

Progress report of the critical care medicine institute's clinic in 2010
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In 2010, in Critical Care Medicine Institute were observed 785 patients being in critical condition, total number of bed-days constituted 3248. Average number of bed-days is – 4, 1.

Key words: Critical Care Medicine, Nosology, Georgian Medical Standards.

Introduction: Here is given a timetable, where is shown the working of the clinic in 2010. The time table is done due to nosology. There are shown all standards, which are working in Critical Care Medicine, also the number of all patients, nosology, lethality and bed-days.

Clinical result of Critical Care Medicine Institute in 2010. According to Nosology, Bed-days and Lethality.				
	Patients	Died Patients	Bed - Days	Code
Acute Respiratory failure	138	51	662	6269
Septic shock	34	26	132	6270
Acute Heart failure	34	18	112	6271
Poly-trauma	28	9	129	6273
Hypovolemic shock	37	13	116	5363
Traumatic shock	1		4	5366
Endotoxic shock	37	24	81	5368
Asthma status	7	1	39	5362
Stroke	139	49	812	5353
Hemorrhagic insult	123	90	459	5354
Encephalitis, Encephalomyelitis	7	3	50	5355
Toxic Encephalopathy	31	2	81	5358
Acute Hepatic failure	19	9	51	5349
Undifferentiated shock	4	2	25	5359
Diabetic coma	15	2	29	6272
Status of Epilepsy	7		14	5361
Anoxic injury of head brain	35	25	129	5360
Other Tetanus	1		16	5348
Cardiac shock	45	35	124	5365
Acute Renal failure	13	3	53	5356
Intracranial injury	14	5	99	5357
Anaphylactic shock	1		1	5364
Surgical Patients	15			41
All	785	367	3248	
Act cost	11			
		46,75%		

Conclusion

In 2010, in Critical Care Medicine Institute were observed 785 patients being in critical condition, total number of bed-days constituted 3248. Average number of bed-days is – 4, 1. The number of patients under 60 years were 245, which constituted 31, 2% of entered patients. Compared with last years the number of patients is increased. For example, in 2007, there were treated 355 patients in the clinic, in 2008, there number was 421 and in 2009, 492 patients. In 2007, number of bed-days was 1213, in 2008, 1585 bed-days and in 2009, 2198 bed-days. In 2007, average number of bed-days was 3.4. In 2008, it constituted 3.7 bed-days, in 2009 4.5 bed-days. Critical condition caused by acute stroke was appeared in 322 patients, which are 124 patients more than last year. 139 cases from them were ischemic insult and 139 of them – hemorrhagic insult. Lethality constituted 35, 3%. There appeared high rate of lethality in the case of critical condition caused by hemorrhagic insult – 73, 1%. It should be mentioned that 10, 6% of died patients comes on ones who entered the clinic in agony condition and stayed in the clinic for non-complete day. 28 patients entered with poly-trauma, 34 patients – with septic condition, 138 – with acute respiratory failure, 37 – with hypovolemic shock, 37 – with toxic encephalopathy, 34 – with acute heart failure, 32 – with hepato-renal failure, 45 – with cardiac shock, 14 – with intracranial injury, 15 – with diabetic coma, also there was treated one patient in the clinic with Tetanus. In 2010, rate of lethality was decreased in the case of poly-trauma 32,1%, which is less than last year 5, 9% . There still is high rate of lethality in the case of hemorrhagic stroke – 73, 1%, endotoxic shock – 64, 8%, cardiac shock – 77%. Lethality rate is low in the case of toxic encephalopathy – 6%, diabetes – 13%, asthma status – 14%.

The cost of bed-days was 600 GEL, which included all necessary drugs, one use medical devices, patient treatment equipments, necessary laboratory and diagnostic searches. This price did not include expensive diagnostic searches such as: computer tomography, nucleic magnetic resonance search, doplerography, electro encephalography, gastroscopy, bronchoscopy. Also blood, drug cost more than 100 GEL is not included.