

Thursday, 19.10.2023

08:30 - 10:00 h

Presidential Advisory Board meeting

10:30 - 11:45 a.m.

Congress opening

10:30 - 10:35 a.m.

Musical Entrance HMK Ulm

10:35 - 10:40 a.m.

Welcome

Conference President OSA Dr. Sonja Förster

10:40 - 10:45 a.m.

Greeting

Patron Minister Manfred Lucha, MdL

10:45 - 10:50 a.m.

Greeting

Lord Mayor Gunter Czisch

10:50 - 10:55 a.m.

Greeting

Reiner Scheffold, District Administrator Alt-Donau-Kreis

10:55 - 11:00 a.m.

Greeting

Dean Prof. Dr. Thomas Wirth, University of Ulm

11:00 - 11:10 a.m.

Greeting

Prof. Dr.-Ing. Eva-Maria Kern, President of the University of the Federal Armed Forces Munich

11:10 - 11:25 a.m.

Greeting

Lieutenant General Alexander Sollfrank, JSEC/MNJHQ Ulm

11:25 - 11:35 a.m.

Congress opening

GSA (ret.) Dr. Stephan Schoeps, President of the DGWMP e. V.

11:35 - 11:45 a.m.

Musical Intermezzo HMK Ulm

11:45 - 11:50 a.m.

Introduction of the keynote speaker Dr. Hans-Peter Bartels

OFA Dr. Guido Mühlmeier

11:50 - 12:30

Keynote address

Dr Hans-Peter Bartels

12:30 - 12:35 p.m.

Musical conclusion HMK Ulm

12:35 - 13:15

Opening of industrial exhibition with official tour

13:15 - 13:45

Lunch break and visit to industrial exhibition

13:00 - 13:30 LAGO Hotel, Park Room

Press conference

13:45 - 15:15

Plenary session 1 "Active. Attractive. Different."

Chair: Wiss. Dir. Dr. G. Richter (Potsdam), OSA Dr. S. Förster (Ulm), OFA Dr. G. Mühlmeier (Ulm)

13:45 - 14:15

Attractiveness of the Bundeswehr as an employer. What is scientifically sound?

Wiss. Dir. Dr. G. Richter

14:15 - 15:15 hrs

Panel discussion - Personnel retention and recruitment

GSA Dr. R. Hoffmann, GA Dr. J. Backus, OTA Dr. Grella, Dr. W. Miller (President LÄK Baden-Württemberg), Dr. L. Immisch (Hensoldt), A. Burkhard (TEVA), OTA Prof. Dr. A. Suda

Keynote speeches

White Paper of NATO

OTA D. Mayer, Brussels

Why become an emergency nurse?

SF M. Herm, Ulm

Physician Assistant - A Model for the German Armed Forces?

G. Keller, CH

Performance with fewer staff in the dental practice

OFA Dr. G. Gutsche, Koblenz

15:15 - 16:00

Coffee break and visit to industrial exhibition

16:00 - 18:00

Plenary session 2 "Division 2025 - All in or all out?"

Chair: GA Dr. J. Backus, OTA Prof. Dr. B. Friemert, OTA Prof. Dr. M. Kulla (Ulm)

16:00 - 16:20

Conception Division 2025 from a superordinate point of view

GA Dr. J. Backus, Ulm

16:20 - 16:30

Division 2025 from the perspective of a SanRgt

OTA Dr. B. Beuermann, Dornstadt

16:30 - 16:45

NATO perspective of patient flow management and digital support

O J. Muntenaar, MMCC Koblenz

16:45 - 16:55

Force Health Protection

OTV Dr. K. Roßmann, Munich

16:55 - 17:10

BwKrhs system network - balancing act between front and home

OTA Prof. Dr. B. Friemert, Ulm

17:10 - 17:20

Operational anaesthesia - current mission and vision

OTA Prof. Dr. M. Kulla, Ulm

17:20 - 17:30

Digitalisation of Dutch Military Health Care in Everyday Life and Operations

O J. Muntenaar, OFAp Y. Siebert, MMCC Koblenz

17:30 - 17:40

Protected, highly mobile and digital: requirements for tomorrow's medical equipment

A. Özdin, Immenstaad

Presentations with current relevance to the work of the ambulance service:

17:40 - 17:50

Insights of the Ukraine war for the Bundeswehr medical service

OTA Dr. K. Schmidt, Koblenz

17:50 - 18:00

Evacuation mission Sudan - Lessons learned

OFA Dr. K. Schwabe, Ulm

Friday, 20.10.2023

08:30 -10:30 h

Plenary Session 3 "Science in the Medical Service

Chair: Prof. Dr. K. Steinestel, Ulm, Prof. Dr. M. Hofmann, Munich

08:30 - 08:40

Medical A-Protection - Preparations at BwKrhs Ulm against the background of the current threat situation

OTA Dr. B. Klemenz, Ulm

08:40 - 08:50

Autologous stem cell transplantation - a model for radiation patients

OTA Dr. T. Mayer, Ulm

08:50 - 09:00 h

Virtual Reality in Medicine

Prof. Dr. M. Hofmann, Munich

09:00 - 09:10

Complicated fractures: Use of radiomics in dynamic <sup>18</sup>F-NaF PET/CT for bone vitality assessment

OFA Dr. M. Grunert, Ulm, Prof. Dr. M. Hofmann, Munich

09:10 - 09:20

Cardiodiagnostics in nuclear medicine

OFA Dr. G. Braunegger, Koblenz

09:20 - 09:25

Discussion

09:25 - 09:35

Caenorhabditis elegans as a model system for in vivo toxicological studies of chemical warfare agents

H. Mack, S. Rothmiller, F. Worek, D. Steinritz, Munich

09:35 - 09:45

Outcome of Laparoscopic versus Open Appendectomy for Acute Appendicitis - Results of a Propensity Score Matching Analysis of 542 patients and Consequences for the Military Surgeon

OFA Priv.-Doz. Dr. C. Beltzer, Ulm

09:45 - 09:55 h

Current data on care and outcome after traumatic brain injury based on the traumatic brain injury register

OFA Dr. M. Scheer, Ulm

09:55 - 10:05 hrs

Molecular tumour board in the German Armed Forces

OSA Dr. H. Witte, Ulm

10:05 - 10:15 a.m.

Obstructive sleep apnoea - possibilities of diagnostics and therapy using the example of the German Armed Forces Hospital Ulm

FTLA Dr. T. Evers, Ulm

10:15 - 10:25 a.m.

Differential diagnosis of thrombotic microangiopathies

Prof. Dr. Jörg Latus, Stuttgart

10:25 - 10:30 a.m.

Discussion

10:30 - 11:00 a.m.

Coffee break and visit to industrial exhibition

10:30 - 13:00

Plenary Session 4 "Young Paramedics

Chair: OFA Priv.-Doz. Dr. C. Beltzer, Ulm, FTLA Dr. A. Westerfeld, Hamburg, Lt. SanOA S. Simon, Bonn

10:30 - 10:40 a.m.

Medical informatics further training cooperation between Kdo SanDstBw and University Hospital Bonn: background and first experiences

OSA C. Kraft, A.-B. Hilleke, T. Hornung, J. Backus, S. Zenker, Koblenz/Bonn/Ulm

10:40 - 10:50 h

The metabolic response in the context of burn-associated shock as an outcome predictor

OSA Dr M. Feth, US Army Institute of Surgical Research, San Antonio, Texas, USA

10:50 - 11:00 a.m.

BGM - Influence of subjective work-related stress on mental health in the German Armed Forces

H C. Dickob, Koblenz

11:00 - 11:10 a.m.

Smokeless nicotine products - health risks with relevance to the German Armed Forces: Consumer protection and health protection

OSAp S. Strebe, S. Rommel, B. Mey, Munich

11:10 - 11:20 a.m.

HumHi TUR - Experiences and thoughts on the importance of internal medicine

OSA Dr. C. Birner, Ulm

11:20 - 11:25 a.m.

Discussion

11:25 - 11:35 a.m.

Preparing phage for therapy in infections with multidrug resistant Klebsiella pneumonia: the IMB protocol

SV J. Stender, S. Würstle, S. Eckstein, D. Friese, K. Vogele, J. A. Hammerl, R. Wölfel, J. J. Bugert, Munich/Berlin

11:35 - 11:45 a.m.

Post-COVID study of the German Armed Forces of the InstPrävMedBw Koblenz, the German Sport University Cologne and the BwZKrhs Koblenz

OSA L. Stratmann, F. Müller, Koblenz

11:45 - 11:55 a.m.

Turnaround instead of career end: Sport after Covid 19

OSA Dr. P. Büchele, Ulm

11:55 - 12:05 h

Primary headaches in the armed forces: prevalence and significance

OFA Dr. U. Müller, H. Göbel, J. Metrikat, H. Witte, C. Göbel, Ulm/Kiel



12:05 - 12:15 h

Slaughterhouse kidney model to teach contrast-enhanced ultrasound in trauma

OFA Dr. C. Richter, Ulm

12:15 - 12:25

Cardiac echocardiography for general practitioners in use

OFA Dr. L. Scheit, Hamburg

12:25 - 12:30

Discussion

12:30 - 13:30

Lunch break and visit to industrial exhibition

13:00 - 15:00

Heinz-Gerngroß-Förderpreis

Chair: retired GA Prof. Dr. H. P. Becker, GSA Dr. H.-U. Holtherm

15:00 - 16:30

Poster presentation - short talks

Chair: GA (ret.) Prof. Dr. H. P. Becker, OTA Prof. Dr. D. Steinritz (Koblenz, Munich)

Institute research of the German Armed Forces

15:00 - 15:05

P 1: Antibodies for the therapy of intoxication with highly potent opioids - treatment option in a military context?

N. Amend, F. Worek, A. Breit, F. Endt, D. Steinritz, Munich

15:05 - 15:10

P 2: Expression of the broad spectrum antiviral Griffithsin in human cells: looking for a selective window

A. Stach, F. Hucke, L. Unger, J. J. Bugert, Munich, Germany

15:10 - 15:15

P 3: Heterocellular spheroids as a new model for antiviral testing at the blood-brain-barrier (BBB)

L. Gawenda, N. Bayer, K. Freimüller, L. Peintner, R. Wölfel, J.J. Bugert, Munich, Germany

15:15 - 15:20

P 4: Modified Appelmans protocol for in vitro *Klebsiella pneumoniae* phage host range expansion leads to induction of a novel temperate linear plasmid prophage vB\_tLPPP-KpLi5

N. Jakob, A. A. Filippov, B. E. Swierczewski, D. E. Ellison, R. Wölfel, J. J. Bugert, Munich/Silver Spring, USA)

15:20 - 15:25

P 5: Highly purified receptor-containing membrane fragments from *Tetronarce californica* for screening potential agents for the treatment of nerve agent intoxication

F. Springer, A. Brüser, T. Seeger, D. Steinritz, F. Worek, L. Meinel, K. V. Niesen, Munich/Würzburg

15:25 - 15:30

P 6: Sulphur rust induced senescence in human mesenchymal stem cells under the influence of potential drugs

A. Neu, D. Steinritz, F. Worek, A. Schmidt, S. Rothmiller, Munich

15:30 - 15:35

P 7: New methods in forensics: Bioanalytical detection of combat agent exposure via modified hair proteins

H. John, W. Schmeißer, T. Lindl, H. Reuter, M. Schrader, H. Thiermann, Munich/Freising

15:35 - 15:40

P 8: Patch clamp technology - an efficient method for screening receptor-active substances

L. Molitor, F. Worek, T. Seeger, Munich

## Health facilities

15:40 - 15:45

P 9: Measurement of concentration and executive control: Method development for the clinical context

B. Könemann, A. Witzki, M. A. Hoffmann, Koblenz

15:45 - 15:50

P 10: 4 years of multimodal pain therapy at the BwKrhs Ulm - A retrospective analysis

P. Heinz, Ulm

15:50 - 15:55

P 11: Cervicofacial necrotising fasciitis of non-odontogenic origin

F. Dudde, M. Kriebich, K. O. Henkel, F. Barbarewicz, Hamburg

15:55 - 16:00

P 12: Exchange everyday frustration for performance - therapy options for the "POST-COVID syndrome" (PACS)

D. Gagiannis, Ulm

16:00 - 16:05

P 13: Case report from the HumHi mission in Turkey 2023

M. Barby, C. Bopp, D. Schröder, Ulm/Hamburg/Koblenz

16:05 - 16:10

P 14: Cranioplasty - Under elective and military conditions

D. Puckhaber, M. Scheer, U. M. Mauer, C. Schulz, Ulm

16:10 - 16:15

P 15: Potential of explorative burr hole trephination in severe SHT - Systematic literature review and virtual study on the frequency of detectable intracranial haematoma findings

C. Schulz, R. Mathieu, U.M. Mauer, C. Hackenbruch, M. Scheer, Ulm, Germany

16:15 - 16:20

P 16: COVID-19 vaccine associated thrombosis with and without thrombocytopenia

C. Neumann, Ulm

16:20 - 16:25

P 17: Forward Air Medivac missions CH-53

S. Sammito, Cologne

16:25 - 16:30

P 18: Beyond Surgery or when surgery is at its limit

C. Richter, D. Meine, Ulm

16:30 - 17:00

Coffee break and visit to industrial exhibition

19:00 - 23:00

Festive evening

Saturday, 21.10.2023

08:30 - 09:15 h

Lecture by the Inspector of the Medical Service

U. Baumgärtner

09:15 - 09:30

Congress finale and passing of the baton

S. Schoeps, S. Förster

09:30 - 10:00

Coffee break and visit to industrial exhibition

10:00 - 13:00

General meeting DGWMP e.V.

Supporting programme

Thursday, 19.10.2023

14:00 - 16:30

Guided tour Bundeswehrkrankenhaus Ulm behind the scenes

(max. 25 persons, duration 2.5 hours, free of charge)