

TUESDAY, NOVEMBER 17

INFECTIOUS DISEASES
MOD: DR BENJAMIN QUEYRIAUX

08:30	INTRODUCTION Dr Benjamin Queyriaux
08:35	AN EXTERNAL ANALYSIS OF THE UN/NATO/EUROPEAN MILITARY MEDICAL RESPONSE TO THE COVID-19 CRISIS Lt Gen (Rtd) Professor Martin CM Bricknell Professor of Conflict, Health and Military Medicine
08:55	EFFICACY, IMMUNOGENICITY AND SAFETY OF THE DENGUE VACCINE CANDIDATE TAK-003 Dr. Eckhardt Petri, MHBA Head Medical Affairs Europe Vaccine Business Unit Takeda Pharmaceuticals International AG
09:10	COVID-19 IN THE NAVY: AN UNEXPECTED PASSENGER ON BOARD Dr Benjamin Queyriaux
09:30	SPANISH HEALTH SERVICE ROLE DURING COVID-19 PANDEMIC LTC Dr Carmen Arriñez Fernández Director of the Military Preventive Medicine Institute for the Defence, ESP Surgeon General, Undersecretary of Defense
09:50	THE ADAPTATION OF THE FRENCH NATIONAL PANDEMIC RESPONSE INTO THE FRENCH ARMED FORCES Col Dr Sandrine Duron (OF-5) Public health physician French armed forces surgeon general office
10:10	FIELD SOLUTIONS OF THE FRENCH MILITARY MEDICAL SERVICE TO FIGHT THE COVID-19 PANDEMIC IN FRANCE Col Prof Pierre Pasquier (OF-5), Anesthesiologist and intensivist at the Percy Military Training Hospital in Clamart, France
10:30	THE ITALIAN FORCES PANDEMIC RESPONSE Brig Gen Dr Claudio Zanutto
10:45	COFFEE BREAK

TUESDAY, NOVEMBER 17

MENTAL HEALTH
MOD: COL PROF DR ERIC VERMETTEN

11:00	INTRODUCTION Col Prof Dr Eric Vermetten Head of Research Military Mental Health, Ministry of Defense, The Netherlands Professor at Leiden University Medical Center, The Netherlands
11:10	PTSD, WINDOW OF OPPORTUNITY AND ARMOR (AUTOMATED REMOTE MONITORING OF STRESS RESPONSE) Prof Joseph Zohar Director of the National Post-Trauma Center, Research Foundation by the Sheba Medical Center in Tel HaShomer, Israel. Professor of Psychiatry at the Sackler Faculty of Medicine, at Tel Aviv University
11:30	FIRST AID TO TERROR Dr Iryna Frankova, M.D., PhD, Ass. Prof. Department of Medical Psychology, Psychosomatic Medicine and Psychotherapy of Bogomolets National Medical University, Kyiv, Ukraine
11:50	SEVEN-YEAR TRAJECTORIES OF POST-TRAUMATIC STRESS SYMPTOMS IN 56, 388 FIRST RESPONDERS DEPLOYED TO THE GREAT EAST JAPAN EARTHQUAKE Col Prof Masanori Nagamine M.D., Ph.D., Division of Behavioral Science, National Defense Medical College Research Institute Tokorozawa, Saitama, Japan, Japan
12:10	DIGITAL STRESS BUDDY, INITIAL RESULTS FROM HEALTH CARE PROFESSIONALS IN AN ACADEMIC HOSPITAL DURING COVID Dr Nathaly Rius Ottenheim, Psychiatrist, Geriatric Psychiatry, neuropsychiatry Leiden University Medical Centre, the Netherlands
12:30	LUNCH BREAK

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MENTAL HEALTH
MOD: COL PROF DR ERIC VERMETTEN

13:00	PSYCHOACTIVE COMPOUNDS FOR PTSD - FOCUS ON MDMA FOR VETERANS WITH PTSD Dr Michael Mithoefer Senior Medical Director for Medical Affairs, Training and Supervision, Maps Public Benefit Corporation North Carolina, USA
13:20	COMPLEMENTARY PERSPECTIVES IN MILITARY PSYCHIATRY / VR APPROACHES Col (MC) Gary H. Wynn, MD, DFAPA Deputy Psychiatry Consultant for Research and Academia, Office of the Surgeon General for the US Army Professor of Psychiatry and Neuroscience Senior Scientist, Center for the Study of Traumatic Stress Assistant Chair, Department of Psychiatry School of Medicine America's Medical School Uniformed Services University of the Health Sciences USUHS, Bethesda, USA
13:40	TO WAR AGAINST A PANDEMIC: HOW CAN MILITARY AND MILITARY MEDICINE APPROACHES HELP GUIDE US? Col Rakesh Jetly, Canadian Armed Forces, Ottawa, Canada
14:00	LEADERSHIP, RISK, AND INTERVENTIONS: ENHANCING MILITARY READINESS AND SUSTAINMENT DURING COVID-19 Capt Joshua C. Morganstein, M.D. Associate Professor & Assistant Chair, Department of Psychiatry Assistant Director, Center for the Study of Traumatic Stress, Uniformed Services University of the Health Sciences (USUHS), Bethesda, USA
14:20	CLOSING REMARKS

CONFERENCE OFFICE

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INTERNATIONAL
CONFERENCE
ON **DISASTER**
AND **MILITARY**
MEDICINE

NOVEMBER 16-17
2020

NEW
DIGITAL INTERACTIVE FORMAT

LECTURES BY RENOWNED
SPEAKERS



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INFORMATION &
REGISTRATION
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MONDAY, NOVEMBER 16

OPENING CEROMONY

09:15	WELCOME ADDRESS
	Wolfram N. Diener Managing Director, Messe Duesseldorf GmbH
09:30	SCIENTIFIC WELCOME ADDRESS
	Brig Gen (ret) Rob van der Meer, MD Former Surgeon General of the Netherlands Armed Forces Col (ret) Gerald Kerr Former Surgeon General & Director Medical Corps Irish Defence Forces
09:45	OPENING SPEECH
	Brig. Gen. Dr. med. Johannes Backus Director (DCOS) Directorate A Health Care Planning, Control and Management Bundeswehr Medical Service Headquarters
10:00	KEYNOTE
	Commodore MD Remco Blom Surgeon General of the Netherlands Armed Forces
10:30	ANALYSIS OF INTERNATIONAL MILITARY HEALTH SYSTEMS USING THE MILITARY MEDICAL CORPS WORLDWIDE ALMANAC
	Lt Gen (Rtd) Professor Martin CM Bricknell Professor of Conflict, Health and Military Medicine King's College London Dr Zenobia S. Homan Project Coordinator & Research Associate Centre for Science & Security Studies (CSSS) Department of War Studies, King's College London
10:50	COFFEE BREAK

MONDAY, NOVEMBER 16

RECENT DEVELOPMENTS AND DISASTER MEDICINE
BRIG GEN (RET) ROB VAN DER MEER & COL (RET) GERALD KERR

11:20	INTRODUCTION
	Brig Gen (ret) Rob van der Meer, MD Former Surgeon General of the Netherlands Armed Forces Col (ret) Gerald Kerr Former Surgeon General & Director Medical Corps Irish Defence Forces
11:25	TRANSFORMATION OF MILITARY MEDICAL TRAINING IN THE TWENTIES: EFFICIENCY AND RESILIENCE
	Prof. Dr. med. Jörg-Wilhelm Oestmann Radiologist, Neuroradiologist, Director Internal Medicine Radiology, Member Supervisory Board of Charité Charité Universitätsmedizin Berlin, Germany
11:45	THE WAY THE BEL MILITARY HAS COPE WITH THE PANDEMIC FROM THE PREVENTIVE AND OHS PERSPECTIVE
	Brig. Gen. Erwin Dhondt, MD Director General Health & Well-being, Belgian Defense Staff
12:05	44th ICMM WORLD CONGRESS ON MILITARY MEDICINE BRUSSELS, BELGIUM 20-24 SEPTEMBER 2021
	Brig. Gen. Erwin Dhondt, MD Congress Director, Belgian Defense Staff
12:25	YOUR MISSION IS OUR MISSION - TECHNOLOGY THAT SUPPORTS THE CLINICAL TREATMENT OF DEPLOYED MEDICAL FORCES AND HELPS TO IMPROVE THE OPERATIONAL EFFICIENCY
	Dieter Jadwiczek, Dipl.Ing., EMT-P, ERC AL-P, Senior Marketing Manager Global Military – ZOLL Medical Corporation
12:40	MILITARY AND DISASTER MEDICINE: CRISIS IN UKRAINE
	John Quinn, EMT-P, MD, MPH, PhD Prague Center for Global Health Institute of Hygiene and Epidemiology, First Faculty of Medicine, Charles University
13:00	LUNCH BREAK

MONDAY, NOVEMBER 16

CBRN

LT COL (MC) DR. DIRK STEINRITZ

13:30	INTRODUCTION
	Lt Col (MC) Ass. Prof. Dr. med. Dirk Steinritz Bundeswehr Medical Service Academy, Division F, Head TaskForce Medical CBRN Defense, Bundeswehr Institute of Pharmacology and Toxicology, Munich, Germany
13:35	ASSESSMENT OF RECENT EVENTS WITH CHEMICAL WEAPONS AND OVERVIEW OF REAL EXPOSURE CASES WITH LESSONS LEARNED
	Prof. Dr. Levent Kenar, MD,PhD., Chief of Medical CBRN Department, University of Health Sciences, Ankara/TURKEY
13:55	OPIOIDS AS PUBLIC HEALTH AND HEALTH SECURITY THREATS
	Susan Cibulsky, PhD Senior Policy Analyst for the Office of the Assistant Secretary for Preparedness and Response within the US Department of Health and Human Services
14:15	IMMUNOTHROMBOSIS: THE COMMONALITY BETWEEN CHEMICAL INHALATION INJURY AND COVID-19 INFECTION
	Prof Dr Livia A. Veress, MD Associate Professor, Pediatric Pulmonary Medicine, University of Colorado School of Medicine, Denver, USA
14:35	AUTO-INJECTOR DEVELOPMENT FOR NERVE AGENT TREATMENT
	Dr. Laura Cochrane, Senior Director of Clinical and Medical Affairs, Emergent BioSolutions Inc.
14:50	TUNISIAN TASK FORCE AGAINST BIOTHREATS: PROJECT IMPLEMENTATION AND ROLE DURING SARS-COV-2 PANDEMIC
	Maj Ph. Ass. Prof. Dr Hagui Mounir Emergency medicine, Faculty of medicine of Tunis / ED Military Hospital of Tunis, Coordinator of the Tunisian Taskforce against biothreats, Head of the international cooperation bureau at the general directorate of military health
15:10	MEDICAL RADIOLOGICAL INCIDENT INVESTIGATION TEAMS (MRIIT) -MISSION & CAPABILITIES-
	Lt Col (MC) Andreas Lamkowski, PhD Bundeswehr Institute of Radiobiology in Munich, Germany
15:30	MONITOR AND CAPTURE RICH LEVELS OF ON-SCENE CLINICAL AND PATIENT DATA THAT CAN BE SECURELY SHARED AND REVIEWED IN REAL-TIME TO MAKE CONFIDENT, ACCURATE AND TIMELY DECISIONS
	Tim Brooks-Birkett International Business Manager Military, Oil & Gas, Philips RDT
15:45	COFFEE BREAK

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MILITARY AND CIVILIAN INTERNATIONAL COLLABORATION IN DISASTER OPERATIONS

BRIG GEN (RET) ROB VAN DER MEER & COL (RET) GERALD KERR

16:15	INTRODUCTION
	Brig Gen (ret) Rob van der Meer, MD Former Surgeon General of the Netherlands Armed Forces Col (ret) Gerald Kerr Former Surgeon General & Director Medical Corps Irish Defence Forces
16:20	DEVELOPMENT OF MEDICAL CARE IN UN OPERATIONS
	Col Dr. Stefan Goebbels M.Sc. Military Medical Advisor Division of Healthcare Management And Occupational Safety and Health/Office of Support Operations United Nations / New York
16:40	ADAPTABLE LIFE SUPPORT: FROM BATTLE-FIELD TO FIGHTING COVID-19
	Derek Watt MASC, P.Eng. Director of Commercial Products I Thornhill Medical
16:55	HEALTH SYSTEM PREPAREDNESS TO EMERGENCY SITUATIONS. MILITARY- CIVILIAN COLLABORATIONS
	Brig Gen, Dr. Tarif Bader, Former Surgeon General, Israel Defence Forces
17:15	RAPID TELEMED – 'ONE DEVICE MULTIPLE SCENARIOS' A LOW SWAP CONFIGURABLE TELE-MEDICINE PLATFORM FOR MULTINATIONAL MILITARY AND CIVILIAN INTEROPERABILITY
	David Morgan FRCS CEO & Medical Director Black Space Technology Ltd.
17:30	DEVELOPMENT OF A COMPACT, ULTRA-LIGHT-WEIGHT TACTICAL VENTILATOR WITH HIGH PERFORMANCE FOR USE IN THE FAR FORWARD COMBAT ENVIRONMENT
	Lt Col Rafael Gerasi Biomedical Engineering and Development Branch Chief, IDF Medical Corps Headquarters, Tel Hashomer Base – Ramat Gan, Israel
17:50	FREEZE DRIED PLASMA STABILITY UNDER PRE-HOSPITAL FIELD CONDITIONS
	LTC Meital Zur, B.Pharm, M.B.A, M.H.A. Head of Pharmacy, Medical Engineering & Medical Supplies Branch, Surgeon's General Headquarters, Medical Corps, Israel Defense Forces (IDF), Ramat-Gan, Israel.
18:10	QUESTIONS & DISCUSSION

DEAR COLLEAGUES,

Dear Colleague,
On behalf of all the organisers of this prestigious event, we extend a very warm welcome to the 2020 DiMiMED Conference. We have arranged what we consider to be an interesting and attractive programme and we hope you will agree!
This year we face some unique challenges as we present a virtual Conference. While the Conference itself may be virtual, the information, knowledge, and insight that it transmits are very real. We look forward to your engagement with our speakers during question time at the end of each presentation. Our overall objective continues to be to make DiMiMED the most relevant and informative medical forum for those involved in humanitarian and military medical crises on an on-going basis. Obviously, this year's event is highly influenced by COVID-19, in content and in organisation. Nevertheless, we invite you to participate, albeit from afar, as actively as possible. Physically distanced does not have to be the same as socially distanced, and your engagement with fellow participants on- or off-line is encouraged.
As ever, we would appreciate your evaluations of the Conference as well as any comments or suggestions for the future in order to support our objective. Evaluation documentation can be completed online while applying for the Certificate of Attendance. We hope too that you can visit MEDICA which this year is also a virtual event. Engagement with industry gives you with an opportunity to communicate your needs in the 'field' with industry, as well as an opportunity to update yourself on the latest technological developments available.
We hope therefore that, despite the current restraints, you have an enjoyable and valuable experience which will be of benefit to all your patients in the future.

CHAIRMEN



GERALD M. KERR
Colonel (ret)
Former Surgeon General
Director Medical Corps
Irish Defence Forces



ROB VAN DER MEER, MD
Brigadier General (ret)
Former Surgeon General of the
Netherlands Armed Forces