

Webtable 1

Annual recurrence risks estimated from multivariate model at specific time points post first seizure.

Variable					Months from 1 st seizure	Immediate Treatment		Delayed Treatment	
Aetiology	First Degree Relative with Epilepsy	Seizures Only While Asleep	EEG Results	CT/MRI Scan Results		Risk of seizure within next 12-months (95% CI)	Months from 1 st seizure until annual risk falls below 20%	Risk of seizure within next 12-months (95% CI)	Months from 1 st seizure until annual risk falls below 20%
Cryptogenic/ Idiopathic	No	No	Normal	Normal	6 12	13 (10 to 16) 7 (5 to 10)	1.2	16 (12 to 19) 9 (6 to 12)	3.2
Cryptogenic/ Idiopathic	No	No	Normal	Abnormal	6 12	14 (11 to 17) 8 (5 to 11)	2.1	17 (14 to 20) 10 (7 to 12)	3.6
Cryptogenic/ Idiopathic	No	No	Normal	Not Done	6 12	17 (13 to 20) 9 (7 to 12)	3.5	20 (17 to 23) 11 (9 to 14)	5.7
Cryptogenic/ Idiopathic	No	No	Abnormal	Normal	6 12	20 (16 to 23) 11 (9 to 14)	5.5	23 (20 to 26) 13 (11 to 16)	7.0
Cryptogenic/ Idiopathic	No	No	Abnormal	Abnormal	6 12	21 (18 to 24) 12 (9 to 15)	6.1	25 (22 to 28) 14 (12 to 17)	8.1
Cryptogenic/ Idiopathic	No	No	Abnormal	Not Done	6 12	24 (22 to 27) 14 (12 to 17)	7.8	29 (26 to 32) 17 (15 to 20)	10.0
Cryptogenic/ Idiopathic	No	No	Not Done	Normal	6 12	17 (13 to 20) 9 (7 to 12)	3.5	20 (17 to 23) 11 (9 to 14)	5.7
Cryptogenic/ Idiopathic	No	No	Not Done	Abnormal	6 12	18 (15 to 21) 10 (7 to 13)	4.0	21 (18 to 24) 12 (10 to 15)	6.2
Cryptogenic/ Idiopathic	No	No	Not Done	Not Done	6 12	21 (18 to 24) 12 (9 to 15)	6.1	25 (22 to 28) 14 (12 to 17)	8.1
Cryptogenic/ Idiopathic	No	Yes	Normal	Normal	6 12	19 (15 to 22) 11 (8 to 13)	4.8	22 (19 to 25) 13 (10 to 15)	6.8
Cryptogenic/ Idiopathic	No	Yes	Normal	Abnormal	6 12	20 (19 to 23) 11 (9 to 14)	5.7	24 (21 to 27) 14 (11 to 16)	7.6
Cryptogenic/ Idiopathic	No	Yes	Normal	Not Done	6 12	23 (20 to 26) 14 (11 to 16)	7.0	28 (25 to 30) 16 (14 to 19)	9.8
Cryptogenic/ Idiopathic	No	Yes	Abnormal	Normal	6 12	27 (25 to 30) 16 (14 to 19)	9.2	32 (30 to 35) 19 (17 to 22)	11.8
Cryptogenic/ Idiopathic	No	Yes	Abnormal	Abnormal	6 12	29 (26 to 32) 17 (15 to 20)	10.0	34 (32 to 37) 21 (18 to 23)	16.3
Cryptogenic/ Idiopathic	No	Yes	Abnormal	Not Done	6 12	34 (31 to 36) 20 (18 to 23)	12.5	39 (37 to 42) 24 (22 to 26)	24.4
Cryptogenic/ Idiopathic	No	Yes	Not Done	Normal	6 12	23 (20 to 26) 14 (11 to 16)	7.0	28 (25 to 30) 16 (14 to 19)	9.8
Cryptogenic/ Idiopathic	No	Yes	Not Done	Abnormal	6 12	25 (22 to 28) 15 (12 to 17)	8.2	29 (27 to 32) 17 (15 to 20)	10.5
Cryptogenic/ Idiopathic	No	Yes	Not Done	Not Done	6 12	29 (26 to 32) 17 (15 to 20)	10.0	34 (32 to 37) 20 (18 to 23)	16.3
Cryptogenic/ Idiopathic	Yes	No	Normal	Normal	6 12	17 (14 to 20) 10 (7 to 12)	3.6	20 (17 to 23) 12 (9 to 14)	6.0
Cryptogenic/ Idiopathic	Yes	No	Normal	Abnormal	6 12	18 (15 to 21) 10 (8 to 13)	4.8	22 (19 to 25) 13 (10 to 15)	6.5
Cryptogenic/ Idiopathic	Yes	No	Normal	Not Done	6 12	21 (18 to 24) 12 (10 to 15)	6.3	25 (23 to 28) 15 (12 to 17)	8.7
Cryptogenic/ Idiopathic	Yes	No	Abnormal	Normal	6 12	25 (22 to 28) 15 (12 to 17)	8.7	30 (27 to 32) 18 (15 to 20)	10.7
Cryptogenic/ Idiopathic	Yes	No	Abnormal	Abnormal	6 12	27 (24 to 30) 16 (13 to 18)	9.2	32 (29 to 34) 19 (16 to 21)	11.3
Cryptogenic/ Idiopathic	Yes	No	Abnormal	Not Done	6 12	31 (29 to 34) 19 (16 to 21)	11.3	37 (34 to 39) 22 (20 to 24)	23.6
Cryptogenic/ Idiopathic	Yes	No	Not Done	Normal	6 12	21 (18 to 24) 12 (10 to 15)	6.3	25 (23 to 28) 15 (12 to 17)	8.7
Cryptogenic/ Idiopathic	Yes	No	Not Done	Abnormal	6 12	23 (20 to 26) 13 (11 to 16)	7.0	27 (24 to 30) 16 (13 to 18)	9.2
Cryptogenic/ Idiopathic	Yes	No	Not Done	Not Done	6 12	27 (24 to 30) 16 (13 to 18)	9.2	32 (29 to 34) 19 (16 to 21)	11.3
Cryptogenic/ Idiopathic	Yes	Yes	Normal	Normal	6 12	24 (21 to 27) 14 (11 to 17)	7.7	28 (26 to 31) 17 (14 to 19)	10.0
Cryptogenic/ Idiopathic	Yes	Yes	Normal	Abnormal	6 12	26 (23 to 28) 15 (12 to 17)	8.8	30 (28 to 33) 18 (15 to 20)	10.8
Cryptogenic/ Idiopathic	Yes	Yes	Normal	Not Done	6 12	30 (27 to 33)	10.7	35 (33 to 38)	23.4

Idiopathic					12	18 (15 to 20)		21 (19 to 23)	
Cryptogenic/ Idiopathic	Yes	Yes	Abnormal	Normal	6 12	35 (32 to 37) 21 (18 to 23)	16.3	40 (38 to 43) 25 (22 to 27)	24.6
Cryptogenic/ Idiopathic	Yes	Yes	Abnormal	Abnormal	6 12	37 (34 to 39) 22 (20 to 25)	23.6	43 (41 to 45) 26 (24 to 29)	25.1
Cryptogenic/ Idiopathic	Yes	Yes	Abnormal	Not Done	6 12	42 (40 to 45) 26 (24 to 28)	25.1	49 (47 to 51) 31 (29 to 33)	27.0
Cryptogenic/ Idiopathic	Yes	Yes	Not Done	Normal	6 12	30 (27 to 32) 18 (15 to 20)	10.7	35 (33 to 37) 21 (19 to 23)	23.4
Cryptogenic/ Idiopathic	Yes	Yes	Not Done	Abnormal	6 12	32 (29 to 34) 19 (16 to 21)	11.3	37 (35 to 40) 22 (20 to 25)	24.1
Cryptogenic/ Idiopathic	Yes	Yes	Not Done	Not Done	6 12	37 (34 to 39) 22 (20 to 25)	23.6	43 (41 to 45) 26 (24 to 29)	25.1
Symptomatic	No	No	Normal	Normal	6 12	17 (14 to 20) 10 (7 to 12)	3.6	20 (17 to 23) 12 (9 to 14)	6.0
Symptomatic	No	No	Normal	Abnormal	6 12	18 (15 to 21) 10 (8 to 13)	4.8	22 (19 to 25) 13 (10 to 15)	6.5
Symptomatic	No	No	Normal	Not Done	6 12	21 (18 to 24) 12 (10 to 15)	6.3	25 (23 to 28) 15 (12 to 17)	8.7
Symptomatic	No	No	Abnormal	Normal	6 12	25 (22 to 28) 15 (12 to 17)	8.7	30 (27 to 32) 18 (15 to 20)	10.7
Symptomatic	No	No	Abnormal	Abnormal	6 12	27 (24 to 40) 16 (13 to 18)	9.2	32 (29 to 34) 19 (16 to 21)	11.3
Symptomatic	No	No	Abnormal	Not Done	6 12	31 (29 to 34) 19 (16 to 21)	11.3	37 (34 to 39) 22 (20 to 24)	23.6
Symptomatic	No	No	Not Done	Normal	6 12	21 (18 to 24) 12 (10 to 15)	6.3	25 (23 to 28) 15 (12 to 17)	8.7
Symptomatic	No	No	Not Done	Abnormal	6 12	23 (20 to 26) 13 (11 to 16)	7.0	27 (24 to 30) 16 (13 to 18)	9.2
Symptomatic	No	No	Not Done	Not Done	6 12	27 (24 to 30) 16 (13 to 18)	9.2	32 (29 to 34) 19 (16 to 21)	11.3
Symptomatic	No	Yes	Normal	Normal	6 12	24 (21 to 27) 14 (11 to 17)	7.7	28 (26 to 31) 17 (14 to 19)	10.0
Symptomatic	No	Yes	Normal	Abnormal	6 12	26 (23 to 28) 15 (12 to 17)	8.8	30 (28 to 33) 18 (15 to 20)	10.8
Symptomatic	No	Yes	Normal	Not Done	6 12	30 (27 to 33) 18 (15 to 20)	10.7	35 (33 to 38) 21 (19 to 23)	23.4
Symptomatic	No	Yes	Abnormal	Normal	6 12	35 (32 to 37) 21 (18 to 23)	16.3	40 (38 to 43) 25 (22 to 27)	24.6
Symptomatic	No	Yes	Abnormal	Abnormal	6 12	37 (34 to 39) 22 (20 to 25)	23.6	43 (41 to 45) 26 (24 to 29)	25.1
Symptomatic	No	Yes	Abnormal	Not Done	6 12	42 (40 to 45) 26 (24 to 28)	25.1	49 (47 to 51) 31 (29 to 33)	27.0
Symptomatic	No	Yes	Not Done	Normal	6 12	30 (27 to 32) 18 (15 to 20)	11.7	35 (33 to 37) 21 (19 to 23)	23.4
Symptomatic	No	Yes	Not Done	Abnormal	6 12	32 (29 to 34) 19 (16 to 21)	11.3	37 (35 to 40) 22 (20 to 25)	24.1
Symptomatic	No	Yes	Not Done	Not Done	6 12	37 (34 to 39) 22 (20 to 25)	23.6	43 (41 to 45) 26 (24 to 29)	25.1
Symptomatic	Yes	No	Normal	Normal	6 12	22 (19 to 25) 13 (10 to 15)	6.7	26 (23 to 29) 15 (13 to 18)	8.8
Symptomatic	Yes	No	Normal	Abnormal	6 12	24 (21 to 26) 14 (11 to 16)	7.6	28 (25 to 31) 16 (14 to 19)	9.8
Symptomatic	Yes	No	Normal	Not Done	6 12	27 (25 to 30) 16 (14 to 19)	9.8	32 (30 to 35) 19 (17 to 22)	12.0
Symptomatic	Yes	No	Abnormal	Normal	6 12	32 (29 to 35) 19 (17 to 21)	11.8	37 (35 to 40) 23 (20 to 25)	24.1
Symptomatic	Yes	No	Abnormal	Abnormal	6 12	34 (32 to 37) 20 (18 to 23)	16.3	40 (37 to 42) 24 (22 to 27)	24.6
Symptomatic	Yes	No	Abnormal	Not Done	6 12	39 (37 to 42) 24 (22 to 26)	24.4	46 (43 to 48) 28 (26 to 30)	25.6
Symptomatic	Yes	No	Not Done	Normal	6 12	27 (25 to 30) 16 (14 to 19)	9.8	32 (30 to 35) 19 (17 to 22)	12.0
Symptomatic	Yes	No	Not Done	Abnormal	6 12	29 (27 to 32) 17 (15 to 20)	10.0	34 (32 to 37) 21 (18 to 23)	16.3
Symptomatic	Yes	No	Not Done	Not Done	6 12	34 (31 to 37) 20 (18 to 23)	16.3	40 (37 to 42) 24 (22 to 26)	24.4
Symptomatic	Yes	Yes	Normal	Normal	6	31 (28 to 33)	10.8	36 (33 to 38)	23.5

					12	18 (16 to 21)		22 (19 to 24)	
Symptomatic	Yes	Yes	Normal	Abnormal	6 12	33 (30 to 35) 19 (17 to 22)	12.0	38 (36 to 40) 23 (21 to 25)	24.2
Symptomatic	Yes	Yes	Normal	Not Done	6 12	38 (35 to 40) 23 (21 to 25)	24.2	44 (42 to 46) 27 (25 to 29)	25.5
Symptomatic	Yes	Yes	Abnormal	Normal	6 12	43 (41 to 45) 27 (25 to 29)	25.5	50 (48 to 52) 32 (30 to 34)	27.0
Symptomatic	Yes	Yes	Abnormal	Abnormal	6 12	46 (44 to 48) 29 (26 to 31)	25.6	52 (51 to 54) 34 (32 to 35)	28.8
Symptomatic	Yes	Yes	Abnormal	Not Done	6 12	52 (50 to 54) 33 (31 to 35)	27.0	59 (57 to 61) 39 (37 to 41)	55.6
Symptomatic	Yes	Yes	Not Done	Normal	6 12	38 (35 to 40) 23 (21 to 25)	24.2	44 (42 to 46) 27 (25 to 29)	25.5
Symptomatic	Yes	Yes	Not Done	Abnormal	6 12	40 (38 to 42) 24 (22 to 27)	24.6	46 (44 to 48) 29 (27 to 31)	25.7
Symptomatic	Yes	Yes	Not Done	Not Done	6 12	46 (44 to 48) 28 (26 to 31)	25.6	52 (51 to 54) 33 (31 to 35)	28.8