

- Programme -

Emergency Surgery Workshop Davos 2011

Emergency Surgery during Disaster Relief Activities

Davos, Switzerland – 10 December 2011

Background

The international response to large scale disasters has at times revealed highly questionable practices in the delivery of emergency medical humanitarian assistance, contrasting with a wider move in recent years to improve humanitarian intervention standards. Specific concerns centre on clinical competency, record keeping and follow up steps, but also on accountability, quality control, coordination and reporting.



Call for Posters

Participants interested in providing an insight in their work and experience will have the opportunity to present a poster.

You are kindly invited to submit the title of your poster to madeleine.colbert@grforum.org.

Certification

Workshop participants will receive a certificate issued by the AO Foundation.

Emergency Surgery Workshop Davos 2011

Davos, Switzerland, 10 December 2011

Emergency Surgery during Disaster Relief Activities - Surgery under Critical Environmental Conditions

Background

Recent catastrophes including the Wenchuan Earthquake in May 2008, the Haiti Earthquake in January 2010, and the recent earthquake in Japan have caused extremely high numbers in casualties and called for greater attention to be given to the role of medical teams providing emergency surgery. Many of those rescued have life-threatening injuries that require emergency surgery, a great number of which are severe limb injuries.

The international response to these disasters has at times revealed highly questionable practices in the delivery of emergency medical humanitarian assistance, contrasting with a wider move in recent years to improve humanitarian intervention standards. Specific concerns centre on clinical competency, record keeping and follow up steps, but also on accountability, quality control, coordination and reporting.

Outcome Goals

- Appropriate decision making under extreme conditions
- Guidelines for emergency surgery
- Course modules

To improve the quality of response to the medical problems encountered immediately after a sudden onset disaster and during the first days and weeks that follow, the workshop will focus on crush injuries, limb salvage, skin cover and the question of whether or not to amputate. The workshop will also address rapid and appropriate decision making in stressful situations, which can be additionally aggravated by extreme environmental conditions. Special attention will be given to the long-term perspective, accountability, data collection, and reporting.

Who Should Attend?

The workshop, taking place back-to-back with the AO Training Courses held in December 2011 in Davos, will be led by top experts in the fields of emergency surgery and disaster management. It will further provide a good opportunity for networking, knowledge, first-hand information and experience exchange. Participation is recommended for representatives and delegates from:

- medical institutions
- the health sector (in particular surgeons interested in emergency surgery)
- international medical response teams
- UN and international agencies
- NGOs working in the area of Disaster Relief
- the European Union and other government agents (especially from humanitarian aid, civil protection and health sectors)

Participation Fee

Participation fee: 420 CHF. incl. course material, coffee breaks, lunch, certification

Certification

Participants will receive a certificate which will be issued by the AO Foundation.

Recommendation for Participants

The workshop organisers highly recommend attending the AO courses taking place the week before or after the Saturdays' Emergency Surgery Workshop.

Continuous Education Outlook

The December 2011 workshop is only the first event of a set of subsequent joint efforts for continuous education in emergency surgery and medical emergency management to be organised by GRF Davos and its partners. GRF Davos will further integrate the topic of emergency surgery into its next International Disaster and Risk Conference **IDRC Davos 2012**, to be held 26 – 30 August 2012 in Davos, Switzerland. One of the focus areas of IDRC Davos 2012 are **Health Risks and Medical Response** and the **Guidelines for Emergency Surgery** to be elaborated at the workshop, will be presented to a broader audience. Other workshops and symposia covering further needs for improvements will follow.

Call for Posters

Participants interested in providing an insight in their work and experience will have the opportunity to present a poster.

You are kindly invited to submit the title of your poster to madeleine.colbert@grforum.org. Deadline for the submission of abstracts is **30 October 2011**. Notification of acceptance will be given by **10 November 2011**.

Preliminary Programme

Emergency Surgery Workshop 2011 <i>Emergency Surgery during Disaster Relief Activities - Surgery under Critical Environmental Conditions</i>	
Friday, 9 December 2011	
4 – 7 pm	Registration
6 pm	<i>Welcome Apero, Poster Session and Exhibition</i>
7:30 pm	Faculty Dinner
Saturday, 10 December 2011	
7:15 am	Registration, Welcome Coffee
8:15 am	<i>Introduction</i>
	<p>Dr Walter Ammann, President, Global Risk Forum GRF Davos, Davos, Switzerland <i>GRF Davos – The Role of Integrative Risk Management</i></p> <p>Prof Peter Matter, MD, former President, AO Foundation, Davos, Switzerland <i>AO Foundation and AO Disaster Relief Policy</i></p> <p>Prof Markus Furrer, MD, President, Academia Raetica and Head of Surgery Department, Cantonal Hospital Chur, Chur, Switzerland <i>Academia Raetica Welcome Address</i></p> <p>Prof Jürg Kesselring, MD, Member of the International Committee of the Red Cross ICRC, Valens, Switzerland <i>ICRC Welcome Address</i></p>
8:45 am	<i>Field Experiences and Decision Making</i>
	<p>Chair: Olivier Hagon, MD, Anaesthesiologist and Emergency Doctor HUG, Medical Director Swiss Humanitarian Aid Unit and Swiss Rescue, SDC Bern, Switzerland</p> <p><i>Context: Problems encountered during emergency surgery interventions in recent disaster relief activities (earthquakes in Haiti, Pakistan) and how to take decisions in critical situations under high personal, psychological, social, and environmental pressure will be presented and discussed.</i></p> <p>Waseem Saeed, MD, Consultant Plastic, Reconstructive and Aesthetic Surgeon, St James's University Hospital, Leeds, UK <i>Pakistan 2005 Earthquake</i></p> <p>Mahtab Poor Zamany, MD, Assistant Professor, Dep. of Anesthesia, Labbafinejad Hospital, Shaheed Beheshti University of Medical Sciences, Tehran, Iran <i>Bam Iran 2003 Earthquake</i></p> <p>Johan von Schreeb, MD, Senior Researcher in Disaster Medicine, Karolinska Institute and Co-Founder & Former President, MSF Sweden, Stockholm, Sweden <i>Haiti 2010 Earthquake</i></p> <p>Barbara Jemec, MD, Plastic Surgeon, Royal Free Hospital and Chairman, Overseas Service and Training Committee for BAPRAS, London, UK <i>Plastic Surgery after Earthquakes</i></p> <p>Prof Anthony Redmond, MD, Deputy Director, Humanitarian and Conflict Response Institute HCRI, University of Manchester, Manchester, UK <i>Appropriate Decision Making in Extreme Situations</i></p>

10:15 am	Coffee Break
10:45 am	<i>Surgical Support and Surgical Interventions</i>
	<p>Chair: Prof David Helfet, MD, Director, Orthopaedic Trauma Service, Hospital for Special Surgery HS, New York, USA</p> <p><i>Context: State of the art of surgical support and intervention in emergency situations</i></p> <p>Prof Christian Krettek, MD, Head of the Unit, Orthopaedic Clinic, Hannover Medical School, Hannover, Germany <i>Life- and Limb Saving</i></p> <p>Robert Seelos, MD, Head of Vascular Surgery, Cantonal Hospital Lucerne and Head of Vascular Surgery, Cantonal Hospital Zug, Switzerland <i>Vascular Surgery</i></p> <p>Prof Dankward Hoentzsch, MD, Trauma Surgeon, BG Trauma Center and University Tübingen, Tübingen, Germany <i>Appropriate Fracture Stabilization</i></p> <p>Prof René Baumgartner, MD, Emeritus Professor of Orthopaedic Surgery, Department of Prosthetics, University of Münster, Münster, Germany <i>Amputation</i></p> <p>Prof Paul Manson, MD, Professor of Plastic Surgery, Chief of Plastic Surgery, Department of Surgery, Johns Hopkins Medicine, Baltimore, Maryland, USA <i>Role of Plastic Surgery</i></p>
12:15 pm	<i>Lunch Discussions</i>
	<p><i>Discussions in small groups, lead by:</i></p> <p>Prof Frederick Burkle, MD, Senior Fellow & Scientist, the Harvard Humanitarian Initiative, Harvard School of Public Health, Kailua, HI, USA</p> <p>Prof Bernd Domres, MD, President, German Institute for Disaster Medicine, Stuttgart, Germany</p> <p>Olivier Hagon, MD, Anaesthesiologist and Emergency Doctor HUG, Medical Director Swiss Humanitarian Aid Unit and Swiss Rescue, SDC Bern, Switzerland</p> <p>Barbara Jemec, MD, Plastic Surgeon, Royal Free Hospital and Chairman, Overseas Service and Training Committee for BAPRAS, London, UK</p> <p>Manjul Joshipura, MD, Scientist, Violence and Injury Prevention and Disability (VIP), WHO, Geneva, Switzerland</p> <p>Prof Sten Lennquist, MD, Chairman of ESTES's section for Disaster & Military Surgery, Sweden</p> <p>Wilson Li, MD, Consultant Orthopaedic Surgeon, Department of Orthopaedics & Traumatology, Queen Elizabeth Hospital and AO Disaster Relief Surgery Task Force Member, Hong Kong</p> <p>Prof Ingo Marzi, MD, President, European Society for Trauma and Emergency Surgery (ESTES), Vienna, Austria</p>

1:30 pm	<p><i>Ethics, Triage and Guidelines for Emergency Surgery</i></p>
	<p>Chair: Prof Ingo Marzi, MD, President, European Society for Trauma and Emergency Surgery (ESTES), Vienna, Austria</p> <p><i>Context: Strategic planning for therapeutically activities, best practice examples and ethical aspects (e.g. gender, age, religious and cultural background, etc.) in emergency surgery</i></p> <p>Prof Bernd Domres, MD, President, German Institute for Disaster Medicine, Stuttgart, Germany <i>Ethics and Triage in Humanitarian Missions</i></p> <p>Prof Sten Lennquist, MD, Chairman of ESTES’s section for Disaster & Military Surgery, Sweden <i>Guidelines for Emergency Surgery in Major Incidents</i></p> <p>Manjul Joshipura, MD, Scientist, Violence and Injury Prevention and Disability (VIP), WHO, Geneva, Switzerland <i>Guidelines for Essential Trauma Care</i></p>
2:40 pm	<p><i>Planning for Disaster Relief</i></p>
	<p>Chair: Prof Bernd Domres, MD, President, German Institute for Disaster Medicine, Stuttgart, Germany</p> <p><i>Context: Disaster relief activities need proper planning and preparation. Logistic support, accountability, quality control and reporting are important issues. Foreign medical intervention teams need to be well prepared and trained. Guidelines to follow help to make appropriate decisions. The workshop aims to provide input to WHO’s recently established Foreign Medical Teams Working Group to work with the Global Health Cluster to promote registration of providers and a set of core competencies.</i></p> <p>Johan von Schreeb, MD, Senior Researcher in Disaster Medicine, Karolinska Institute and Co-Founder & Former President, MSF Sweden, Stockholm, Sweden <i>Assessment for Possible Involvement in the Disaster Area</i></p> <p>Prof Sten Lennquist, MD, Chairman of ESTES’s section for Disaster & Military Surgery, Sweden <i>Training of Medical Staff for Major Incident Response</i></p> <p>Prof Frederick Burkle, MD, Senior Fellow & Scientist, the Harvard Humanitarian Initiative, Harvard School of Public Health, Kailua, HI, USA <i>Accountability & Accreditation of Emergency Surgery Providers</i></p> <p>Olivier Hagon, MD, Anaesthesiologist and Emergency Doctor HUG, Medical Director Swiss Humanitarian Aid Unit and Swiss Rescue, SDC Bern, Switzerland <i>Logistics</i></p> <p>Prof Anthony Redmond, MD, Deputy Director, Humanitarian and Conflict Response Institute HCRI, University of Manchester, Manchester, UK <i>The Foreign Medical Teams Working Group and Registration of Teams, the Role of UNDAC, INSARAG, the Global Health Cluster</i></p>
4:00 pm	<p>Coffee Break</p>

4:30 pm	Round Table
	<p>Chair: Prof David Helfet, MD, Director, Orthopaedic Trauma Service, Hospital for Special Surgery HS, New York, USA</p> <p><i>Discussion and Consensus on Recommendations (Guidelines) for “Emergency Surgery for Disaster Relief”</i></p> <p>Manjul Joshipura, MD, Scientist, Violence and Injury Prevention and Disability (VIP), WHO, Geneva, Switzerland</p> <p>Prof Jürg Kesselring, MD, Member of the International Committee of the Red Cross ICRC, Valens, Switzerland</p> <p>Prof Anthony Redmond, MD, Deputy Director, Humanitarian and Conflict Response Institute HCRI, University of Manchester, Manchester, UK</p> <p>Waseem Saeed, MD, Consultant Plastic, Reconstructive and Aesthetic Surgeon, St James’s University Hospital, Leeds, UK</p> <p>Mahtab Poor Zamany, MD, Assistant Professor, Department of Anesthesia, Labbafinejad Hospital, Shaheed Beheshti University of Medical Sciences, Tehran, Iran</p>
5:30 pm	Future Challenges
	<p>Prof Frederick Burkle, MD, Senior Fellow & Scientist, the Harvard Humanitarian Initiative, Harvard School of Public Health, Kailua, HI, USA</p> <p><i>Future Humanitarian Crises: 21st Century Challenges to Surgical Practice and Policy</i></p>
6:00 pm	End of the Workshop



Faculty Members

Dr Walter Ammann, President, Global Risk Forum GRF Davos, Davos, Switzerland

Prof René Baumgartner, MD, Emeritus Professor of Orthopaedic Surgery, Department of Prosthetics, Orthotics and Rehabilitation, University of Münster, Münster, Germany

Prof Frederick Burkle, MD, Senior Fellow & Scientist, the Harvard Humanitarian Initiative, Harvard School of Public Health and Senior Associate and Research Scientist, Center for Refugee & Disaster Response, Johns Hopkins University Medical Institutes, Kailua, HI, USA

Prof Bernd Domres, MD, President, German Institute for Disaster Medicine and President, Foundation of the German Institute for Disaster Medicine, Stuttgart, Germany

Prof Markus Furrer, MD, President, Academia Raetica and Head of Surgery Department, Cantonal Hospital Chur, Chur, Switzerland

Olivier Hagon, MD, Anaesthesiologist and Emergency Doctor HUG, Medical Director Swiss Humanitarian Aid Unit and Swiss Rescue, SDC Bern, Switzerland

Prof David Helfet, MD, Director, Orthopaedic Trauma Service, Hospital for Special Surgery HS, New York, USA

Prof Dankward Hoentzsch, MD, Trauma Surgeon, BG Trauma Center and University Tübingen, Tübingen, Germany

Barbara Jemec, MD, Plastic Surgeon, Royal Free Hospital and Chairman, Overseas Service and Training Committee for BAPRAS, London, UK

Manjul Joshipura, MD, Scientist, Violence and Injury Prevention and Disability (VIP), WHO, Geneva, Switzerland

Prof Jürg Kesselring, MD, Head of Department, Department of Neurology & Neurorehabilitation, Rehabilitation Centre Valens and Member of the International Committee of the Red Cross ICRC, Valens, Switzerland

Prof Christian Krettek, MD, Head of the Unit, Orthopaedic Clinic, Hannover Medical School, Hannover, Germany

Prof Sten Lennquist, MD, Chairman of ESTES's section for Disaster & Military Surgery, Sweden

Wilson Li, MD, Consultant Orthopaedic Surgeon, Department of Orthopaedics & Traumatology, Queen Elizabeth Hospital and AO Disaster Relief Surgery Task Force Member, Hong Kong

Prof Paul Manson, MD, Professor of Plastic Surgery, Chief of Plastic Surgery, Department of Surgery, Johns Hopkins Medicine, Baltimore, Maryland, USA

Prof Ingo Marzi, MD, President, European Society for Trauma and Emergency Surgery (ESTES), Vienna, Austria

Prof Peter Matter, MD, former President, AO Foundation, Davos, Switzerland

Prof Anthony Redmond, MD, Deputy Director, Humanitarian and Conflict Response Institute HCRI, University of Manchester, Manchester, UK

Waseem Saeed, MD, Consultant Plastic, Reconstructive and Aesthetic Surgeon, St James's University Hospital, Leeds, UK

Robert Seelos, MD, Head of Vascular Surgery, Cantonal Hospital Lucerne and Head of Vascular Surgery, Cantonal Hospital Zug, Switzerland

Johan von Schreeb, MD, Senior Researcher in Disaster Medicine, Karolinska Institute and Co-Founder & Former President, MSF Sweden, Stockholm, Sweden

Mahtab Poor Zamany, MD, Assistant Professor, Department of Anesthesia, Labbafinejad Hospital, Shaheed Beheshti University of Medical Sciences, Tehran, Iran

Honorary Chair

Prof Peter Matter, MD, Former President AO Foundation, Davos, Switzerland

Scientific Chairmen

Prof David Helfet, MD, Director, Orthopaedic Trauma Service, Hospital for Special Surgery HS, New York, USA

Prof Anthony Redmond, MD, Deputy Director, Humanitarian and Conflict Response Institute HCRI, University of Manchester, Manchester, UK

Dr Walter J. Ammann, President, Global Risk Forum GRF Davos, Davos, Switzerland



Organised by

Global Risk Forum GRF Davos, Davos, Switzerland

AO Foundation/ AO Disaster Relief Task Force, Davos, Switzerland

Humanitarian and Conflict Response Institute HCRI, University of Manchester, UK

Administration

Global Risk Forum GRF Davos, Davos, Switzerland

Local Organising Committee

Dr Walter J. Ammann, President GRF Davos, Davos, Switzerland (Chair)

Prof Peter Matter, MD, Former President AO Foundation, Davos, Switzerland (Co-Chair)

Mary Gubser, AO Foundation, Davos, Switzerland

Madeleine Colbert, GRF Davos, Davos, Switzerland

Detlef Janssen, AO Foundation, Davos, Switzerland

Jill Portmann, GRF Davos, Davos, Switzerland

In Close Collaboration with

Karolinska Institute, Stockholm, Sweden

Harvard Humanitarian Initiative, Cambridge, MA, USA

Supported by

British Orthopaedic Association (BOA), London, UK

British Association of Plastic and Aesthetic Surgeons (BAPRAS), London, UK

Board of the Royal College of Surgeons of England, London, UK

European Society for Trauma and Emergency Surgery (ESTES), Vienna, Austria

The International Emergency Management Society (TIEMS), Brussels, Belgium

World Association for Disaster and Emergency Medicine (WADEM), Madison, WI, USA

Swiss Agency for Development and Cooperation (SDC), Bern, Switzerland

Date

The Emergency Surgery Workshop will take place on Saturday, 10 December 2011, between the two AO Training Courses, and shall attract participants from both AO course weeks.

Location

Davos Congress Centre
Promenade 92
7270 Davos Platz



Travel

Davos is easily accessible from different airports by train or car. The closest airport is the Zurich International Airport, served by most airlines.

Travel times

From airport Zurich (160 km)

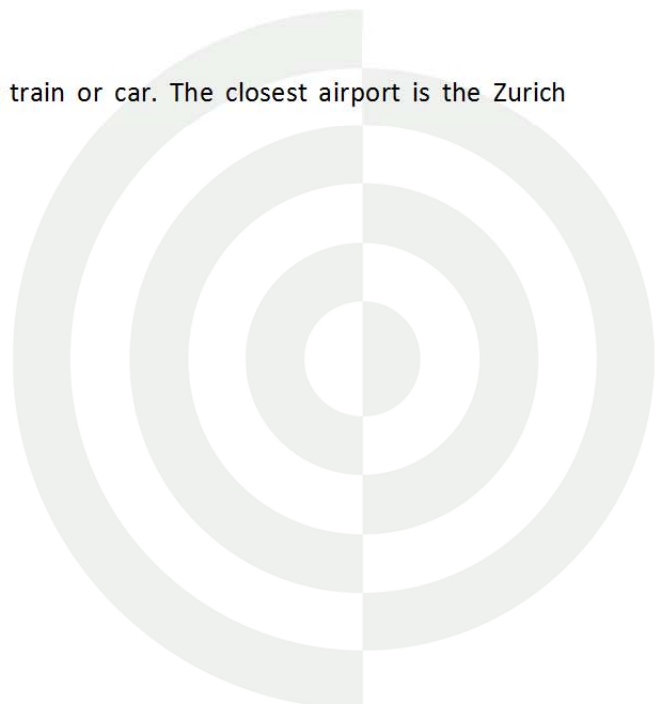
- 2 h by car
- 2.30 h by train

From airport St. Gallen, Altenrhein

- 1.30 h by car
- 2.45 h by train

From airport Friedrichshafen (Germany)

- 2.30 h by car
- 4.15 h by train



From Milano Malpensa Airport (Italy)

- 3.00 h by car
- 4.45 h by train

From Innsbruck Airport (Austria)

- 2.30 h by car
- 4.30 h by train

For detailed train schedules visit the [website of the Swiss Railway](#).

Arriving by car from north or south simply take the highway to Landquart (direction Chur) and exit "Davos/Landquart".

Accommodation

With over 20'000 beds in accommodation there is something to suit every budget, from self-catering to 5* hotels, and nearly 100 restaurants serving Swiss and international cuisine.

For more information and assistance in finding the right accommodation please contact Davos Tourism at info@davos.ch.

Contact

For more information about the Emergency Surgery Workshop Davos 2011 please visit our website www.grforum.org or contact us at madeleine.colbert@grforum.org

