yanar, Istanbul Patient safety in surgery W. Mutschler, München Massive abdominal hernias after damage control: how to fix them? T. Fabian, Memphis	ILC: ESTES ST Complex joint lesions of the lower extremity H. Eckhardt, Copenhagen; V. Bühren, Murnau Joint fractures – arthroscopic options E. Geiger, Frankfurt Joint fractures – open requirements D. Heim, Frutigen Knee luxations S. Kohl, Berne Reconstruction or prosthesis G. Hofmann, Jena Bone defect management: synthetic material J. Rüger, Hamburg	ILC: IATISIC Trauma nightmares and changes in management Chairs: E. E. Moore, Denver; S. D'Amours, Australia Pulmonary injuries E.E. Moore, Denver Traumatic Liver Injury: Life saving procedures T. Hardcastle, Durban Complex hepatic injuries, role of ligation D. Castaing, Paris Subclavian injuries Civil Esophageal injuries R. Latifi, Arizona Penetrating anorectal injury D'Amours, Australia	RT: WTC/ECTES Detection and Management of Complications in Polytrauma Care Chairs: K. Jauch, Munich; R. Hoffmann, Frankfurt Incidental findings during Trauma-Scan and how to deal with them M. Rüsseler, Frankfurt Bacterial and Viral Complications after polytrauma: what to do? T. Joseph, Australia Is re-intubation a major morbidity in the ICU? J. Doucet, San Diego Timing of follow-up operations after initial damage control: which parameters have been proven useful to decide? H. C. Pape, Aachen	GS: EMN Special aspects of Neurotrauma Chairs: Jean-Luc Truelle, Paris; Wolf-Ingo Steudel, Homburg Epidemiology and prevention of Traumatic Brain Injuries in Europe: New Trends W.I. Steudel, Homburg Damage control strategies: How to use and prioritize? T. Fabian, Memphis 15 years experience of a single spine center on complications in cervical spine trauma T. Pitzen, Karlsbad-Langensteinbach Robots in neurorehabilitation V. Klamroth, Zurich Principles applicable to TBI neurorehabilitation J.L. Truelle, Paris	Free Paper Session 28 Shoulder Injuries Chairs: Chairs: N. Südkamp; Freiburg; A. Hofmann, Mainz + Free Paper Presentations	Free Paper Session 1 Polytrauma- Clinical Studies Chairs: R. Maier, Seattle; B. Bouillon, Cologne #NAME?	Skeletal Trauma Pelvis and Hip Chair: J. Verbruggen, Maastricht Abdominal Emergencies III Chair: H. Kurihara, Milan Soft Tissue and Research Chair: J. Frank, Frankfurt Pediatric Trauma and Emergencies Chair: S. Berger, Berne Visceral Trauma III W. Clodfi, Providence																
	16:00 - 17:30	ILC: Trauma Association of Canada Diagnosing coagulopathy immediately after trauma and the role of fibrinogen in its management Chair: S. Rizoli, Montreal; K. Brohi, London Advances in understanding the mechanisms responsible for early trauma coagulopathies K. Brohi, London Advances in understanding the role of fibrinogen and the role of ROTEM H. Schöchl, Salzburg Advances in diagnosing early trauma coagulopathies M. Maegeler, Cologne Advances in diagnosis and treatment of early trauma coagulopathy S. Rizoli, Toronto	Keynote Session 30 Treatment of Acetabular and Pelvic Fractures Chairs: T. Pohlemann, Homburg; L. Handolin, Helsinki Keynote: Treatment of Acetabular Fractures with labral tears M. Keel, Berne + Free Paper Presentations		ILC: ECTES Which Trauma Registry should be used? Chairs: S. Ruchholtz, Marburg; Z. Balogh, Newcastle German Trauma Registry R. Lefering, Cologne TARN F. Lecky, Leeds Scandinavian Trauma Registry A. Leppäniemi, Helsinki AFEM trauma bank T. Reynolds, South Africa National Trauma Data Base A. Hader, Baltimore	RT: WCTC Future Steps of the World Coalition for Trauma Care R. Coimbra, San Diego & Representatives of the World Coalition for Trauma Care Societies	Free Paper Session 40 Femur Reconstruction Chairs: W. Mutschler, Munich; M. Mitkovic, Nis Keynote: Impact of AO trauma education onto croatian trauma surgeons B. Bakota , Zagreb + Free Paper Presentations	Free Paper Session 6 Liver and Thoracic Trauma Chairs: T. Fabian, Memphis, W. Bechstein, Frankfurt + Free Paper Presentations Foreign bodies in geh GI Tract: when is intervention mandatory A. Shamiyeh, Linz	Abbreviations & Color Key ILC - Instructional Lecture Course RT - Round Table GS - Guest Symposium <table><tr><td></td><td>World Trauma Congress / Polytrauma / Neurotrauma</td></tr><tr><td></td><td>Emergency Surgery / Acute Care Surgery / Surgical Intensive Care</td></tr><tr><td></td><td>Visceral Trauma / Abdominal Trauma / Thoracic Trauma / Vascular Trauma</td></tr><tr><td></td><td>Skeletal Trauma / Orthopedic Trauma / Orthopedic Surgery</td></tr><tr><td></td><td>Military and Disaster Surgery / Education / Miscellaneous</td></tr><tr><td></td><td>ESTES Meetings</td></tr><tr><td></td><td>Industry-supported Sessions</td></tr><tr><td></td><td>Networking Events</td></tr></table>		World Trauma Congress / Polytrauma / Neurotrauma		Emergency Surgery / Acute Care Surgery / Surgical Intensive Care		Visceral Trauma / Abdominal Trauma / Thoracic Trauma / Vascular Trauma		Skeletal Trauma / Orthopedic Trauma / Orthopedic Surgery		Military and Disaster Surgery / Education / Miscellaneous		ESTES Meetings		Industry-supported Sessions		Networking Events
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from 17:30	Closing Ceremony																								



**15th European Congress of
Trauma & Emergency Surgery
&
2nd World Trauma Congress**



DEUTSCHE GESELLSCHAFT
FÜR UNFALLCHIRURGIE
GERMAN TRAUMA SOCIETY

Participating International Societies

American Association for the Surgery of Trauma (AAST)
American College of Surgeons - Committee on Trauma
Asociación Colombiana de Trauma
Australasian Trauma Society
Austrian Trauma Society
ATLS
Belgian Trauma Society
Bosnian Trauma Society
Brazilian Trauma Society (SBAIT)
Croatian Trauma Society
Croatian Urgent Medicine and Surgery Association
Czech Trauma Society
Danish Orthopedic Trauma Society
Dutch Trauma Society
Finnish Trauma Society
French Emergency Surgery Society
Hellenic Society for Trauma & Emergency Surgery
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Indian Society for Trauma and Acute Care (ISTAC)
International Association for Trauma Surgery and Intensive Care (IATSIC)
Israel Trauma Society (The Israel Medical Association)
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Japanese Association for the Surgery of Trauma (JAST)
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Lusitana de Trauma e Emergência Cirúrgica (ALTEC / LATES)
Orthopedic Trauma Association (OTA)
Panamerican Trauma Society (PTS)
Pan-Ukrainian Association of Traumatology and Osteosynthesis
Portuguese Surgical Society
Romanian Society for Trauma & Emergency Surgery
Serbian Trauma Society
Slovakian Trauma Society
Slovenian Association of Surgeons
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Society of Genitourinary Reconstructive Surgeons (GURS)
Spanish Surgeons Association
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ECTES 2014 & 2nd WTC – Pre-Congress Courses

A number of Pre-Congress Courses will take place prior to the *15th European Congress of Trauma & Emergency Surgery and 2nd World Trauma Congress* in Frankfurt, Germany (May 25 – 27, 2014).

Combine your educational trip to ECTES 2014 & 2nd WTC with attending one of the following courses:

- **Definitive Surgical Trauma Care - DSTC**
May 22-24, 2014, Universitätsklinikum Homburg/Saar, Germany
office@auc-online.de
For more information about the DSTC-course, please click [here](#) to download the DSTC-flyer (in German). To download the English version of the Flyer, please click [here](#).
- **ESTES European Trauma Course - ETC**
May 22-24, 2014, University Medical Center Mainz, Germany
silke.ernst@unimedizin-mainz.de
For more information about the ETC-course, please click [here](#). To download the Registration Form, please click [here](#).
- **Polytrauma Course**
May 24-25, 2014, Frankfurt, Germany
rpfeifer@ukaachen.de
For more information about the Polytrauma Course, please click [here](#). To directly register for the course, please click [here](#).
- **Modular UltraSound ESTES Course - MUSEC**
dates to be confirmed; if you are interested in attending this course, please contact ectes2014@mondial-congress.com. You will be notified as soon as further information is available.
- **Advanced Trauma Life Support - ATLS**
dates to be confirmed; if you are interested in attending this course, please contact ectes2014@mondial-congress.com. You will be notified as soon as further information is available.
- **Vascular Trauma**
dates to be confirmed; if you are interested in attending this course, please contact ectes2014@mondial-congress.com. You will be notified as soon as further information is available.

Detailed information such as course programs, flyers, schedules, location, contact details as well as latest updates can be found [here](#).

All queries related to content, logistics and organisation of the pre-congress courses should be directed to the respective course organiser!

We look forward to welcoming you in Frankfurt!
The ECTES 2014 & 2nd WTC Organizing Team