

Table 1 Demographic and clinical characteristics of burns patients, Ahvaz, Islamic Republic of Iran, October 2020 to September 2021

Variables		N = 400	Survivors (n= 257)	Nonsurvivors (n= 143)	P value
Age, mean (SD)		28.47 (19.09)	24.96 (18.37)	34.77 (18.9)	<0.001
Age, yrs	<10	100 (25)	83 (83.0)	17 (17.0)	<0.001
	11–20	45 (11.25)	28 (62.22)	17 (37.78)	
	21–30	67 (16.75)	43 (64.18)	24 (35.82)	
	31–40	87 (21.75)	48 (55.17)	39 (44.83)	
	41–50	45 (11.25)	31 (68.89)	14 (31.11)	
	51–60	36 (9.0)	18 (50.0)	18 (50.0)	
	≥61	20 (5.0)	6 (30.0)	14 (70.0)	
Sex	Male	252 (63.0)	174 (69.05)	78 (30.95)	0.009
	Female	148 (37.0)	83 (56.08)	65 (43.92)	
Marital status	Single	187 (46.75)	132 (70.59)	55 (29.41)	0.016
	Married	213 (53.25)	125 (58.69)	88 (41.31)	
Education level	Illiterate	131 (32.75)	94 (71.76)	37 (28.24)	0.089
	Elementary	83 (20.75)	53 (63.86)	30 (36.14)	
	Middle school	66 (16.50)	43 (65.15)	23 (34.85)	
	High school and diplomaAcademic	107 (26.75)	58 (54.21)	49 (45.79)	
		13 (3.25)	9 (69.23)	4 (30.77)	
Employment	Homemaker	84 (21.0)	39 (46.43)	45 (53.57)	0.002
	Employee	73 (18.25)	50 (68.49)	23 (31.51)	
	Manual worker	168 (42.0)	122 (72.62)	46 (27.38)	
	Unemployed	4 (1.0)	4 (100.0)	0 (0.0)	
	Student	17 (4.25)	13 (76.47)	4 (23.53)	
	Self-employed	52 (13.0)	28 (53.85)	24 (46.15)	
	Retired	2 (0.50)	1 (50.0)	1 (50.0)	
Economic status	Poor	235 (58.75)	132 (56.17)	103 (43.83)	<0.001
	Moderate	159 (39.75)	119 (74.84)	40 (25.16)	
	Good	6 (1.50)	6 (100.0)	0 (0.0)	
Burn depth	First degree	0 (0)	0 (0)	0 (0.0)	<0.001
	Second degree	171 (42.75)	170 (99.41)	1 (0.59)	
	Third degree	229 (57.25)	87 (37.99)	142 (62.01)	
Burn agent	Boiling water & liquids	108 (27.0)	98 (90.74)	10 (9.26)	<0.001
	Fire	228 (57.0)	108 (47.37)	120 (52.63)	
	Chemical	5 (1.25)	5 (100.0)	0 (0.0)	
	Electrical	45 (11.25)	33 (73.33)	12 (26.67)	
	Contact with hot surface	14 (3.50)	13 (92.86)	1 (7.14)	
TBSA%		35.98 (26.69)	20.42 (12.15)	63.95 (22.56)	<0.001
TBSA%	≤15%	110 (27.50)	110 (100.0)	0 (0.0)	<0.001
	16–30%	112 (28.0)	102 (91.7)	10 (8.93)	
	≥31%	178 (44.50)	45 (25.28)	133 (74.72)	
Cause of burn	Accidental	325 (81.25)	252 (77.54)	73 (22.46)	<0.001
	Intentional	75 (18.75)	5 (6.67)	70 (93.33)	
Location of burn	Workplace	52 (13.0)	37 (71.15)	15 (28.85)	0.536
	Home	324 (81.0)	205 (63.27)	119 (36.73)	
	Outside the home	24 (6.0)	15 (62.50)	9 (37.50)	
Debridement	Yes	364 (91.0)	251 (68.96)	113 (31.04)	<0.001
	No	36 (9.0)	6 (16.67)	30 (83.33)	
Length of hospital stay, d		14.18 (8)	15.59 (7.59)	11.66 (8.12)	<0.001
Length of ICU stay, d		6.25 (7.59)	4.14 (7.06)	10.06 (7.03)	<0.001
Blood transfusion	Yes	199 (49.75)	105 (52.76)	94 (47.24)	<0.001
	No	201 (50.25)	152 (75.62)	49 (24.38)	

ICU = intensive care unit; TBSA% = percentage total body surface area affected.