

Characteristics of individual reported cases with seizures in the context of COVID-19

Patient & Sex	Sex	Age range	Presentation	COVID-19 status (confirmed by testing)	Ventilator	Underlying diagnosis	Epilepsy Etiology	Associated diagnosis	Death
1	F	60-69	New onset seizures	+ve	Yes	No	Metabolic	PRES	No
2	F	30-39	New onset seizures (SE)	+ve	Yes	No	Structural (stroke)	Venous thrombosis	No
3	M	10-19	New onset seizures	+ve	No	No	Unknown		No
4	F	20-29	Exacerbation of seizures	+ve	No	Epilepsy	Unknown		No
5	F	0-2	New onset seizures	+ve	No	No	Structural	Lissencephaly	No
6	F	60-69	Exacerbation of seizures	Presumed	Yes	Epilepsy	Structural	Post stroke	No
7	F	70-79	New onset seizures	+ve	No	Parkinson's	Immune		No
8	M	2-9	New onset seizures	+ve	No	No	Unknown		
9	M	0-2	New onset seizures	+ve	Yes	No	Unknown	Multisystem hyper-inflammatory syndrome	Yes

10	F	0-2	New onset seizures	+ve	No	No	Unknown	Complex febrile seizure(s)	No
11	M	50-59	New onset seizures	Presumed	No	No	Unknown		No
12	M	20-29	New onset seizures	+ve	No	No	Unknown		No
13	M	20-29	New onset seizures	+ve	Yes	No	Structural	Vertebrobasilar occlusion	yes
14	F	10-19	Exacerbation of seizures	+ve	No	CDKL5 epilepsy	Genetic		No
15	F	20-29	Exacerbation of seizures	+ve	No	Juvenile myoclonic epilepsy	Genetic		No
16	M	10-19	New onset seizures	+ve	No	New onset juvenile absence epilepsy	Genetic		No
17	M	30-39	New onset seizures	+ve	No	No	Unknown		No

COVID-19 = coronavirus disease 19; CDKL5 = cyclin-dependent kinase-like 5; F = female; M = male; PRES = posterior reversible encephalopathy syndrome; +ve = positive test