Section 1.0 Appendix (Supplemental Information)

Table 5. Epilepsy Read codes used to identify patients

Read code	Description
6110.00	Contraceptive advice for patients with epilepsy
67AF.00	Pregnancy advice for patients with epilepsy
67IJ000	Pre-conception advice for patients with epilepsy
8IAg.00	Contraceptive advice for patients with epilepsy declined
8IAh.00	Pre-conception advice for patients with epilepsy declined
8IAi.00	Pregnancy advice for patients with epilepsy declined
8IB2.00	Contraceptiv advice for patients with epilepsy not indicated
8IB3.00	Pre-conception advic fr patients with epilepsy not indicated
8IB4.00	Pregnancy advice for patients with epilepsy not indicated
9Of5.00	Epilepsy monitoring call first letter
9Of6.00	Epilepsy monitoring call second letter
9Of7.00	Epilepsy monitoring call third letter
13Y9.00	Epilepsy society member
1B1W.00	Transient epileptic amnesia
1O30.00	Epilepsy confirmed
667..00	Epilepsy monitoring
6674.00	Epilepsy associated problems
667B.00	Nocturnal epilepsy
667C.00	Epilepsy control good
667D.00	Epilepsy control poor
667E.00	Epilepsy care arrangement
667G.00	Epilepsy restricts employment
667H.00	Epilepsy prevents employment
667J.00	Epilepsy impairs education
667K.00	Epilepsy limits activities
667L.00	Epilepsy does not limit activities
667M.00	Epilepsy management plan given
667N.00	Epilepsy severity
9h6..00	Exception reporting: epilepsy quality indicators
9h61.00	Excepted from epilepsy quality indicators: Patient unsuitabl
9h62.00	Excepted from epilepsy quality indicators: Informed dissent
Eu05212	[X]Schizophrenia-like psychosis in epilepsy
Eu05y11	[X]Epileptic psychosis NOS
Eu06013	[X]Limbic epilepsy personality
Eu80300	[X]Acquired aphasia with epilepsy [Landau - Kleffner]
F132100	Progressive myoclonic epilepsy
F25..00	Epilepsy
F250.00	Generalised nonconvulsive epilepsy
F250000	Petit mal (minor) epilepsy
F250100	Pykno-epilepsy
F250400	Juvenile absence epilepsy
F250500	Lennox-Gastaut syndrome
F250y00	Other specified generalised nonconvulsive epilepsy
F250z00	Generalised nonconvulsive epilepsy NOS
F251.00	Generalised convulsive epilepsy
F251000	Grand mal (major) epilepsy
F251011	Tonic-clonic epilepsy

F251100	Neonatal myoclonic epilepsy
F251111	Otohara syndrome
F251500	Tonic-clonic epilepsy
F251y00	Other specified generalised convulsive epilepsy
F251z00	Generalised convulsive epilepsy NOS
F254.00	Partial epilepsy with impairment of consciousness
F254000	Temporal lobe epilepsy
F254100	Psychomotor epilepsy
F254200	Psychosensory epilepsy
F254300	Limbic system epilepsy
F254400	Epileptic automatism
F254z00	Partial epilepsy with impairment of consciousness NOS
F255.00	Partial epilepsy without impairment of consciousness
F255000	Jacksonian focal or motor epilepsy
F255011	Focal epilepsy
F255012	Motor epilepsy
F255100	Sensory induced epilepsy
F255200	Somatosensory epilepsy
F255300	Visceral reflex epilepsy
F255311	Partial epilepsy with autonomic symptoms
F255400	Visual reflex epilepsy
F255500	Unilateral epilepsy
F255y00	Partial epilepsy without impairment of consciousness OS
F255z00	Partial epilepsy without impairment of consciousness NOS
F256.00	Infantile spasms
F256.11	Lightning spasms
F256.12	West syndrome
F256000	Hypsarrhythmia
F256100	Salaam attacks
F256z00	Infantile spasms NOS
F257.00	Kojevnikov's epilepsy
F259.00	Early infant epileptic encephalopathy wth suppression bursts
F259.11	Ohtahara syndrome
F25A.00	Juvenile myoclonic epilepsy
F25B.00	Alcohol-induced epilepsy
F25C.00	Drug-induced epilepsy
F25D.00	Menstrual epilepsy
F25E.00	Stress-induced epilepsy
F25F.00	Photosensitive epilepsy
F25y.00	Other forms of epilepsy
F25y000	Cursive (running) epilepsy
F25y100	Gelastic epilepsy
F25y200	Locl-rlt(foc)(part)idiop epilep&epilptic syn seiz locl onset
F25y400	Benign Rolandic epilepsy
F25y500	Panayiotopoulos syndrome
F25yz00	Other forms of epilepsy NOS
F25z.00	Epilepsy NOS
Fyu5000	[X]Other generalized epilepsy and epileptic syndromes
Fyu5100	[X]Other epilepsy
SC20000	Traumatic epilepsy
ZS82.00	Acquired epileptic aphasia
ZS82.11	Landau-Kleffner syndrome

F25G.11	Dravet syndrome
PKyz511	Angelman syndrome
PKyz700	Angelman's syndrome
PKyz711	Angelman syndrome
PKy0.11	Prader-Willi Syndrome
PKy0.12	Prader-Willi syndrome
PKy9300	Prader - Willi syndrome
PJ32.11	Wolff - Hirschorn syndrome
F250500	Lennox-Gastaut syndrome
F250400	Juvenile absence epilepsy
F25G.00	Severe myoclonic epilepsy in infancy
F132111	Unverricht - Lundborg disease
F132z11	Unverricht - Lundborg disease

Table 6. Change in seizure frequency amongst patients who recorded at least one frequency which differed from index frequency

	Last**					
First*	At least daily	At least weekly	At least monthly	At least once a year	Less than once a year	Overall
At least daily	-	***	***	6	22	38
At least weekly	10	-	***	***	41	72
At least monthly	***	14	-	***	47	78
At least once a year	***	***	17	-	151	178
Less than once a year	10	13	25	66	-	114
Overall	27	40	61	91	261	480

**** Patient counts <6 or results enabling the calculation of counts <6 cannot be disclosed due to restrictions imposed by the UK government to protect patient privacy.*

Table 6: Mortality rate for each category of seizure frequency (using last recorded seizure frequency)

Seizure frequency	**N**	**Number of deaths**	**Patient-years of follow-up**	**Mortality rate (per 100,000 patient-years)**
Any frequency (all patients)	3,324	11	8,506	129.3
At least daily	347	7	965	725.4
At least weekly	376	***	***	106.7

At least monthly	418	***	***	95.2
At least once a year	822	***	***	104.7
Less than once a year	1361	0	3644	0

**** Patient counts <6 or results enabling the calculation of counts <6 cannot be disclosed due to restrictions imposed by the UK government to protect patient privacy.*