

## **Conference (G1): Current issues in Critical Care Medicine**

*(Georgian, English, Russian simultaneous translation)*

**Friday, 26 September, 2025**

***Room King Tamar***

11:00-14:00 ***Session I ( Room King Tamar)***

**Moderators: Konstantin Lebedinskii (RF), Peter Biro (Switzerland)**

11:00-11:20 **Shavlegi Kutaladze (GE)** – Management of hemodynamic instability in obstetric anesthesia.

11:20-11:50 **Mikhail Kirov (RF)** - Antibacterial therapy for sepsis and septic shock.

11:50-12:10 **Martin Marinov (UK)** - Controversies in interventional pain management for chronic non-cancer pain: is the best evidence the best treatment?

12:10-12:30 **Martin Dworschak (Austria)** - Update on post-resuscitation patient management.

12:30-12:50 **Peter Biro (Switzerland)** - Neuromuscular transmission monitoring in clinical context.

12:50-13:10 **Keso Skhirtladze-Dworschak (Austria)** – Frailty syndrome and cardiac surgery: preoperative risk evaluation.

13:10-13:30 **Bishwas Pradhan (Nepal)** - Tetralogy of Fallot: experience & recent advances in anesthetic management.

13:30-14:00 **Konstantin Lebedinskii (RF)** - Quantifying pain: Do we need it?

14:00-15:00 ***Coffee break***

15:00-18:30 ***Session II (Room King Tamar)***

**Moderators: Andrey Varvinskiy (UK), Bishwas Pradhan (Nepal)**

**15:00-15:20 Martin Dworschak (Austria)** - Cerebral saturation during cardiopulmonary resuscitation.

**15:20-15:40 Andrey Varvinskiy (UK)** - Management of tracheal intubation in intensive care patients.

**15:40-16:00 Richard Hughes (UK)** - Management of unanticipated difficult intubation in adults.

**16:00-16:20 Peter Biro (Switzerland)** - Management of difficult and failed intubation in obstetrics.

**16:20-16:40 Frank Aldridge (UK)** - Paediatric difficult airway management.

**16:40-17:00 Keso Skhirtladze-Dworschak (Austria)** - Anesthesia for tracheal resection and reconstruction.

**17:00-17:20 Bishwas Pradhan (Nepal)** - Patient blood management: Emerging concepts.

**17:20-17:50 Konstantin Lebedinskii (RF)** - Many-faced sepsis.

**17:50-18:20 Mikhail Kirov (RF)** - Respiratory support for ARDS.

**18:20-18:40 Alexey Severtsev (RF)** - Embolization and administration of coagulation factors in complex treatment of recurrent erosive bleeding in pancreonecrosis.

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**18:20-19:30 *Working meeting of the Society of Anesthesiologist-Reanimatologist (Room King Tamar)***

**Moderators: Davit Sergeenko, Giorgi Grigolia, Tamar Gogichaishvili**

**18:20-18:40 Kakha Nuralidze, Tsotne Samadashvili, Davit Kazaishvili, Levan Ratiani** - Form and future of professional association.

**18:40-18:50 Samson Kadjaia, Mamuka Khachiashvili, Tamar Macharadze, Vasil Khachiashvili** - Issues of professional protection.

18:50-19:00 **Iamze Agdgomelashvili, Mzia Beridze, Zeinab Pagava** - Scientific direction.  
Unified vision.

19:00-19:10 **Maia Kobuladze, Gocha Abashidze, Iago Takidze**, - Inclusion of regions in a single professional space.

19:10-19:20 **Irakli Mikadze, Shorena Potskhishvili** - Educational supervision over syllabi.

19:20-19:30 ***Conclusion***

## **Saturday, 27 September, 2025**

10:00-13:00 ***Session III (Room King Tamar)***

**Moderators: Irakli Natroshvili (GE), Nino Ninidze (Austria)**

10:00-10:20 **Nino Ninidze (Austria)** - Cancer pain therapy, news.

10:20-10:40 **Mirza Khinikadze (GE)** - Modern multidisciplinary management of aneurysmal subarachnoid hemorrhage.

10:40-11:00 **Irakli Natroshvili (GE)** - From intensive therapy to active living.

11:00-11:20 **Anatoly Ivchenko (RF)** - Isolated hyperthermic chemoperfusion of the liver, features of perfusion and anesthesia.

11:20-11:40 **Dmitriy Doroshenko (RF)** - Features of hemodynamics of pregnant women in norm and with myocardial dysfunction.

11:40-12:00 **Vasily Afanasiev (RF)** - Cytoprotectors and pharmacological antagonists in medical toxicology.

12:00-12:20 **Andro Atoshvili (GE)** - The role of artificial intelligence in critical care medicine.

12:20-12:40 **Narek Pogosyan (Armenia)** - Anesthesia and postoperative pain relief of the lower extremities. Alternative solutions.

12:40-13:00 **Anatoly Gnuni (Armenia)** - Anesthetic care and post-operative management of a patient with severe inhibited hemophilia during total hip arthroplasty.

13:00-14:00 *Coffee break*

14:00-17:00 *Session IV (Room King Tamar)*

**Moderators:** Ivane Chkhaidze (GE), Irakli Qitiashvili (RF)

14:00-14:20 **Irakli Qitiashvili (RF)** - The triumphal procession of xenon.

14:20-14:40 **Nino Ninidze (Austria)** - Spinal canal stimulation, new approaches.

14:40-15:00 **Salome Glonti (GE)** - Perioperative management of DM.

15:00-15:20 **Sophio Beridze (GE)** - Patient-centered approach in perioperative medicine.

15:20-15:40 **Ketevan Arabidze (GE)** - Anesthesia during rhinoplasty (TIVA&TCI).

15:40-16:00 **Tamar Macharadze (Germany)** - Depression among Georgian patients undergoing orthopedic surgery.

16:00-16:20 **Vasily Afanasiev (RF)** - The identifying scale to determine origin of poison.

16:20-16:40 **Ilia Nakashidze (GE)** - Infusion therapy in what volumes - SVIT or LVIT?

16:40-17:00 **Mari Lebanidze (GE)** - Natural mineral water "MTIS" - 0% bromate.

17:00-17:20 **Ilia Nakashidze (GE)** - Markers of adequacy of anticoagulant therapy.

17:20-18:00 **Closed ceremony**

**Conference (G2): Acute Medicine**  
***(Georgian)***

***Friday, 26 September, 2025***

***Room King David***

11:00-14:00 ***Session I (Room King David)***

Moderators: Nikoloz Kvachadze, Giorgi Grigolia

11:00-11:20 **David Kazaishvili** - Anesthesiology-Reanimatology-Intensive Care in Georgia.  
Past. Present. Future???

11:20-11:40 **Nato Gorgadze** - The impact of maternal blood lead levels on the course of the intra- and postnatal periods.

11:40-12:00 **Kaha Nuralidze** - Time is brain! The need for effective correlation between neuroradiology and emergency medical departments.

12:00-12:20 **Vasil Khachiashvili** - Intraoperative blood pressure management.

12:20-12:40 **Ana Mkhatvari** - Systemic and central cytokine response during ischemic stroke: immunomodulatory strategies in critical care medicine.

12:40-13:00 **Nikoloz Kvachadze** - Differential diagnosis and management of respiratory distress in the emergency department.

13:00-13:20 **Otar Dikhamindjia** - Clinical significance of metabolic acidosis with increased anion gap in clinical toxicology. Discussion of a clinical case of toxic alcohol poisoning.

13:20-13:40 **Alexander Loladze** - Crystalloid fluids used to correct acid-base disturbances in patients with acute opioid poisoning.

13:40-14:00 **Giorgi Grigolia** - Volume guarantee ventilation for infants and neonates (today's gold standard).

14:00-15:00 ***Coffee break***

15:00-18:30 ***Session II (Room King David)***

**Moderators: Levan Ratiani, Luiza Gabunia**

15:00-15:20 **Teimuraz Kobidze** - Casuistic cases in clinical toxicology.

15:20-15:40 **Irakli Gogokhia**- The anesthesiologist against depression: a perspective on innovative approaches.

15:40-16:00 **Tamar Megrelishvili** - Other respiratory distress syndrome in pregnant women: etiology, pathogenesis and features of views.

16:00-16:20 **Levan Ratiani, Ketevan Machavariani** - Prognostic markers of acute sepsis and septic shock.

16:20-16:40 **Tamar Didbaridze, Elene Pachkoria, Ia Mikadze** - Phenotypic and genotypic characteristics of multidrug-resistant strains in intensive care patients.

16:40-17:00 **Nodar Sulashvili, Luiza Gabunia, Nana Gorgaslidze** - Pharmacotherapy in critical care medicine.

17:00-17:20 **Eka Kurdadze** - Peculiarities of diagnosing acute poisoning and early management errors.

17:20-17:40 **Tornike Zedelashvili** - Artificial intelligence in emergency medicine and intensive care.

17:40-18:00 **Ia Gelenidze** - Medical errors prevention & management – nursing professional standards & scope of practice.

18:00-18:20 **Tamar Gogichaishvili, Alexander Kutubidze** -Balanced hybrid approaches in rhinoplasty: safe combined anesthesia and precisiuous osteotomies.

18:20-18:40 **Nika Rtveliashvili** - Prospects for the use of Nefopam in the management of chronic pain

18:40-19:00 **Pati Gabunia** - Drug induced liver injury.

**Saturday, 27 September, 2025**

***(Room King David)***

10:00-13:00 ***Session III Difficult Airway***

**Coordinator:** Zeinab Pagava (GE), Shavleg Kutaladze (GE)

**Moderators:** Andrey Varvinskiy (UK), Peter Biro (Switzerland), Richard Hughes (UK), Frank Aldridge (UK), Tatiana Kutseva (RF), Samvel Agalariani (GE)

10:00-11:30 **Peter Biro (Switzerland), Richard Hughes (UK) - Videolaryngoscopy.**

**Main goal:** Teach the basic principles of video laryngoscopy (VL) including hyper angulated blade VL and use of adjuncts.

11:30-13:00 **Andrey Varvinskiy (UK), Tatiana Kutseva (RF) - Supraglottic Airway Devices (SADs)**

**Main goal:** Teach the basic principles of insertion of SADs, differences between 1st Generation and 2nd Generation SADs.

13:00-14:00 *Coffee break*

14:00 -17:20 *Session IV Difficult Airway*

**Coordinator:** Zeinab Pagava (GE)

**Moderators:** Andrey Varvinskiy (UK), Peter Biro (Switzerland), Richard Hughes (UK), Frank Aldridge (UK), Tatiana Kutseva (RF), Shavlegi Kutaladze (GE)

14:00-15:30 **Richard Hughes (UK), Frank Aldridge (UK) - Flexible bronchoscopy.**

**Main goal:** Teach the basics of Awake Tracheal intubation.

Two components: Airway topicalization and navigating the airway with a bronchoscope or VL to successfully intubate the trachea in the awake patient.

15:30-17:20 **Andrey Varvinskiy (UK), Peter Biro (Switzerland) - Emergency front of the neck access (eFONA).**

**Main goal:** Front of neck techniques to access the airway in the event of a “Can't Intubate Can't Oxygenate” scenario.

DAS scalpel bougie tube technique on neck with palpable airway anatomy. Explain benefits of Rapifit bougie oxygenation.

Video link to explain Impalpable anterior neck anatomy (IANA) technique of Scalpel finger tube.

17:20 **Conclusion**

17:20-18:00 **Closed ceremony**



**Conference (G3): Non-invasive Radiology in Anesthesiology, Intensive Care and Emergency Medicine**

***(Georgian)***

**Friday, 26 September, 2025**

11:00-14:00 ***Session I: US in anesthesiology and ICU***

**Moderators: Marina Alpaidze, Tea Gubeladze**

11:00 -11:30 **Ilia Nakashidze** - The relevance of radiological studies in anesthesiology, intensive care and emergency medicine.

11:30-12:30 **Tatuli Gubeladze** - Intensive care after thrombectomy.

12:30-13:30 **Marina Alpaidze** - The innovative role of transcranial ultrasound doppler (TCD) in intensive care (ICU) and anesthesiology-resuscitation.

13:30-14:00 **Irakli Tortladze** - Optimal algorithm for planning high-quality radiological cleaving.

14:00-15:00 ***Coffee break***

15:00-18:30 ***Session II: US in anesthesiology and ICU***

**Moderators: Marina Alpaidze, Tea Gubeladze**

15:00-15:30 **Tea Gubeladze** - BLUE Protocol.

16:00-17:30 **Rezo Jorbenadze** - The role of transesophageal echocardiography in medical therapy (ICU) and anesthesia.

17:30-18:30 **Tamar Khabelashvili** - Transesophageal echocardiography master class.

17:30-18:30 **Marina Alpaidze** - Transcranial ultrasound doppler (TCD) masterclass.

17:30-18:30 **Tea Gubeladze** - Masterclass in ultrasound examination of Lung tissue.

**Saturday, 27 September, 2025**

10:00-13:00 *Session III: Session III: Ultrasound Guided Regional Anesthesia techniques and their practical application in Pain Therapy. (In memoriam prof. Ivan Kiss)*

Moderators: Arij Berkovitch (France), Martin Marinov (UK)

***Presenters:***

Vakhtang Shoshiashvili, Prof. Anesthesiologist, (GE)

Rtveliashvili Nika, Anesthesiologist, (GE)

Vasil Khachiaashvili, Anesthesiologist, (GE)

Zurab Zakariaashvili, Anesthesiologist, (GE)

Shota Nakashidze, Anesthesiologist, Wolfson Medical Center, Tel Aviv, (Israel)

Martin Marinov, Consultant in Pain Medicine, Royal Free NHS Foundation Trust, (UK)

Svetlana Eremina, Anesthesiologist, German Medical Centre, (RF)

Arij Berkovitch, Anesthesiologist, (France)

**1. NECK. PLEXUS CERVICALIS.**

10:00-10:10 Arij Berkovitch (France) – Anatomy.

10:10-10:25 Zurab Zakariaashvili (GE) – Superficial Nerve block for carotid endarterectomy: clinical case and discussion of Pros and Cons.

**2. UPPER LIMB. PLEXUS BRACHIALIS.**

10:25-10:40 Arij Berkovitch (France) – Blocks: Interscalene, Supraclavicular, Infraclavicular, Axillary and Peripheral Nerves for upper limb surgeries.

10:40-10:55 Martin Marinov (UK) – Interventions on the Brachial Plexus and Peripheral Nerves for Chronic Pain Therapy: Similarities and Differences.

10:55-11:30 Practical Exercises.

**3. LOWER LIMB. PLEXUS LUMBALIS. PLEXUS SACRALIS.**

11:30-11:40 **Arij Berkovitch (France)** – Anatomy.

11:40-11:55 **Arij Berkovitch (France)** – Iliohypogastric, Ilioinguinal, Femoral, Obturatorius, LFCN (lateral femoral cutaneous nerve), Ischiadicus Nerves blocks.

11:55-12:10 **Svetlana Eremina (RF)** – Suprainguinal fascia Iliaca block for hip surgery.

12:10-12:30 **Martin Marinov (UK)** – Interventions on the Iliohypogastric, Ilioinguinal, Genitofemoral and LFCN (lateral femoral cutaneous nerve) Nerves for Chronic Pain Therapy: Similarities and Differences.

12:30-13:00 **Practical Exercises.**

13:00-14:00 *Coffee break*

14:00-17:30 *Session IV: Session III: Ultrasound Guided Regional Anesthesia techniques and their practical application in Pain Therapy. (In memoriam prof. Ivan Kiss)*

Moderators: **Arij Berkovitch (France)**, **Martin Marinov (UK)**

### **3. Paravertebral or ESP (erector spinae plane) Blocks for Thoracic Surgery: Pros and Cons**

14:00-14:10 **Arij Berkovitch (France)** – Paravertebral blocks.

14:10-14:25 **Vasil Khachiashvili (GE)** – ESP (erector spinae plane) and SAP (Serratus Anterior Plane) Blocks.

14:25-14:40 **Arij Berkovitch (France)** – QLB (Quadratus lumborum blocks) block during C-section and abdominal surgery.

14:40-14:55 **Shota Nakashidze (Israel)** – TAP (transversus abdominis plane) Block.

14:55-15:10 **Martin Marinov (UK)** – Paravertebral, ESP (erector spinae plane), QLB (Quadratus lumborum blocks), SAP (Serratus Anterior Plane), PEC (Pectoralis nerve) blocks and interventional approaches for chronic pain management: similarities and differences.

15:10-15:40 **Practical Exercises.**

#### **4. Pediatric Regional Anesthesia – What's New?**

15:40-15:55 **Rtveliashvili Nika (GE)** – Features of regional anesthesia in pediatric practice.

15:55-16:20 **Practical Exercises.**

#### **5. Our Future Lies in the Past**

16:20-16:35 **Vakhtang Shoshiashvili (GE)** – What is the rational of the using nerve stimulation for US-guided nerve blocks?

16:35-16:45 **Vakhtang Shoshiashvili (GE)** – Brachial plexus blocks without ultrasound!?

16:45 -17:00 **Arij Berkovitch (France), Martin Marinov (UK)** - Pudendal Block with electrical nerve stimulators?

17:00-17:20 **Practical Exercises.**

17:20-17:30 **Conclusion.**