

SCH Disaster Medicine Center International Symposium


Theme: *Tactical Counter-Terrorism and CBRNe Medicine: Lessons Learned and Future Directions for Both Governmental and Civilian Aspects*

Location: Soonchunhyang University Bucheon Hospital, Hyangseol Hall, 5th Floor, Hyangseol Grand Auditorium, Bucheon City, South Korea / **Time:** 1 PM - 6 PM, 30 April 2025 (Seoul Time)



This symposium will be an important milestone for the government and citizens of the Republic of Korea. Lectures will be accompanied by an automatic Korean-English interpretation AI system. We sincerely appreciate your interest, and as seating is limited, we kindly ask those wishing to participate to register on a first-come, first-served basis using the QR code below.

Heejun Shin, MD, MS, FIBODM
Director, SCH Disaster Medicine Center, Soonchunhyang University Bucheon Hospital


 The symposium registration application link QR code



 Symposium Booklet QR Code



Timetable

Session	Time	Topic	Speaker or Moderator
1. Opening Session	13:00 - 13:10	Welcome Address	Jong Ho Moon , MD, PhD, Director of Soonchunhyang University Bucheon Hospital/ Sangho Lee , MD, 46th Commanding General, Armed Forces Medical Command, Ministry of National Defense
1. Opening Session	13:10 - 13:30	Keynote Speech: "Tactical Medicine And Rapid Critical Medical Care In The High Threat Environment"	Dominique Wong MD (Homeland Security, USA)
2. Session 1: Lessons Learned from the Past Tactical Counter-Terroris m and CBRNe Events	13:30 - 13:45	"Standardization of trauma resuscitation is key to build readiness even in disaster response : Trauma Center Aspect"	Moderator: Sung Bae Moon (Kyungpook National University, South Korea) Speaker: Hojun Lee MD (Ministry of National Defense, South Korea)
2. Session 1	13:45 - 14:00	"Asymmetric Threats and the Blurring Lines between Civilian and Military Medicine"	Speaker: Maximilian P. Nerlander MD, PhD candidate (Karolinska Institutet, Sweden)
2. Session 1	14:00 - 14:15	"Lessons from Israel's Trauma Registry and AR-VR Training for EMS During the Israel-Hamas War: Civilian Perspectives"	Speaker: Arielle Kaim MPH (Tel Aviv University, Israel)
2. Session 1	14:15 - 14:30	"Lessons Learned from Clinical Practice Guideline Implementation in Conflict Regions"	Speaker: Florian Schmitzberger MD, MS (University of Michigan, USA)
2. Session 1	14:30 - 14:45	"Is South Korea Prepared for the Medical Challenges of Tactical Counter-Terrorism and CBRNe (Chemical, Biological, Radiological, and Nuclear) Threats?"	Speaker: Heejun Shin MD, MS, FIBODM (SCH Disaster Medicine Center, South Korea)
 Coffee Break	14:45 - 15:00	Coffee Break	
3. Session 2: Future Directions for Tactical Counter-Terroris m and CBRNe Medicine	15:00 - 15:15	"A Systems Approach To Addressing Emerging Threats In Counter-Terrorism Medicine"	2 -1 Moderator: Se Kwang Oh MD, PhD (CHUNGNAM NATIONAL UNIVERSITY, South Korea)/ Speaker: Lauren Fernandez D.Sc. (Naval Postgraduate School, Center for Homeland Defense and Security Master's Program, USA)
3. Session 2	15:15 - 15:30	"Developing Civilian Tactical Counter-Terrorism and CBRNe Preparedness Program: The CIREcourse - Tactical"	Speaker: Heejun Shin MD, MS, FIBODM (SCH Disaster Medicine Center, South Korea)
3. Session 2	15:30 - 15:45	"Communication in High Threat Induced Crisis Situation"	Speaker: Eun Kyung Eo MD, MPH (SCH Disaster Medicine Center, South Korea)
3. Session 2	15:45 - 16:00	"Operation and Activation Strategies for Syndromic Surveillance Systems in Emergency Departments for Early Response to Biological Terrorism"	Session 2 -2 Moderator: Jung Ho Kim MD (Yeungnam University, South Korea)

			/ Speaker: Sangchun Choi MD, MS (Soonchunhyang University Bucheon Hospital, South Korea)
3. Session 2	16:00 - 16:15	"Rethinking Biological Disaster Response: A Multi-Faceted Approach"	Speaker: Jin Yong Kim , MD, MPH (Incheon Medical Center, South Korea)
3. Session 2	16:15 - 16:30	"Precision Under Pressure: Integrating Ultrasound and Airway Management in Tactical Medicine"	Speaker: Young Soon Cho MD, PhD (Soonchunhyang University Bucheon Hospital, South Korea)
3. Session 2	16:30 - 16:45	Coffee Break	
4. Session 3: Bridging Governmental and Civilian Aspects	16:45 - 17:05	"DESIGNING JOINT TRAINING PROGRAMS FOR CIVILIAN AND GOVERNMENT TEAMS"	<p>Speaker:</p> <p>Lauren Fernandez D.Sc. (Naval Postgraduate School, Center for Homeland Defense and Security Master's Program, USA)</p> <p>&</p> <p>Dominique Wong MD (Homeland Security, USA)</p>
4. Session 3	17:05 - 17:35	<p style="text-align: center;">Open Forum</p> <p style="text-align: center;">“Exploring Pathways for Integrated Tactical Counter-Terrorism and CBRNe Preparedness: Policy Recommendations for Integrated Tactical Counter-Terrorism and CBRNe Response Systems”</p>	<p>Moderator: Heejun Shin MD, MS, FIBODM (SCH Disaster Medicine Center, South Korea)</p> <p>Free discussion with various panels and audiences</p>
5. Closing Session	17:35 - 17:40	Symposium Summary and Closing Remarks	<p>Moderator: Heejun Shin MD, MS, FIBODM (SCH Disaster Medicine Center, South Korea)</p>
5. Closing Session	17:40 -	Networking Dinner and Poster Viewing	

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Speaker Introduction

I. Speakers from the Tactical and Law Enforcement Medicine (TALEM) Section of the American College of Emergency Physicians (ACEP)



Dominique Wong MD (Homeland Security, USA) – An expert in Tactical and Law Enforcement Emergency Medicine, Chair of the Department of Homeland Security and Hospital Medical Preparedness Committee, and developer of high-risk and mass casualty response training programs. With over 25 years of clinical experience in emergency medicine, she has worked in trauma and multidisciplinary referral centers. A specialist in Tactical and Law Enforcement Emergency Medicine, Crowd Management, and Disaster Medicine. He is the incoming Chair of the TALEM Section of the American College of Emergency Physicians (ACEP) for 2024/2025.



Florian Schmitzberger MD, MS (University of Michigan, USA) – A specialist in Tactical Emergency Medicine and Conflict Zone Medical Care, Clinical Assistant Professor at the University of Michigan, and Medical Director of the Special Operations Combat Medicine Program at Hurley Medical Center. He is also the Newsletter Editor for the TALEM Section of the American College of Emergency Physicians (ACEP) for 2024/2025.



Heejun Shin MD, MS, FIBODM (SCH Disaster Medicine Center, South Korea) - An expert in Disaster Medicine, CBRNe, and Counter-Terrorism Medicine, Associate Professor of Emergency Medicine at Soonchunhyang University Bucheon Hospital, and Director of the SCH Disaster Medicine Center. He is also serving as the Section Outreach Coordinator Officer for the TALEM Section of the American College of Emergency Physicians (ACEP) for 2024/2025.

II. International Representative Speakers



Maximilian P. Nerlander MD, PhD Candidate (Karolinska Institutet, Sweden) – An expert in Emergency Medicine and Disaster Medicine, an Emergency Medicine Specialist at the Emergency Medical Center of Västervik General Hospital in Sweden, and a PhD researcher at the Disaster Medicine Center of Linköping University, Sweden. He has completed Swedish military medical training, including CBRN (Chemical, Biological, Radiological, and Nuclear) survival training and Tactical Combat Casualty Care (TCCC). He has led medical and health projects worldwide and has worked as a medical epidemiologist at the Karolinska Institute's Global Public Health and Disaster Medicine Research Center.



Ariel Kaim, MPH (Tel Aviv University, Israel) – Expert in Disaster and Emergency Management, PhD candidate researcher at the School of Public Health, Tel Aviv University, and consultant for the Israeli Ministry of Health and the European Union. Recognized for academic excellence, she was selected as an Ariane De Rothschild Doctoral Fellow.



Lauren S. Fernandez, D.Sc. (Naval Postgraduate School, Center for Homeland Defense and Security Master's Program, USA) – Expert in Risk Analysis and Decision Science, Professor at the Center for Homeland Defense and Security (CHDS), Naval Postgraduate School, and former Division Chief at the U.S. Department of Homeland Security.

III. Domestic Representative Speakers



Jin Yong Kim, MD, PhD (Incheon Medical Center, South Korea) – An Expert in Infectious Disease Response and Public Health, Head of the Infectious Disease Department and Infection Control Office at Incheon Medical Center, and a key leader in establishing South Korea's Infectious Disease Crisis Management Strategy. Inventor of Drive-Through Screening Center System for COVID-19.



Lieutenant Colonel Ho-Joon Lee, MD (Ministry of National Defense, South Korea) – An Expert in Trauma Care and Military Medical Systems, Head of the Trauma Department at the National Defense Medical Center and serving at the National Trauma Center, contributing to the improvement of survival rates for military trauma patients.



Eun Kyung Eo MD, MPH (SCH Disaster Medicine Center, South Korea) – An Expert in Cardiopulmonary Resuscitation and Medical Education, Clinical Professor of Emergency Medicine at Soonchunhyang University Bucheon Hospital, Ethics Director of the Korean Society of Emergency Medicine, and Chair of the Patient Safety Incident Investigation Committee.



Sangchun Choi MD, MS (South Korea) – An Expert in Clinical Toxicology and Critical Care Medicine, Professor of Emergency Medicine at Soonchunhyang University Bucheon Hospital, and an authority in the fields of Emergency Medicine and Toxicology.



Young Soon Cho MD, PhD (Soonchunhyang University, South Korea) – An Expert in Clinical Ultrasound and Airway Management, Professor of Emergency Medicine at Soonchunhyang University Bucheon Hospital and Director of the Clinical Collaboration Center, specializing in the establishment of inter-hospital collaboration systems.