

Table 1. Socio-demographic distributions of people with epilepsy

Variables	Categories	Frequency (n=106)	Patients with anxiety (n = 32)	P-value	Patients with depression (n = 33)	P-value
sex	Male	65 (61.3%)	18 (56%)	0.068	17 (51%)	0.044*
	Female	41 (38.7%)	14 (44%)		16 (49%)	
Residence	Urban	57 (53.8%)	17 (53%)	0.548	14(42%)	0.482
	Rural	49 (46.2%)	15 (47%)		19(58%)	
Occupation	Employed	45 (42.5%)	11 (34%)	0.323	22(67%)	0.249
	Unemployed	61 (57.5%)	21 (66%)		11(33%)	
Education	Literate	74 (69.8%)	19 (59%)	0.096	13(39%)	0.156
	Illiterate	32 (30.2%)	13 (41%)		20(61%)	
Social status	Low	31 (29.2%)	8 (25%)	0.697	11(33%)	0.231
	Middle	66 (62.3%)	11 (34%)		20 (61%)	
	High	9 (8.5%)	13 (41%)		2 (6%)	
Marital status	Single	44 (41.5%)	16 (50%)	0.078	14 (42%)	0.456
	Married	51 (48.1%)	11 (34%)		15 (46%)	
	Divorced	11 (10.4%)	5 (15%)		4 (12%)	
handedness	Right	103 (97.2%)	32 (100%)	0.336	32(97%)	0.095
	Left	3 (2.8%)	0 (0%)		1(3%)	
Consanguinity	Yes	39 (36.8 %)	13(41%)	0.290	12 (36%)	0.348
	No	67 (63.2 %)	19(59%)		21(64%)	
Family history of epilepsy	Yes	19 (17.9%)	5 (15%)	0.679	6 (18%)	0.446
	No	87 (82.1 %)	27(85%)		27(82%)	
Past history of anxiety	Yes	6 (5.7 %)	2 (6%)	0.478	1 (%)	0.082
	No	100 (94.3%)	30 (94%)		32(%)	
Past history of depression	Yes	21 (19.8 %)	4 (13%)	0.165	8(24%)	0.095
	No	85 (80.2 %)	28(87%)		25(76%)	

(*) statistically significant.

Table 2: Clinical features and related risk factors in people with epilepsy

variables	categories	Frequency (n=106)	Patients with anxiety (n = 32)	P-value	Patients with depression (n = 33)	P-value
Semiology of seizure	Absence Myoclonic Tonic- clonic Tonic Atonic Simple partial Complex partial Focal evolving Mixed Symptomatic	1 (0.9%) 5 (4.7%) 36 (33.9%) 4 (3.7%) 3 (2.8%) 6 (5.6%) 7 (6.6%) 9 (8.4%) 4 (3.7%) 31 (29.2%)	0 (0%) 1(3%) 11 (34%) 1 (3%) 1 (3%) 0 (0%) 5 (16%) 2 (6%) 1 (3%) 11 (34%)	0.115	0 (0%) 1 (3%) 11 (33%) 1 (3%) 0 (0%) 1 (3%) 5 (15%) 2 (6%) 1 (3%) 11 (33%)	0.395
Disease duration	1 < 10 years 2 = 10 -19 years 3 = 20 - 29 years 4 > 30 years	16 (15.1%) 41 (38.7%) 38 (35.8%) 11 (10.4%)	6 (19%) 6 (19%) 17 (53%) 3 (9%)	0.125	5 (15%) 10 (30%) 13 (39%) 5 (15%)	0.560
Etiology	unknown Cerebral Palsy Chemical toxins encephalitis Metabolic Post stroke Head trauma Brain tumor post operative	75 (70.8%) 6 (5.7%) 1 (0.9%) 2 (1.9%) 3 (2.8%) 9 (8.5%) 7 (6.6%) 1 (0.9%) 2 (1.9%)	21 (66%) 2 (6%) 0 (0%) 1 (3%) 1 (3%) 3 (9%) 3 (9%) 0 (3%) 1 (3%)	0.942	22 (68%) 2 (6%) 0 (0%) 1 (3%) 1 (3%) 4 (12%) 3 (9%) 0 (0%) 0 (0%)	0.804
(Nocturnal /Diurnal)	Diurnal&nocturnal Diurnal only Nocturnal only On awakening	69 (65.1%) 21 (19.8%) 13 (12.3%) 3 (2.8%)	20 (62%) 6 (19%) 5 (16%) 1 (3%)	0.921	23 (70%) 6 (18%) 3 (9%) 1 (3%)	0.887
seizures in last year	No Yes	83 (78.3%) 23 (21.7%)	22 (69%) 10 (31%)	0.096	23 (70%) 10 (30%)	0.118
Serial seizures	No Yes	99 (93.4%) 7 (6.6%)	30 (94%) 2 (6%)	0.645	33 (100%) 0 (0%)	0.067
Status epilepticus	No Yes	102(96.2%) 4 (3.8%)	31 (97%) 1 (3%)	0.649	32 (97%) 1 (3%)	0.632
Number medication	≥ 2 drugs Monotherapy No drug	30 (28.3%) 72 (67.9%) 4 (3.8%)	11 (34%) 20 (61%) 1 (3%)	0.666	12 (36%) 20 (61%) 1 (3%)	0.472
Anti- epileptic drug	Na valproate Carbamazepine OxeCarbamazepine Levitiracetam Lamotrigine	62(58.5%) 31 (29.2%) 21 (19.8%) 14 (13.2%) 5 (4.7%)	20 (62%) 9 (28%) 7 (22%) 5 (16%) 2 (6%)	0.370 0.531 0.458 0.421 0.478	20 (61%) 11 (33%) 8 (24%) 5 (15%) 1 (3%)	0.468 0.344 0.301 0.454 0.503
Abnormal EEG	No Yes	61(57.5%) 45 (42.5%)	16 (50%) 16 (50%)	0.206	20 (61%) 13 (39%)	0.416
Abnormal CT/MRI	No Yes	85 (80.2%) 21(19.8%)	27 (84%) 5 (16%)	0.335	24 (73%) 9 (27%)	0.151