

TABLE 1: Summary of clinical findings of case reports reviewed.

Article No.	1 [10]	2 [11]	3 [12]	4 [13]	5(a) [14]	5(b) [14]	6 [15]	7 [16]	8 [17]	9 [18]	10 [19]	11 [20]	12(a) [21]	12(b) [21]	12(c) [21]	13 [22]	14 [23]
Study type	CR	CR	CR	CR	CS	CS	CR	CR	CR	CR	CR	CR	CS	CS	CS	CR	CR
Origin	UK	UK	US	UK	US	US	UK	US	UK	US	UK	UK	US	US	US	US	UK
Age	42	36	57	40	49	34	50	36	55	58	63	43	30	34	33	53	NM
Gender	M	F	M	M	M	F	M	F	F	M	M	M	M	F	M	M	M
“COVID - Psychosis” relation in title	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Chief complaints	Megalomaniac delusions Insomnia mood swings, violent behaviour	Disorganised aggressive and irritable behaviour insomnia	Delusions Hallucinations disorganised thought	Delusions of death visual hallucinations disorganised behaviour	Disorganised thought and behaviour Confusion gran	Ideas of persecution disorganised behaviour talkativeness	Auditory, visual and tactile hallucinations panic attack self-harm	Persecutory delusions insomnia	Paranoid delusions disorganised and aggressive behaviour	Confusion disorganised behaviour	Nihilistic delusions	Grandiose delusions Irritability elevate self esteem	Bizarre behaviour Anxiety auditory hallucinations suicidal	Disorganised behaviour Inattentive Suspicious bizarre somatic delusions	Auditory hallucination paranoid and persecutory delusions	Persecutory delusions	Grandiose delusions irritability

					delusions		disorganised behaviour		hallucinations				ideations				
					insomnia		insomnia		disorientation								
									confusion								
Diagnosis	Relapse of severe psychosis associated with COVID 19	Psychotic relapse from Covid 19 quarantine	Late onset psychosis as a presentation of COVID 19 infection	New onset brief psychosis related to COVID 19 infection	New onset psychosis following COVID 19 infection	New onset psychosis following COVID 19	New onset psychosis due to COVID 19; Acute and transient psychotic disorder; Brief psychotic	COVID 19 associated brief psychotic disorder; brief psychotic disorder with stressor; COVID	Persistent psychotic symptoms following COVID-19 infection	COVID 19 presenting as psychosis; psychosis unspecified	Psychotic Disorder to Another Medical Condition (COVID 19)	substance/medication induced manic episode with psychotic features	COVID 19 Psychosis	COVID 19 Psychosis	COVID 19 Psychosis	Brief Psychotic Episode	Acute Psychosis

							disorder with stressor	D 19 sequelae									
Diagnostic criteria	NM	NM	NM	NM	NM	NM	AMERICAN PSYCHIATRIC ASSOCIATION ET AL. 2013; ICD 10	NM	NM	NM	AMERICAN PSYCHIATRIC ASSOCIATION ET AL. 2013	NM	NM	NM	NM	NM	NM
Duration - Psychotic symptoms	8 days	NM	NM	7 days	7 days	NM	NM	7 days	52 days	NM	NM	NM	NM	NM	4 days	NM	NM
Treatment- Psychosis	Olanzapine, lorazepam	Clozapine, risperidone	Haloperidol, lorazepam, aripiprazole	Aripiprazole, diazepam	Haloperidol, olanzapine, queti	Risperidone	Sertraline – switched to risperidone, BZDs	Clonazepam, olanzapine-cross tapere	Lorazepam, haloperidol-cross	Haloperidol, lorazepam	Risperidone	Valproic acid, paliperidone, olanzapine,	Quetiapine	Fluoxetine, melatonin, clonazepam,	Quetiapine	Haloperidol	Olanzapine

					erlip idaemia				(reso lved)								
Recovery	NM	Not recovered	Recovered in 6 weeks	Maintained on Aripip razole	Recovered in 2.5 weeks	NM	Partial recovery (residual anxiety and insomnia)	Recovered in 2 weeks	Recovered in 52 days	Recovered in 1 week	NM	Recovered	Recovered	Recovered	Recovered	Recovered	Recovered
Duration B/w COVID positive status and onset of psychosis {RT- PCR}	9 days	COVID confirmed & symptoms 7 days before psychosis	“Early in his ED course”	COVID not confirmed (2 weeks between COVID symptoms and psychosis)	COVID not confirmed (2 weeks between COVID symptoms and psychosis)	2.5 weeks before testing positive for SARS CoV- 2	NM	4 days	3 days	COVID confirmed 3 days following psychosis	NM (“during hospital isation”)	NM (psychosis onset-8 days post admission for infection and 4 days after start of corticosteroid therapy)	NM	NM	NM	5 weeks	COVID confirmed & symptoms 6 days before psychosis

Severity of infection	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Elevated D-dimer, CT angio-thromboembolism	NM	Elevated Acute Phase Reactants	WBC decreased; CRP increased	CRP increased	NM	NM
Treatment- COVID infection	Antibiotic	NM	NM	nil	azithromycin	nil	C-PAP, antibiotics, acyclovir, steroids	nil	IVF, oxygen	hydroxychloroquine	NM	NM	nil	NM	NM	NM	NM
Delirium	NM	NM	nil	nil	Yes	nil	NM	nil	Yes	NM	Yes	NM	nil	nil	NM	NM	NM

KEY FOR TABLE

1. CR- Case report
2. CS- Case series
3. HTN- Hypertension
4. NM- Not mentioned
5. T2DM- Type 2 Diabetes Mellitus
6. M- Male
7. F- Female
8. CAD- Coronary Artery Disease
9. UK- United Kingdom
10. US- United States

11. IVF- Intravenous Fluids