Health Surveillance
NATO Conference
26-28 June 2012
Munich | Germany

Health Surveillance in Modern Military Medicine: Technologies, Methods and Perspectives

hosted by Bundeswehr Medical Academy, Munich

organized and sponsored by

NATO Centre of Excellence for Military Medicine Deployment Health Surveillance Capability (NATO MILMED COE DHSC)

The United States Armed Forces Health Surveillance Center (AFHSC)

Centre d’Épidémiologie et de Santé Publique des Armées (CESPA)

The German Society of Military Medicine and Pharmacy (GSMMP/DGWMP)
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Dear Colleagues,

Military Deployment Health Surveillance has gained significant importance throughout the last years. After recent experiences in the African theatres as well as in Iraq and Afghanistan the timely monitoring of health threats to soldiers in mission is of crucial importance for their ability to fight as well as for their wellbeing in theatre and quality of life back home. Real- or near real time surveillance techniques enable military commanders to react on e.g. infectious diseases’ outbreaks and to manage them accordingly. Modern surveillance techniques do not only identify threats caused by artificially released infectious agents but also support the management of naturally occurring events like the SARS or H1/N 1 flu outbreak in the past. During the last years laboratory based surveillance has been amended by approaches of syndromic surveillance. Meanwhile both complement each other, are implemented in the force health protection strategies of various countries and are based on an international civil-military expert network. On the NATO level the need for military deployment health surveillance expertise has led to the implementation of a Deployment Health Surveillance Capability (DHSC) in Munich, which is an integral part of the NATO Centre of Excellence for Military Medicine (MILMED COE).

However, Deployment Health Surveillance is not exclusively restricted to infectious diseases but is also related to the large field of trauma care and all efforts to improve the treatment quality for physically or psychologically wounded soldiers.

The 2012 Munich conference on health surveillance for multinational military deployments will be organized by the US Armed Forces Health Surveillance Centre, the NATO MILMED COE, Centre d’Épidémiologie et de Santé Publique des Armées (CESPA) and the German Society for Military Medicine and Pharmacy (GSMMP/DGWMP). It will address a broad field of related topics; give a forum to the international military and civilian experts to exchange their lessons and experiences and to encourage them to strengthen their network.

It would be our pleasure to welcome you in Munich attending our conference from the 26 – 28. June 2012.

Sincerely,

Col. (MC) Dr. Thomas Harbaum (DEU)
Conference Chairperson
NATO Centre of Excellence for Military Medicine (MILMED COE)
Dear Colleagues and Friends,

For the military Public Health community, Deployment Health Surveillance is one of the main pillars of development and one of our first priorities. The French « Centre d’Épidémiologie et de Santé Publique des Armées » (CESPA) has worked on this topic for many years. Among the tools we developed, the « Alerte et Surveillance en Temps Réel » (ASTER) system was created for French Armed Forces but also for NATO partners. We will be happy to present you during the Health Surveillance NATO Conference in Munich the last results and developments of this system and also to share our experiences with colleagues and friends. So I would like to warmly welcome everyone to this meeting and I am sure that it will be profitable for all involved NATO countries.

Col Xavier Deparis, MD, MPH  
Deputy Director  
Centre d’Épidémiologie et de Santé Publique des Armées  
Marseille, France
Dear participants from home and abroad,
A very warm welcome to all of you to the first NATO Health Surveillance Conference in MUNICH!

This conference is organised by the German Society for Military Medicine and Pharmacy in BONN (GSMMP/DGWMP), together with the Bundeswehr Medical Academy in MUNICH (SanAkBw), the United States Armed Forces Health Surveillance Centre in SILVER SPRING (AFHSC), Centre d’Epidémiologie et de Santé Publique des Armées in MARSEILLE (CESPA) and the NATO Centre of Excellence for Military Deployment Health Surveillance Capability in BUDAPEST (NATO MILMED COE DHSC).

As president of a Military Medical society with an almost 150 year long tradition I am happy to contribute to this international Conference. From war history we know, that infectious diseases among soldiers caused many times the loss of more lives than the battle itself. Prevention – and Health Surveillance is the most effective instrument – is even in contemporary war scenarios of greatest importance.

Thanks to modern communication systems, to advanced statistical methods, to out-break models and to a fast working biological detecting technology we have to learn, how to use these data and how to process them effectively for the military decision making process.

We expect from the expert speakers to pass on their knowledge. So, all participants have the great chance to update their knowledge in modern Health Surveillance methodology. And if we identify unsolved problems, we hope to draw not only the interest but also the support of military leaders to be able to develop future solutions.

I would be happy if at the end of the day, after an intensive exchange and discussion of our views and experience with colleagues from other countries, our contact net-work will be strengthened and ready to face challenges.

I wish the conference all success and hope you all enjoy your stay in MUNICH.

Dr. Christoph Veit, M.D.
Brigadier General (ret.)
President of the GSMMP/DGWMP

German Society for Military Medicine and Pharmacy in BONN (GSMMP/DGWMP)
### MONDAY, 25 JUNE 2012

<table>
<thead>
<tr>
<th>TIME</th>
<th>REGISTRATION</th>
<th>CONFERENCE OFFICE</th>
<th>FOYER</th>
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<tbody>
<tr>
<td>13.00</td>
<td>Meeting of the Organizers</td>
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<tr>
<td>14.00</td>
<td>Registration /Check-in</td>
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<td>15.00</td>
<td>Military accommodation</td>
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<td>19.00</td>
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<td>21.00</td>
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<td>The conference office is located in the lecture hall, Entry B, Room 13</td>
<td>Industrial Exhibition Set up time: 15.00-19.00</td>
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### TUESDAY, 26 JUNE 2012

<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>MOD/SPEAKER</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Registration /Check-in</td>
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<td>Final booth preparation: 09:00-11:00</td>
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<tr>
<td>10:00</td>
<td>Speaker Briefing</td>
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<td>13:00</td>
<td>Admin Remarks</td>
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<tr>
<td>13:15</td>
<td>Opening Ceremony</td>
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<td>13:30</td>
<td>Group Photo</td>
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<tr>
<td>13:45</td>
<td>Health threat risk assessment process</td>
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<td>14:10</td>
<td>Epidemiologic information system</td>
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<td>14:40</td>
<td>NATO health surveillance experience in Afghanistan</td>
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<tr>
<td>15:30</td>
<td>Panel Discussion</td>
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<tr>
<td>16:00</td>
<td>Coffee break and visit of industrial exhibition</td>
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<tr>
<td>16:30</td>
<td>Syndromic surveillance concepts</td>
<td>MOD: Major (MAJ) Christopher Perdue (USAHSC)</td>
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<tr>
<td>16:50</td>
<td>Design and planned use of ASTER</td>
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<td>17:10</td>
<td>Experiences with ASTER in pilot projects</td>
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<td>17:30</td>
<td>Panel Discussion</td>
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<tr>
<td>18:00</td>
<td>Welcoming Reception of the German Society for Military Medicine and Pharmacy</td>
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<td>Industrial Exhibition</td>
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<td>22:00</td>
<td>Buses Departure to the Hotels</td>
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<td>TIME</td>
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<tr>
<td>08:15</td>
<td>Buses Depart for the Medical Academy</td>
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<td>08:45</td>
<td>Admin Remarks</td>
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<tr>
<td>09:00</td>
<td>Perception of ASTER data entry requirements during a deployment in Djibouti</td>
<td><strong>MOD: COL</strong> Jean-Baptiste Meynard</td>
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<td>09:20</td>
<td>Perception and uses of deployment health surveillance data in the 2010 KFOR DHSC experiment</td>
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<td>09:40</td>
<td>Developments in multi-national deployment health surveillance NATO</td>
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<td>10:00</td>
<td>Panel Discussion</td>
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<td>Coffee break and visit of industrial exhibition</td>
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<tr>
<td>11:00</td>
<td>Speaker 1 (outbreak investig. case)</td>
<td><strong>MOD: COL</strong> Xavier Deparis</td>
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<td>11:30</td>
<td>Speaker 2 (Ebola)</td>
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<td>12:00</td>
<td>GOARN experiences</td>
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<td>10:00</td>
<td>Panel Discussion</td>
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<tr>
<td>13:30-15:00</td>
<td>Lunch and visit of industrial exhibition</td>
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<tr>
<td>15:00</td>
<td>Sharing multi-national health surveillance data at the local, regional, national and international levels</td>
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<td>15:20</td>
<td>Fundamental of the International Health Regulations, 2009</td>
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<td>15:50</td>
<td>Airport management of outbreaks (SARS / H5N1)</td>
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<td>16:30</td>
<td>Panel Discussion</td>
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<tr>
<td>17:30</td>
<td>Social Event / Barbecue</td>
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<td>22:00</td>
<td>Buses Departure to the Hotels</td>
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**Social Events**

of the **German Society for Military Medicine and Pharmacy**

**Tuesday, 26th June**  
**Welcoming Reception**

**Wednesday, 27th June**  
**Barbecue**

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**Venue & Date**

**Bundeswehr Medical Academy**  
Ernst von Bergmann Barracks, Lecture Hall  
Neuherbergstrasse 11, D-80937 Munich, Germany,  
June 26-28, 2012

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**PRELIMINARY PROGRAM**

(subject to change)

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**THURSDAY, 28 JUNE 2012**

<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>MOD/SPEAKER</th>
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<tbody>
<tr>
<td>08:15</td>
<td>Buses Depart for the Medical Academy</td>
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<td>08:45</td>
<td>Admin Remarks</td>
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<td></td>
<td><strong>SESSION 6</strong>&lt;br&gt;Methods for Responding to Threats</td>
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<tr>
<td>09:00</td>
<td>Norway's Rapidly Deployable Outbreak Investigation Team</td>
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<td>09:15</td>
<td>Using the US DoD Serum Repository to Evaluate Health Threats</td>
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<td>09:30</td>
<td>Rapid Deployable Biolab</td>
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<td>09:45</td>
<td>Panel Discussion</td>
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<td>10:15</td>
<td>Coffee break and visit of industrial exhibition</td>
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<td><strong>SESSION 7</strong>&lt;br&gt;Policy and Regulations</td>
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<td>10:45</td>
<td>Pandemic H1N1 2009: a policy case study in sharing a PHEIC in a multinational deployed setting</td>
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<td>11:15</td>
<td>EHEC in DEU: LL</td>
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<td>11:45</td>
<td>Experiences with Infectious disease Teleconsultation</td>
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<td>12:15</td>
<td>Panel Discussion</td>
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<td>12:45</td>
<td>Closing remarks</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
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Conference Chairs
COL Xavier Deparis and COL Jean-Baptiste Meynard (France)
Gen (ret.) László Svéd and COL István Kopcsó (Hungary)
COL Thomas Harbaum and COL Hans-Ulrich Holtherm (Germany)
COL Robert Lipnick (United States)

Purpose
Promote coordinated collection, analysis, reporting, utilization and management of health-related deployment data during multinational military operations.

Participants
Military medical and public health professionals from NATO and non-NATO countries involved with deployment health surveillance systems, as well as disease event reporting and analysis.

Main Topics
- Health threats to deployed military forces
- Technologies for health surveillance
- Existing medical and public health systems in the deployed environment
- Building responsive analytical capabilities
- Utilizing surveillance data in the decision making process
- Challenges to sharing health and operational information across nations

Objectives
- Discuss existing technologies and identify deficiencies (and solutions) for conducting health surveillance in deployed forces.
- Describe national approaches to health care, health surveillance and public health services in deployed environments.
- Identify the critical information needed to conduct effective multinational health surveillance.
- Identify necessary changes to health policy, military regulations and national laws that will be required in order to conduct multinational health surveillance in deployed military forces.
- Describe the reporting mechanisms and key recipients for health surveillance reports as well as potential outbreak alerts.
- Identify key personnel including external organizations who are available to assist in responding to a public health threat.
- Identify the options for reporting and sharing of outcomes.
- Describe how surveillance data can be utilized effectively to guide the decision making process.
Industrial Exhibition
The conference will be accompanied by an industrial exhibition to be organized by the German Society of Military Medicine and Pharmacy.

Conference Language
The official conference language will be English.

Registration & Conference Website
Please refer to the conference website http://events.bsbb.de/event/healthsurveillance/Home.html for more detailed information. Registration will be open at the end of February 2012. The registration deadline is May 15, 2012.

Accommodation
A limited number of rooms are available free of charge in close neighborhood to the lecture hall on the premises of the Bundeswehr Medical Academy. Military and governmental participants will be given priority. Limited numbers of rooms offered at special conference rates have also been reserved in various hotels and can be booked by registered participants. Further details are provided on the conference website.

Travel & Transfer
Travel and transfer information is provided online on the conference website.

Supported by

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Conference Contact
For content and agenda enquiries
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NATO Centre of Excellence for Military Medicine
dir.aide@coemed.org, T +36-1-8830101

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- exhibition organization
- address research
- floor management
- venue sourcing & site inspection
- booth design & construction
- costs & budgeting
- advertising concept & design
- publicity & promotion
- event branding
- promotional materials
- media schedule & booking
- database management
- press conference & launching
- VIP protocol
- suppliers’ contracting & coordination
- event directory publication
- speakers hospitality
- business matching
- product presentations & workshops
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- hotel & accommodation booking
- delegate registration
- floorplan design
- audience profiling
- post-show report
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