

## ***Standards for Critical Medicine Unit in Georgia***

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### ***Abstract***

The critical medicine unit is intended for patients who benefit from more detailed observation and invasive treatment than would be possible in the intensive care unit or inpatient settings.

The critical medicine unit is the highest level of patient care and treatment. The main purpose of this department is the final recovery of the patient. It includes the constant monitoring from doctors, nurses, physiotherapists and others. The critical medicine unit is designed for the prevention, diagnosis and treatment of various organ failures. It should have: nurses: patient ratio 1:1, additional nurses if necessary, 24hour continuous monitoring and possibility of complete support in cases of various organs failures.

The critical care unit is designed for patients with following criteria: who needs in enhanced respiratory support, or support of two or more organs, also for patients with chronic failure of one or more organ function. The average duration of patient stay in critical medicine unit is 48 hours. This guideline also states that a patient who no longer needs significant support (for example, in mechanical ventilation) should soon be transferred in another department. According to the general recommendations, an average 60-70% of critical medicine unit beds must serve for patient's resuscitation. On the same time resuscitation beds should be ready for receiving 95% of emergencies.

The department's arrangements and services must be up to date according to modern standards. Constant retraining of doctors and nurses is needed. It is imperative, that physicians which are working in this department must be specialized in all aspects of emergency medicine. Also, they should be trained in resuscitation planning and organizational audit. In the future, resuscitation doctors will train in emergency medicine during at least one year. Full-time doctors, as well as department heads, must have a scientific degree.

Resuscitation nurse training requirements: qualification required in critical medicine, also advanced life support and basic life support certificates.



### ***Biography:***

Levani Ratiani is an Anesthesiology / Resuscitation professional Working at TSMU First University Clinic as the General Director of the Tbilisi State Medical University since 2018.

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