

The conference is funded by the Shota Rustaveli National Science Foundation of Georgia

Working Languages: Georgian and English

November 12–13, 2026 | Paragraph Tabori Hotel, Nadikvari II

November 14, 2026 | Tbilisi State Medical University, Vazha Pshavela av. N33

Organizers/Co-organizers and **Supporters**

- Tbilisi State Medical University (TSMU)
- Ministry of Education, Science and Youth of Georgia
- Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia
- Healthcare and Social Issues Committee of the Parliament of Georgia
- Emergency Medicine and Intensive Care Association in Georgia
- Association for the Development of Biomedical Research
- Emergency Situations Coordination and Urgent Assistance Center
- BAU International University
- Caucasus International University
- Batuni Medical Center (BMC)
- Batumi Medical University "Avicenna"
- Pharmaceutical Company "Yuria-Pharma"
- Pharmaceutical Company "New Pharma"
- Swiss Company "MEDIFOOD"
- Georgian Society of Gerontology
- Tarkhnishvili Student Scientific Society (TSMU)
- Student Scientific Research Club – "Nexus" (TSMU)
- Georgian Youth Health Association – GYHA (TSMU)

Honorary President of the Conference – **Maria Theodorakopoulou, BSc, MD, MSc, PhD,** Surgeon, Head of ICU I and Director, Division of Emergency and Critical Care Medicine, General Hospital of Attiki "KAT", Athens, Greece; Affiliated with the Medical School, National and Kapodistrian University of Athens (NKUA), Athens, Greece, Research Programs Faculty, 1st University Intensive Care Unit, Evangelismos Hospital, National and Kapodistrian University of Athens, **President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of Tbilisi State Medical University.**

Organizing Committee

Name	Position / Affiliation
Irakli Natroshvili	Rector of TSMU, Professor
Levan Ratiani	General Director of First University Clinic, TSMU; Professor, Head of Anesthesiology, Reanimatology and Toxicology Department, TSMU
Luiza Gabunia	Professor, Head of Clinical Pharmacology Department, TSMU
Zaza Lominadze	Chair of the Healthcare and Social Issues Committee of the Parliament of Georgia
Zurab Vadachkoria	Vice-Rector for Clinical Affairs, TSMU, Professor
Nikoloz Chikovani	Director of Emergency Situation Coordination and Urgent Assistance Center
Amiran Gogitidze	Head of the Medical Support Department of Emergency Situation Coordination and Emergency Assistance Center
Zaza Bokhua	Director of Postgraduate Medical Education and Continuing Professional Development Institute of TSMU, Professor
Nino Chumburidze	Honorary Doctor of TSMU, Head of Internal Medicine Service of Military Hospital, Ministry of Defence; Head of the Outpatient Service, Institute of Clinical Oncology
Irma Chokhonelidze	Professor, Head of the Department of Internal Medicine No. 2, TSMU

Irina Imerlishvili	Rector of BAU International University.
Ilia Nakashidze	Professor, Head of Critical Care Medicine Department, Batumi Shota Rustaveli State University; President of the Georgian Society of Anesthesiologists and Reanimatologists
Nino Tskhvediani	Executive Director of Givi Zhvania Pediatric University Clinic of TSMU, Associate Professor
Ketevan Machavariani	Associate Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU
Jeni Jankhoteli	Reanimatologist of First University Clinic, TSMU
Avtandil Chitidze	Head of Public Relations Service of First University Clinic, TSMU
Eter Katamadze	Lawyer of First University Clinic, TSMU
Irina Kapetivadze	Head of the Rector's Office of TSMU, Associate Professor
Nona Kakauridze	Associate Professor of Internal Medicine Department, TSMU, Cardiologist-Reumatologist
Eka Khuchua	Anesthesiologist- Reanimatologist of First University Clinic, TSMU
Gia Barabadze	Head of Emergency Medicine Department of First University Clinic, TSMU
Tamar Didbaridze	Professor, Head of Microbiology Department, TSMU
Elene Pachkoria	Associate Professor, Head of Infectious Disease unit of the First University Clinic, TSMU
Davit Kochiashvili	Professor, Head of Urology Department, TSMU
Lia Goliadze	Head of the Department of Infectious Diseases at the V. Bochorishvili Clinic.
Irakli Darbuashvili	Head of the Planning and Finance Division, Economic Department
George Tchitchinadze	Associate Professor of Department of Physiology, TSMU
Tamar Khakhutashvili	Director of the Library, TSMU

Scientific Committee

Name	Position / Affiliation
Vakhtang Shoshiashvili	Assistant Professor of Anesthesiology, Reanimatology and Toxicology Department, Anesthesiologist-Reanimatologist of First University Clinic, TSMU
Samson Kajaia	Professor, Head of Anesthesiology and Intensive Care Department, G. Chapidze Emergency Cardiology Center
Shorena Khetsuriani	Associate Professor of Microbiology Department, TSMU
Natia Gamkrelidze	Associate Professor of Pathophysiology Department, TSMU
Nino Intskirveli	Associate Professor of Physics, Biophysics, Biomechanics and Information Technologies Department, TSMU
Lia Dzidziguri	Associate Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU
Nana Gorgaslidze	Professor, Head of Social and Clinical Pharmacy Department, TSMU
Diana Dzidziguri	Professor, Head of Biology Department, Tbilisi State University
Tamara Megrelishvili	Assistant Professor of Infectious Diseases Department, TSMU
Nino Gvajaia	Internal Medicine Resident at Wellstar Cobb Medical Center (USA)
Elene Saribekovi	Resident in Infectious Diseases, TSMU

Software Support: **Giorgi Varazi** – Specialist of the Scientific Reaserch-Skills Center, TSMU

Program

12 November 2026 – DAY I

Hotel "Paragraph Tabor, Tbilisi, Georgia

DAY I – OPENING, GLOBAL PERSPECTIVES AND CRITICAL CARE INNOVATION

Time	Speaker	Topic
9:00 – 10:00	**Registration**	
10:00 – 11:00	**Irakli Natroshvili –** Rector of Tbilisi State Medical University, Professor **Givi Mikanadze –** Minister of Education, Science and Youth of Georgia **Mikheil Sarjveladze -** Minister of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia **Mariam Lashkhi** – Chair of the Education, Science and Youth Affairs Committee of the Parliament of Georgia **Zaza Lominadze -** Chair of the Healthcare and Social Issues Committee of the Parliament of Georgia **Teimuraz Dochviri -** General Director of the Rustaveli Foundation **Levan Ratiani -** General Director of First University Clinic, TSMU; Professor, Head of Anesthesiology, Reanimatology and Toxicology Department, TSMU **Professor Maria Theodorakopoulou –** President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of TSMU **Professor Alexander Lezhava -** Head of Centre for Genome Diagnostics; Associate Director, HBRO; Genome Institute of Singapore, Agency for Science, Technology and Research; Platform Lead, Singapore Translational	Official Opening of the Conference and Welcome Addresses Presentation: Why Does the Heart Stop? Between Physiology and Eternity: A Question Beyond Clinical Protocols Welcome Address Welcome Address

	Cancer Consortium, Honorary Doctor of TSMU **Irina Imerlishvili -** Rector of BAU International University. **Moderator: Luiza Gabunia –** Professor, Head of Clinical Pharmacology Department, TSMU	Welcome Address
10:45-11:00	**Break**	
11:00 – 13:00	**Opening Plenary Session – The Future of Emergency and Critical Care: From Evidence-Based Medicine to Saving Lives** (Conference Hall N1) **Keynote Lectures and Review of Contemporary Advances**	

	Professor Maria Theodorakopoulou – President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of TSMU	The future of Intensive Care in Europe - Challenges and Opportunities
	Professor Arzu Topeli (İskit) – Internal Medicine, Intensive Care Medicine; Dean, Hacettepe University Faculty of Medicine, Ankara, Türkiye	Long-Term Consequences of Critical Illness and ICU Care: Post-Intensive Care Syndrome
	Professor Despoina Koulenti – King's College Hospital, London, UK; University of Thessaly, Greece; The University of Queensland, Australia; Chair, ESCMID SG for Infections in Critically Ill Patients (ESGCIP)	Optimization of Antibiotic Dosing in Critically Ill Patients
	Christie Fritz – EMS Division, Emergency Medicine, Beth Israel Deaconess Medical Center; Assistant Professor of Emergency Medicine, Harvard Medical School; Medical Director, BIDMC Ambulance Service**;** Medical Director, USA	Prehospital Management of Sepsis
	Professor Alexander Lezhava - Head of Centre for Genome Diagnostics; Associate Director, HBRO; Genome Institute of Singapore, Agency for Science, Technology and Research; Platform Lead, Singapore Translational Cancer Consortium, Honorary Doctor of TSMU	Molecular Diagnostics in Clinical Settings: Current Challenges and Achievements
13:00-14:00	**Coffee Break / Book Presentation**	
14:00 – 16:00	**Session №1 (Conference Hall №1)** **Critical Care Medicine 2026: Challenges, Innovations, and Personalized Approaches** **Moderators:** Professors - Arzu Topeli (İskit), Irma Chokhonelidze, Levan Ratiani	
	Professor Arzu Topeli (İskit) – Internal Medicine, Intensive Care Medicine; Dean, Hacettepe University Faculty of Medicine, Ankara, Türkiye.	Personalized Management of Sepsis
	Professor Irma Chokhonelidze – Head of the Department of Internal Medicine No. 2, Tbilisi State Medical University	Management of Acute Kidney Injury in the Intensive Care Unit
	Professor Maia Beridze – Head of the Department of Propedeutics and Topical Diagnosis of Neurological Diseases	Challenges and Achievements of Thrombolytic Therapy and Thrombectomy at the First University Clinic, TSMU
	Professor Tamar Didbaridze – Head of Microbiology Department, TSMU	The Role and Importance of Molecular Epidemiology in the Intensive Care Unit

	Professor Despoina Koulenti – King's College Hospital, London, UK; University of Thessaly, Greece; The University of Queensland, Australia; Chair, ESCMID SG for Infections in Critically Ill Patients (ESGCIP)	Rapid Diagnostics and Antimicrobial Stewardship (AMS): Early Treatment, Rapid Refinement, and Avoidance of Unnecessary Antibiotics
	Christie Fritz – EMS Division, Emergency Medicine, Beth Israel Deaconess Medical Center; Assistant Professor of Emergency Medicine, Harvard Medical School; Medical Director, BIDMC Ambulance Service**;** Medical Director, USA	Traumatic Hemorrhage and Massive Transfusion Protocols
	Mark Sutton-Smith – Visiting Professor of TSMU; Adjunct Clinical Associate Professor, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, UAE; Mediclinic Parkview Hospital, Mediclinic Middle East, Dubai, United Arab Emirates	Beyond Glucose Control: The Impact of GLP-1 Receptor Agonists and Continuous Glucose Monitoring on Active Medical Care
	Professor Nika Kuridze – Head of Inpatient Unit of Cardiac Surgery Department, G. Chapidze Emergency Cardiology Center	Sudden Cardiac Death and the Role of Implantable Cardiac Devices in its Prevention
	Professor Luiza Gabunia – Head of Clinical Pharmacology Department, TSMU **Gvantsa Janigashvili –** Invited Lecturer, Clinical Pharmacology Department, TSMU	Antibiotic Therapy-Associated Risks in Critically Ill Patients
	Professor Iryna Romanava – Head of Clinical Pharmacology Department, Belarusian State Medical University, Minsk, Belarus	Rational Choice of Anticoagulants in Emergency Medicine
	Lia Goliadze – Head of Infectious Diseases Department, Vakhtang Bochorishvili Clinic	Sepsis in Patients with Severe Comorbidities
	Shota Goliadze, Ramaz Kalandadze – Physicians-Intensivists, First University Clinic, TSMU	Sepsis and Acute Respiratory Distress Syndrome – Management of Acute Respiratory Distress Syndrome in Pregnant Women
	Khatia Mikaberidze - Head Physician of the Laboratory Department at the First University Clinic, Invited Lecturer of TSMU, PhD Student of TSMU; **Professor Nino Gogokhia -** Head of the Department of Laboratory Medicine, First University Clinic, TSMU, Tbilisi, Georgia.	From Endothelium to Alveoli: A Biomarker Map of COVID -19-Induced Respiratory Cases
14:00 – 15:30	**Session №2** (Conference Hall №2) **Modern Aspects of Prehospital Management** Moderators: Professor Luiza Gabunia, Amiran Gogitidze, Gia Barabadze.	
	Gia Barabadze – Head of Emergency Medicine Department, First University Clinic, TSMU	Early Diagnosis and Management of Sepsis in the Emergency Department
	Amiran Gogitidze – Head of the Medical Department of Emergency Situations Coordination and Urgent Assistance Center	Kinematics of Trauma, Acute Injury Management, and Mass Casualty Triage

	Teimuraz Goletiani – Associate Professor of Radiology Department, TSMU	Modern Radiological Diagnosis of Stroke in Emergency Medicine
	Amiran Gogitidze – Head of the Medical Department of Emergency Situations Coordination and Urgent Assistance Center	Systematic Emergency Management and International Emergency Medical Team (EMT) Response to Natural and Technological Disasters
	Tamara Megrelishvili – Assistant Professor, Department of Infectious Diseases, TSMU	Febrile Conditions in Emergency Medicine
	Professor Gulnara Abashidze-Gabaidze – BAU International University, Batumi	Beyond Empirical Antibiotic Therapy: Diagnostic Stewardship, Rapid Diagnostics, and Targeted Antimicrobial Therapy in Primary Health Care
	Giorgi Chichua – Deputy Head of Emergency Situations Coordination and Urgent Assistance Center	Cardiac Arrest Management Algorithm According to the 2025 American Heart Association Update
	Levan Karazanashvili – Cardiac Surgeon	Acute Myocardial Infarction: When Do We Need a Cardiac Surgeon?!
	Shavleg Kutaladze – Assistant Professor, BAU International University, Batumi	Before the First Attempt: The Importance of Checklists in Airway Management of Critically Ill Patients
	Natia Kharati – Assistant Professor, BAU International University, Batumi	Nonconvulsive Status Epilepticus (NCSE) in Intensive Care: International Guidelines and Local Challenges
15:30 – 16:00	**Lunch**	
16:00 – 18:00	**Session №3** (Conference Hall №1) **Sepsis and Septic Shock** **Moderators:** Professors - Despoina Koulenti, Tamar Didbaridze; Associate Professor Elene Pachkoria	
	Professor Maria Theodorakopoulou – President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of TSMU	Point-of-Care Testing (POC Testing): Current Gaps and Needs
	Jeni Jankhoteli – Reanimatologist of First University Clinic, TSMU	The Role of New Biomarkers in the Pathogenesis of Septic Shock
	Magda Rurua – Assistant Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU	Diagnostic Challenges and Clinical Course of Sepsis in Immunocompromised Patients
	Ivlita Khvedelidze – Anesthesiologist-Intensivist of First University Clinic, TSMU	Comparative Analysis of Infections Caused by Extensively Drug-Resistant *Klebsiella pneumoniae* and *Acinetobacter baumanii* in the Intensive Care Unit: Correlation of Laboratory Indicators with Disease Severity and Clinical Outcome
	Tinatin Gaphrindashvili –Anesthesiologist-Intensivist of First University Clinic, TSMU	Management of Post-Cesarean Section Sepsis
	Nino Totadze –Physician-Nutritionist of the First University Clinic, TSMU	Nutritional Peculiarities in Septic Patients
	Anna Archvadze – Associate Professor, Clinical Pharmacology Department, TSMU	Pathophysiological Factors Influencing Drug Effects in Critically Ill Patients
	Professor Luiza Gabunia – Professor, Head of Clinical Pharmacology Department, TSMU; **Shorena Khetsuriani –** Associate Professor of Microbiology Department, TSMU	Key Issues and Challenges in Rational Empirical Antibiotic Therapy for Sepsis

	Professor Tamar Sanikidze – Head of Physics, Biophysics, Biomechanics, and Information Technologies Department, TSMU	From Infection to Organ Failure: Mitochondrial Dysfunction in the Pathogenesis of Sepsis
	Gulnara Kiliptari – Associate Professor, Department of Anesthesiology, Reanimatology and Toxicology, TSMU	Sepsis-Induced Conditions
	Medea Gobejishvili – Associate Professor, Department of Ophthalmology, TSMU **Anano Sharashenidze –** Resident, Department of Ophthalmology, TSMU	Ocular Dirofilariasis: Clinical Cases
	George-Jemal Gogitidze - Associate Professor, Head of Scientific Research Direction, BAU International University Batumi, Georgia	Obstetric Sepsis and Septic Shock: Critical Care Resuscitation, Hemodynamic Stabilization, and Multidisciplinary Management
16:00-18:00	**Session №4** (Conference Hall N2) **Anesthesiology and Perioperative Management** **Moderators:** Professors - Maria Theodorakopoulou, Christie Fritz; Eka Khuchua.	
	Vakhtang Shoshiashvili – Assistant Professor of Anesthesiology, Reanimatology and Toxicology Department, Anesthesiologist-Reanimatologist of First University Clinic, TSMU	Lumbar Epidural Steroid Injection Approaches for Low Back and Radicular Pain: A Comparative Review of Transforaminal, Interlaminar, and Caudal Techniques
	Irakli Modebadze – Anesthesiologist-Reanimatologist of First University Clinic, TSMU	Endothelial Glycocalyx Protection in Modern Anesthesiology: from Basic Science to Clinical Practice
	Jano Oniani – Anesthesiologist- Reanimatologist of First University Clinic, TSMU	Delirium in the ICU: Prevalence, Risk Factors and Outcomes
	Ketevan Machavariani – Associate Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU **Tamar Shotadze** – Vice -Rector, Head of the Department of Clinical Skills, Petre Shotadze Medical Academy	Corticosteroids in Sepsis-associated Acute Respiratory Distress Syndrome
	Lia Dzidziguri – Associate Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU	Special Considerations for Anesthetic Care During Dental Procedures in Children with Disabilities
	Tsotne Samadashvili – Head of the Department of Anesthesiology and Operating Rooms, Caucasus Medical Centre; Associate Professor, Caucasus International University	Current Issues in the Anesthetic Management of Trauma-Induced Acute Respiratory Distress
	Ia Aghdgomelashvili – Head of the Anesthesiology Service and Operating Block Unit at the TSMU and Ingorokva High Medical Technology University Clinic, Assistant Professor.	Fluids or Vasopressors?! Hemodynamic Decision-Making in the Operating Room
	Stefane Chilingarashvili – Anesthesiologist-Reanimatologist of Telavi Regional Hospital	The Role of Point-of-Care Ultrasound in Modern General Anesthesia
	Gvantsa Kachlishvili – Anesthesiologist-Reanimatologist of "MediClubGeorgia" Clinic	New strategies of Patient Blood Management for Best Anesthesia Practice in Anemic Parturients
	Eka Khuchua – Anesthesiologist-Reanimatologist of First University Clinic, TSMU	Malignant Hyperthermia

13 November 2026 – DAY II

Hotel "Paragraph Tabor"

Time	Speaker	Topic
09:00-10:00	**Registration**	
10:00-12:00	**Session №5** (Conference Hall №1) **Antimicrobial Resistance and Stewardship** **Moderators:** Professor Despoina Koulenti, Lia Goliadze, Assistant Professor Tamara Megrelishvili	
	Thomas Musich – Scientific Director of the Walter Reed Army Institute of Research (WRAIR)	The Threat of Antimicrobial Resistance in Europe
	Davit Chakhunashvili –Epidemiologist of the National Center for Disease Control and Public Health	Management of Bloodstream Infections in ICU Patients Through Strengthening Modern Laboratory Systems
	Tamar Didbaridze – Professor, Head of Microbiology Department, TSMU	Diagnosis and Management of Fungal Infections in ICU Patients
	Elene Pachkoria – Associate Professor, Head of the Unit of Infectious Diseases of First University Clinic, TSMU	Fever in the Intensive Care Unit: The Role of New Biomarkers in the Early Diagnosis of Infection and Sepsis
	Professor Diana Dzidziguri – Head of the Department of Biology, Tbilisi State University	Thanatotranscriptome: Postmortem Gene Expression and Its Significance in Medicine
	Natia Phkhaladze - Obstetrician -Gynecologist of the First University Clinic; Associate Professor, Department of Obstetrics and Gynecology, TSMU	Antimicrobial Stewardship in Cesarean Delivery
	Maia Ugulava – Invited Lecturer, Caucasus International University, Tbilisi, Georgia. **Julie Ratchvelishvili** – Invited Lecturer, Caucasus International University, Tbilisi, Georgia.	Epidemiology of Critical Conditions and Intensive Care Outcomes: A Public Health Perspective
10:00-12:00	**Session №6** (Conference Hall №2) **Geriatric Critical Care** **Georgian Society of Gerontology** **Moderators:** Professor Teimuraz Lezhava, Associate Professor Nona Kakauridze, Nino Chumburidze, Honorary Doctor of TSMU	
	Professor Teimuraz Lezhava – Head of the Department of Genetics, Tbilisi State University; President of the Georgian Gerontological Society	Heterochromatin and NOR Alterations in Ductal Breast Cancer
	Nona Kakauridze – Associate Professor of Internal Medicine Department, TSMU, Cardiologist-Reumatologist	The Use of Cardiovascular Complication Markers in the Urgent Care Management of Long COVID
	Nino Didbaridze – Assistant Professor of the Immunology Department, TSMU	Geriatric Immunoparalysis: From Immune System Exhaustion to Sepsis Management
	Professor Maka Buleishvili – BAU International University, Batumi	Geriatric Medicine and Emergency Care: A Modern Approach to the Assessment, Management, and Safety of Older Patients

	Giorgi Nikolaishvili – Cardiologist at JSC Vian-Tbilisi Referral Hospital, Professor of Avicenna-Batumi Medical University	Features of Myocardial Infarction Management in Older Adults
	Gocha Barbakadze – Gastroenterologist of Enmedic Clinic, Associate Professor; **Manana Jebashvili** – Gastroenterologist, Head of the Postgraduate Gastroenterology Residency Program	Atypical Course, Complications and Treatment of Gastric and Duodenal Peptic Ulcer Disease in Older Adults
	Nino Khunashvili – Head of the Cardiology Service of First University Clinic, TSMU	The Role of PCSK9 in Cardio-Geriatric Patients
	Nana Egiashvili – Cardiologist, Radiologist of First University Clinic, TSMU	Significance of Galectin-3 and Echocardiographic Parameters in Predicting Long-COVID Complications in the Older Population (+60 years)
	Natia Archaia – Head of the Medical Team, Arensia Research Center, Cardiologist	The Role of Acquired Thrombophilia in Cardio-Cerebral Complications and Treatment Approaches in Aging
12:00-13:30	**Coffee Break**	
13:30-15:30	**Session №7** (Conference Hall №1) **Pediatric and Neonatal Critical Care** **Moderators:** Associate Professors - Nino Tskhvediani, Liana Dzidziguri; Tamar Goginashvili	
	Nazibrola Kibordzalidze – Neonatologist of Givi Zhvania Pediatric University Clinic, TSMU	Current Issues in the Postoperative Management of Necrotizing Enterocolitis Complicated by Short Bowel Syndrome in Neonates
	Giorgi Talakhadze – Pediatric Surgeon of Givi Zhvania Pediatric University Clinic, TSMU	Gastroschisis – An Old, not a New Problem
	Maia Abaloidze – Neonatologist of Givi Zhvania Pediatric University Clinic, TSMU	Resuscitation Measures in the Neonatal Intensive Care Unit
	Eka Nakhutsrishvili –Pediatrician of Givi Zhvania Pediatric University Clinic, TSMU	NR0B1-Related Adrenal Hypoplasia Congenita Presenting as a Neonatal Salt-Wasting Crisis: A Case Report
	Marina Jorbenadze – Neonatologist of Givi Zhvania Pediatric University Clinic, TSMU	Challenges of Smith-Lemli-Opitz Syndrome in the Neonatal Intensive Care Unit: A Case Report
	Julieta Kikvadze – **N**eonatologist-Reanimatologist, Head of the Neonatal Intensive Care Service, Givi Zhvania Pediatric University Clinic, TSMU	Neutrophil-Lymphocyte Ratio in Surgical Patients with Neonatal Sepsis
	Tamar Goginashvili – Head of the Critical Care Department; Anesthesiologist-Reanimatologist, Givi Zhvania Pediatric University Clinic, TSMU	Combined Congenital Malformations of Organ Development: Diagnosis and Management
	Christie Fritz – EMS Division, Emergency Medicine, Beth Israel Deaconess Medical Center; Assistant Professor of Emergency Medicine, Harvard Medical School; Medical Director, BIDMC Ambulance Service**;** Medical Director, USA	Inflight Emergencies
13:30-15:30	**Session №8** (Conference Hall №2) **Clinical Toxicology** **Moderators:** Associate Professor Ketevan Machavariani, Assistant Professor Eka Kurdadze, and Teimuraz Kobidze	

	Ketevan Bakhturidze – Clinical Toxicologist of the First University Clinic, TSMU	Methadone Poisoning in Georgia: Neurotoxicity, Cardiotoxicity, and Clinical Features of Multiple Organ Failure
	Giorgi Okriashvili – Head of the Internal Medicine Department at Rustavi Clinic, Toxicologist of Military Hospital and American Hospital Tbilisi	Damaging Effects of Nuclear Weapons on the Human Body
	Teimuraz Kobidze – Clinical Toxicologist, First University Clinic of TSMU	"Traditional" Charcoal, Combined Sorbents, and New Possibilities for Detoxification
	Tamar Umekashvili – Clinical Toxicologist of the First University Clinic, TSMU	Alcohol-Associated Acute Intoxication and Altered Consciousness: Challenges of Differential Diagnosis in Emergency Toxicology
	Salome Dalakishvili – Clinical Toxicologist of the First University Clinic, TSMU	Alcohol-Associated Agranulocytosis, Sepsis Risk, and Critical Anemia: Diagnostic Challenges of Inflammatory Markers in Chronic Alcohol Use
	Gela Beruashvili – Clinical Toxicologist of the First University Clinic, TSMU	Toxic Pancreatitis and Hepatotoxicity: Pathogenetic Links Between Organ Injuries
	Eka Kurdadze – Clinical Toxicologist, Head of Toxicology Direction of the First University Clinic; Assistant Professor of Anesthesiology, Reanimatology and Toxicology Department, TSMU	Toxic Cardiomyopathy and the Spectrum of Cardiotoxicity in Severe Poisoning: A Case Study
	Mariam Metreveli – Clinical Toxicologist of the First University Clinic, TSMU **Davit Topuria** – Clinical Toxicologist, Associate Professor of TSMU	Pesticide Poisoning: Diagnostic Difficulties and Fulminant Hepatic Failure
	Lela Asambadze – Clinical Toxicologist of the First University Clinic, TSMU	Calcium Channel Blocker Poisoning: Diagnostic and Therapeutic Challenges in Emergency Medicine
	Aleksandre Loladze – Anesthesiologist-Reanimatologist, Clinical Toxicologist of Rustavi Central Hospital; Vice Rector of Geomedi University, Assistant Professor	Acute Intoxication caused by opioid drugs: Complication and prevention
15:30-16:00	**Lunch**	
16:00-18:00	**Session №7** (Conference Hall №1) **Pediatric and Neonatal Critical Care** **Moderators:** Associate Professors - Nino Tskhvediani, Liana Dzidziguri; Tamar Goginashvili (Contd.)	
	Nikoloz Buadze – Pediatric Surgeon of Givi Zhvania Pediatric University Clinic, TSMU, Associate Professor	Laparoscopic-Endoscopic Treatment of Gastrointestinal Bleeding in Children
	Mariami Jinjikhadze –Anesthesiologist-Reanimatologist of Givi Zhvania Pediatric University Clinic, TSMU	Necrotizing Fasciitis Caused by Odontogenic Infection: Diagnosis and Management
	Ia Epitashvili – Anesthesiologist-Reanimatologist of Givi Zhvania Pediatric University Clinic, TSMU	Diagnosis and Management of Congenital HIV Infection in Infants
	Robert Makharashvili – Anesthesiologist-Reanimatologist of Givi Zhvania Pediatric University Clinic, TSMU	Early Recognition and Management of Neutropenic Sepsis After Hematopoietic Stem Cell Transplantation in Children
	Ketevan Gabriadze – Anesthesiologist-Reanimatologist of Givi Zhvania Pediatric University Clinic, TSMU	Hyperoxia in Pediatric Critical Care

	Gvantsa Kobaidze – Anesthesiologist-Reanimatologist of Givi Zhvania Pediatric University Clinic, TSMU	A Rare Complication of Epstein-Barr Virus: Clinical Case Discussion
	Tamar Ratiani – Pediatric Emergency Medicine Physician of Givi Zhvania Pediatric University Clinic, TSMU	Management of Sepsis Caused by Acute Sphenoiditis in Pediatric Patients
16:00-18:00	**Session №9 (**Conference Hall №2**)** **Traumatology and Emergency Medicine** **Moderators**: Kakha Bukia, Merab Kapanadze, Giorgi Loria	
	Vazha Bardavelidze – Orthopedic-Traumatologist of the Caucasus Medical Center	Pelvic Fractures
	Aleksi Tighilauri – Orthopedic-Traumatologist of the First University Clinic, TSMU	Management of Scaphoid Fractures
	Giorgi Lomia – Orthopedic Traumatologist at Mediclab Georgia	Management of acute trauma in ER
	Giorgi Phutkaradze – Orthopedic Trauma Surgeon, Batumi Medical Center (BMC), Batumi, Georgia	Management of Massive Acetabular Bone Defects in Revision Hip Arthroplasty Using Custom 3D-Printed Implants
	Paata Zakaraia – Orthopedic Traumatologist of the First University Clinic, TSMU	Management of High-Energy Long-Bone Injuries
	Levan Paniashvili – Orthopedic Traumatologist of the First University Clinic, TSMU	Finger Partial Amputations: Reconstruction of Defects
	Levan Gochiashvili – Orthopedic Traumatologist of the First University Clinic, TSMU	Surgical Management of Traumatic Acromioclavicular Joint Dislocations
	Daviti Shubitidze – Traumatologist of First University Clinic, TSMU	Femoral Neck Fracture Management in Elderly Patients

14 November 2026 – DAY III

Tbilisi State Medical University

Time	Speaker	Topic
09:00–10:00	**Registration**	
10:00–12:00	**Session №10** (Conference Hall №1) Neurocritical Care **Moderators:** Professors - Shota Ingorokva, Gocha Chutkerashvili, Mirza Khinikadze	
	Professor Mirza Khinikadze – Neurosurgeon of Caucasus Medical Center; **Koka Gogichashvili** – Neurosurgeon, New Vision University	Modern Challenges in the Treatment of Ischemic Stroke and the Georgian Reality
	Iakob Tsertsvadze – Head of Neurosurgery at West Georgia Medical Center	Surgical Outcomes and Recovery in Conventional Versus MIS-TLIF: A Single-Center Experience in a Middle-Income Healthcare System
	Marina Goginashvili – Chief Epidemiologist of Shida Kartli Region and the Military Hospital of the Defense Ministry of Georgia	Measles-Induced Subacute Sclerosing Panencephalitis (Dawson's Disease): Clinical Characteristics and Diagnostics
	Professor Vladimer Tsikarishvili – Head of Neurosurgery Direction, Caucasus Medical Center	Acute Vascular Pathologies
	Professor Shota Ingorokva – Head of Neurosurgery Direction, Ingorokva Clinic	Interdisciplinary Surgical Treatment of Skull Base Fractures
	Professor Gocha Chutkerashvili – Clinical Director of Innova Medical Center; **David Gugava** – Head of the Neurosurgical Department at St. Michael Hospital	Cervical Injuries
	Professor Gogi Maghalashvili – Head of Neurosurgery Direction, Institute of Clinical Oncology (ICO) - Medical Hub; **Giorgi Chiaberashvili** – Neurosurgeon of the Neurosurgical Department, Institute of Clinical Oncology (ICO) - Medical Hub	Surgical Treatment of Hemorrhagic Complications of Congenital Vascular Pathologies
	Tamar Gogichaishvili – Head of the Department of Anesthesiology and Intensive Care, Institute of Clinical Oncology (ICO) - Medical Hub	Anesthetic Management of Awake Craniotomy
	Nana Taktakishvili – Head of the Critical Care Medicine Center, Ghudushauri Clinic; Assistant Professor, Caucasus International University; **Lika Khorbaladze** – Neurosurgeon, Ghudushauri Clinic; Assistant Professor, Ken Walker International University; **Magda Tortladze** – Dean of the Faculty of Medicine, Caucasus International University; Obstetrician-Gynecologist, Chachava Clinic	Emergency Neonatal Neurosurgery

	Velodi Gakharia – Head of the Neurosurgery Department, First University Clinic, TSMU; **Aleksandre Kordzadze** – Neurosurgeon of Neurosurgery Department, First University Clinic, TSMU	Spinal Infections and Surgical Management
	Professor Maia Beridze – Head of the Department of Propedeutics and Topical Diagnosis of Neurological Diseases	Guillain-Barré Syndrome in Spinal Trauma
	Nana Saralidze – Head of the Neurology Department of First University Clinic, TSMU	Thrombolysis
10:00-12:00	**Session N11.** (Conference Hall №1) **Internal Medicine** **Moderators:** Professors - Tamar Kandashvili, Maka Buleishvili; Nino Khunashvili.	
	Professor Maria Theodorakopoulou – President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of TSMU	Critical Care Nutrition 2026. What the evidence really supports
	Tamar Saralidze – Assistant Professor of Internal Diseases, Department No. 1, TSMU; **Medea Jgharkava** – Assistant Professor of Internal Diseases Department No. 1, TSMU;	Immunological Status of Patients with Acute Ischemic Diseases
	Tamar Svanidze – Assistant Professor of Internal Diseases Department No. 1, TSMU; **Irma Mamatsashvili** – Associate Professor of Internal Diseases Department No. 1, TSMU;	Assessment of Cardiovascular and Immunological Parameters in Pregnant Women with Arterial Hypertension
	Eka Arziani – Cardiologist of First University Clinic, TSMU; **Professor Tamar Kandashvili** – Head of the Internal Medicine Direction of First University Clinic, TSMU	Changes in Hemorheological Parameters and Their Impact on the Course of Heart Failure
	Maia Gotsadze – Assistant Professor of Internal Diseases Department No. 3, TSMU; **Marina Noniashvili** – Associate Professor of Internal Diseases Department No. 3, TSMU;	Contemporary Approaches to the Diagnosis and Management of Pulmonary Embolism
	Liza Goderdzishvili – Head of the Intensive Care Department at COI Medical Hub, Head of the Internal Medicine Residency Program at David Tvildiani Medical University	Cases of Diabetic Ketoacidosis Following Bariatric Surgery in Patients with Type 2 Diabetes
	Lali Patsia – Cardiologist of First University Clinic, TSMU	Abdominal STEMI – A Challenge in Critically Ill Patients
	Nina Filipova–Assistant Professor, BAU International University, Batumi	Rheumatological Diseases as a Cause of Emergency Hospitalizations: Analysis of BAU Hospital Experience

	Gia Barabadze – Head of Emergency Medicine Department, First University Clinic, TSMU	Prognostic Significance of the Association Between Clinical and Laboratory Parameters and Breast Cancer Markers in Atherosclerosis-Induced Chronic Kidney Disease (CKD)
	Ana Shamanadze – Nephrologist of Todua clinic, Associate professor at Georgian American University (GAU)	Importance of Quality-of-Life Assessment in the Care and Management of Hemodialysis Patients
	Natia Katamadze – Associate Professor of Caucasus University, Endocrinologist of Clinic Enmedic; **Professor Tamar Kandashvili** – Head of the Internal Medicine Direction of First University Clinic, TSMU	Gut Microbiota, Probiotics and Obesity: What Does Current Evidence Show?
12:00-12:30	**Coffee Break**	
12:30–13:30	**Session №12** (Conference Hall №1) **Artificial Intelligence, Evidence, and Digital Transformation in Emergency and Critical Care** **Moderators:** Professors - Sandro Gamkrelidze, Daniele Roberto Giacobbe	
	Daniele Roberto Giacobbe –Associate Professor, Department of Infectious Diseases, Health Sciences Direction, Genoa University, Genoa, Italy	Antibiotic Choices for Bloodstream Infections in the ICU: Navigating Therapy in the AI era
	Professor Maria Theodorakopoulou – President-Elect, European Society of Intensive Care Medicine (ESICM), Vice-President, Hellenic Society of Intensive Care Medicine (HSICM); Visiting Professor of TSMU	AI Augmented Nutrition in the ICU
	Professor Sandro Gamkrelidze –Head of Informatics Department, Tbilisi State University	The Structure of the Intelligence Revolution: Principles and Applications of Artificial Intelligence
	Thornike Zedelashvili – Specialist at the Information Security Department of the Digital Governance Agency of the Ministry of Justice.	Artificial Intelligence in Medicine: How New Technologies Are Transforming Healthcare
12:30-15:00	**Session №13 (**Conference Hall №2) **Young Researchers and Scientists Forum: Research, Innovation, and Future Leaders** **Moderators:** Associate Professors Shorena Khetsuriani and Natia Gamkrelidze; Medical Faculty Students - Vakhtang Mazanashvili and Ioseb Nozadze.	
	Data Kekutia – Resident, National Institute of Endocrinology	Clinical Proxy Markers of Adrenometabolic Dysregulation in ICU Patients with Sepsis and Septic Shock
	Elene Melikidze – PhD Student, TSMU	The Importance of Newborn Screening in Preventing Intensive Care Admissions for Severe Combined Immunodeficiency (SCID): Lessons from a High-Consanguinity Cohort
	Nino Kekenadze – Oncology Resident, Pineo Medical Ecosystem	Oncology and Emergency Medicine - When time determines outcome

	Mariam Giorgashvili – Pediatrics Resident, TSMU, Junior Doctor, Reiman Clinic	Acute Management of Prolonged Febrile Seizures in Children
	Tamar Burjanadze – Cardiology Resident, TSMU, Junior Doctor, Reiman Clinic	Beyond Troponin: Rethinking Acute Myocardial Infarction in the Emergency Department
	Mariam Tsanatskenishvili –Junior Doctor, First University Clinic of TSMU	From Odontogenic Infection to Mediastinitis: A Life-Threatening Surgical Emergency
	Nino Ormotsadze –Anesthesiology and Reanimatology Resident of First University Clinic, TSMU	Antibiotic Resistance Gene Profiles and Their Association with Disease Severity, Pathophysiological Parameters, and Clinical Outcomes
	Teona Aivazashvili – Anesthesiology and Reanimatology Resident of First University Clinic, TSMU	Management of Severe Acute Kidney Injury in Critically Ill Patients with Fluid Overload
	Saba Rurua – Student of Tbilisi State Medical University, Faculty of Medicine **Supervisor: Levan Ratiani**	Patient Care and Early Rehabilitation
13.30-15.50	**Marine Mikoyan –** Instructor of First Aid Training Center **Training Course** - Basic Life Support (BLS): Key Aspects of Cardiopulmonary Resuscitation **(**Conference Hall №4**)**	
15.00-16.00	**Lunch**	
16.00-17.00	**High-Level Expert Round Table (**Conference Hall №4**)** **Participants:** Maria Theodorakopoulou, Arzu Topeli (İskit), Despoina Koulenti, Christie Fritz, Thomas Musich, Iryna Romanava, Levan Ratiani, Nona Kakauridze, Shota Goliadze, Ramaz Kalandadze, Gia Barabadze, Amiran Gogitidze, Tamara Megrelishvili, Elene Pachkoria, Luiza Gabunia, Tamar Didbaridze, Vakhtang Shoshiashvili, Ketevan Machavariani, Tsotne Samadashvili, Tamar Kandashvili. **Future of Emergency and Critical Care: Building an Integrated, Sustainable, Evidence-Based System:** ● Prospects for the Development of Intensive Care in Georgia; ● Antimicrobial Resistance Problems and Strategies for Their Management; ● Multidisciplinary Collaboration in Emergency Medicine; ● Modern Approaches to the Management of Acute Conditions in the Postpartum Period.	
16.00-18.00	**Session №13** (Conference Hall №2) **Young Researchers and Scientists Forum: Research, Innovation, and Future Leaders** **Moderators:** Associate Professors Shorena Khetsuriani and Natia Gamkrelidze; Medical Faculty Students - Vakhtang Mazanashvili and Ioseb Nozadze (Contd.)	
	Elene Saribekovi –Resident of Infectious Diseases, TSMU **Supervisor: Levan Ratiani**	Lung Ultrasound Evaluation in Intensive Care: Diagnostic Principles, Clinical Application, and AI-Assisted Interpretation
	Keso Khachidze – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Keti Dalakishvili**	Acute Kidney Injury of Undetermined Etiology and Its Management with Renal Replacement Therapy: A Case Report
	Magda Makhatadze – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Natia Gamkrelidze**	The Role of Gluconeogenesis in Emergency Medicine: Metabolic Adaptation in Critical Conditions

	Mariam Varazashvili – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Velodi Gakharia**	Cushing's Triad as a Clinical Indicator of Impending Brain Herniation: Diagnostic Value and Emergency Management
	Mariam Kakhaberi – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisors: Koka Kacharava, Manana Gongadze**	Contemporary Approaches to Fluid Resuscitation in Septic Shock: The Use of Crystalloids and Colloids
	Ana Bokhua, Kristina Menabde – **S**tudents of the Faculty of Medicine, TSMU **Supervisor: Kakhaber Chelidze**	When eating triggers sweating: a case of post-traumatic frey's syndrome.
	Nino Gelashvili – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisors: Maia Svanidze, Neli Pkhaladze**	Adrenal Crisis, a Life-Threatening Endocrine Emergency – A Clinical Case
	Amiko Tutberidze, Vakhtangi Mazanashvili – Students of the Faculty of Medicine, TSMU, Members of the Scientific Research Club "Nexus" **Supervisors: Magda Rurua, Luiza Gabunia**	Critical Conditions of Toxic and Allergic Genesis in Intensive Care: Differential Diagnostics and Management of Cardiorespiratory Syndromes
	Ana Gabunia – Student at TSMU Faculty of Medicine, Member of the Scientific Research Club"Nexus" **Supervisor: Luiza Gabunia**	Acute Arsenic Poisoning in Emergency Medicine: Contemporary Approaches to Diagnosis and Management
	Gvantsa Khuroshvili – Student of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisors: Koka Kacharava, Shorena Khetsuriani**	Cefepime/Zidebactam Combination: New Perspectives in the Management of Sepsis and Septic Shock Caused by Multidrug-Resistant Gram-Negative Bacteria
	Temuri Kopadze – Student of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Ivlita Khvedelidze**	Management of Severe Polytrauma Following a Fall from an Eight-Story Building: A Case Report and Evaluation of Adherence to International Guidelines
	Ioseb Nozadze – Student of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Giorgi Sekania**	Epidemiological Trends and Clinical Management of Subdural Hematoma: Global and Local Perspectives
	Zurab Chochia – **S**tudent of the Faculty of Medicine, TSMU, Member of the Scientific Research Club "Nexus" **Supervisor: Kakhaber Bukiya**	Isolated Injury or Systemic Trauma? Damage Control Resuscitation in the Decompensated Elderly Patient

	Mariam Namgaladze, Saba Papiashvili - **S**tudents of the Faculty of Medicine, Tbilisi State University; Members of the Scientific Research Club "Nexus" **Supervisor: Velodi Gakharia**	Trigeminal Neuralgia: Emergency Management and Neurosurgical Considerations
18:00 – 18:30	**Conference Closing / Summary / Certificate Awarding** (Conference Hall N2)	

