

Table 1: Characteristics of the 1,756 postoperative patients admitted to the intensive care unit, according to years.

Patient Characteristics	2008	2009	2010	2011	2012	Totally	p
	(n =77)	(n =104)	(n =444)	(n =409)	(n =662)	(n =1756)	
Age (years) ^a	62 (4-91)	64 (1-91)	65 (6-94)	62 (2-93)	63 (2-93)	63 (1-94)	0.081
Sex (male/female)	41/36	92/72	237/207	232/177	410/252	1,012/744	0.056
Department							0.071
General Surgery	40 (51.9)	63 (38.4)	162 (36.5)	137 (33.5)	244 (36.9)	646 (36.8)	
Neurosurgery	22 (28.6)	38 (23.2)	100 (22.5)	105 (25.7)	133 (20.1)	398 (22.7)	
Obstetrics & Gynecology	2 (2.6)	3 (1.8)	12 (2.7)	11 (2.7)	21 (3.2)	49 (2.8)	
Orthopedics	6 (7.8)	23 (14.0)	74 (16.7)	59 (14.4)	86 (13.0)	248 (14.1)	
ENT Surgery	2 (2.6)	8 (4.9)	33 (7.4)	40 (9.8)	66 (10.0)	149 (8.5)	
Urology	4 (5.2)	29 (17.7)	62 (14.0)	52 (12.7)	102 (15.4)	249 (14.2)	
Other	1 (1.3)	0 (0)	1 (0.2)	5 (1.2)	10 (1.6)	17 (0.9)	
Types of surgery							<0.001
Emergency	35 (45.5)*	38 (23.2)*	46 (10.4)	68 (16.6)	99 (15.0)	286 (16.3)	
Elective	42 (54.5)*	126 (76.8)*	398 (89.6)	341 (83.4)	563 (85.0)	1,470 (83.7)	
Type of anesthesia							0.067
General	74 (96.1)	137 (83.5)	373 (84.0)	350 (85.6)	572 (86.4)	1,506 (85.8)	
Regional	3 (3.9)	27 (16.5)	71 (16.0)	59 (14.4)	90 (13.6)	250 (14.2)	
Reason of admission							0.224
Hemodynamic instability	21 (27.3)	28 (17.1)	52 (11.7)	63 (15.4)	88 (13.3)	252 (14.4)	
Major surgery	22 (28.6)	62(37.8)	200 (45.0)	175(42.8)	276 (41.7)	735 (41.9)	
Metabolic instability	11 (14.3)	3 (1.8)	11 (2.5)	7 (1.7)	13 (2.0)	45 (2.6)	
Perioperative arrest	2 (2.6)	5 (3.0)	4 (0.9)	5 (1.2)	8 (1.2)	24 (1.4)	
Postop respiratory failure	10 (13.0)	11 (6.7)	31 (7.0)	19 (4.6)	30 (4.5)	101 (5.8)	
Co-existing disease	11 (14.3)	55 (33.5)	146 (32.9)	140 (34.2)	247 (37.3)	599 (34.1)	
Length of stay ^a	12 (1-103)*	3 (1-226)*	1 (1-418)	1 (1-418)	1 (1-304)	1 (1-418)	<0.001
Duration of MV ^a	11 (0-103)*	1 (0-226)	1 (0-418)	1 (0-418)	1 (0-302)	1 (0-418)	<0.001
GCS	12.9 ± 3.3	14.2 ± 2.3	14.5 ± 1.9	14.5 ± 2.0	14.6 ± 1.8	14.4 ± 2.0	0.656
APACHE II score	17.6 ± 7.1*	13.9 ± 5.8	11.9 ± 5.0	13.4 ± 5.9	13.7 ± 5.6	13.3 ± 5.7	<0.001
Outcome							<0.001
Exitus	61 (79.2)*	48 (29.3)*	43 (9.7)	43 (10.5)	61 (9.2)	256 (14.6)	
Discharge to ward	16 (20.8)*	116 (70.7)*	401 (90.3)	366 (89.5)	601 (90.8)	1,500 (85.4)	

Data are given as: mean ± standard deviations, number and percent in brackets (% within the year), ^a: median (maximum-minimum), *: significant differences compare to other years, ENT: Ear Nose Throat, MV: Mechanical Ventilation, GCS: Glasgow Coma Score, APACHE: Acute Physiology and Chronic Health Evaluation.