

Table 1 Characteristics of adults with SARS-CoV-2 reinfections, by time to reinfection, Kuwait

Characteristic	Time interval, in days				Total No. (%)
	29–45 No. (%)	46–60 No. (%)	61–90 No. (%)	≥ 91 No. (%)	
Sex					
Female	171 (46.3)	63 (42.3)	88 (41.9)	223 (47.4)	545 (45.5)
Male	198 (53.7)	86 (57.7)	122 (58.1)	247 (52.6)	653 (54.5)
Nationality					
Kuwaiti	222 (60.2)	89 (59.7)	133 (65.3)	262 (55.7)	706 (58.9)
Non-Kuwaiti	126 (34.1)	53 (35.8)	69 (32.9)	191 (40.8)	439 (36.6)
Not recorded	21 (5.7)	7 (4.7)	8 (3.8)	17 (3.6)	53 (4.4)
Fever					
No fever	325 (88.1)	151 (87.9)	185 (88.1)	416 (88.5)	1057 (88.1)
Confirmed fever	2 (0.5)	0 (0.0)	1 (0.5)	4 (0.9)	7 (0.6)
Fever measured but not recorded	2 (0.5)	3 (2.0)	3 (1.4)	9 (1.9)	17 (1.4)
Fever mentioned but not measured	40 (10.8)	15 (10.1)	21 (10.0)	41 (8.7)	117 (9.8)
Risk factors (overall)					
Cardiovascular disease	5 (1.4)	4 (2.7)	4 (1.9)	5 (1.1)	18 (1.5)
Chronic lung disease	4 (1.1)	1 (0.7)	0 (0.0)	3 (0.6)	8 (0.7)
Steroids treatment	2 (0.5)	1 (0.7)	0 (0.0)	0 (0.0)	3 (0.3)
Late pregnancy	2 (0.5)	1 (0.7)	0 (0.0)	0 (0.0)	3 (0.3)
Chronic kidney disease	0 (0.0)	0 (0.0)	1 (0.5)	1 (0.2)	2 (0.2)
Active cancer	0 (0.0)	1 (0.7)	0 (0.0)	0 (0.0)	1 (0.1)
Immunodeficiency	0 (0.0)	0 (0.0)	1 (0.5)	0 (0.0)	1 (0.1)
Bone marrow transplant recipient	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Poorly controlled HIV	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
No data	358 (98.3)	142 (95.3)	203 (97.8)	481 (98.1)	1184 (97.2)
Any symptom					
Asymptomatic	252 (68.3)	106 (71.2)	138 (65.7)	253 (75.1)	849 (70.9)
1 symptom	54 (14.6)	18 (12.1)	32 (15.2)	51 (10.9)	155 (12.9)
≥ 2 symptoms	63 (17.1)	25 (16.8)	40 (19.0)	66 (14.0)	194 (16.2)
Combination of symptoms					
Asymptomatic	252 (68.3)	106 (71.2)	138 (65.7)	253 (75.1)	849 (70.9)
Fever only	8 (2.2)	4 (2.7)	3 (1.4)	8 (1.7)	23 (1.9)
Fever + any other symptom	34 (9.2)	11 (7.4)	19 (9.0)	37 (7.9)	101 (8.4)
1 symptom, not fever	46 (12.5)	14 (9.4)	29 (13.8)	43 (9.4)	132 (11.0)
≥ 2 symptoms, but no fever	29 (7.9)	14 (9.4)	21 (10.0)	29 (6.2)	93 (7.8)
Symptoms					
Not recorded	252 (68.3)	106 (71.2)	138 (65.7)	253 (75.1)	849 (70.9)
Cough	58 (15.7)	22 (14.8)	34 (16.2)	51 (10.9)	165 (13.8)
Fever	42 (11.4)	15 (10.1)	22 (10.5)	45 (9.6)	124 (10.4)
Smell/taste changes	19 (5.1)	12 (8.1)	19 (9.0)	32 (6.8)	82 (6.8)
Sore throat	23 (6.2)	7 (4.7)	16 (7.6)	24 (5.1)	70 (5.8)
Headache	16 (4.3)	4 (2.7)	11 (5.2)	27 (5.7)	58 (4.8)
Shortness of breath	23 (6.2)	5 (3.4)	8 (3.8)	13 (2.8)	49 (4.1)
Body ache	13 (3.5)	3 (2.0)	12 (5.7)	20 (4.3)	48 (4.0)
Vomiting	7 (1.9)	7 (4.7)	4 (1.9)	11 (2.3)	29 (2.4)
Rhinorrhea	4 (1.1)	2 (1.3)	3 (1.4)	10 (2.1)	21 (1.8)
Diarrhoea	6 (1.6)	3 (2.0)	3 (1.4)	7 (1.5)	19 (1.6)
Bone pain	4 (1.1)	0 (0.0)	2 (1.0)	3 (0.6)	9 (0.8)
Abdominal pain	0 (0.0)	0 (0.0)	1 (0.5)	1 (0.2)	2 (0.2)
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)
PCR test, no.	2.2 (0.6)	2.1 (0.4)	2.0 (0.4)	2.1 (0.5)	2.1 (0.5)
Age, in years	43.3 (17.5)	59.8 (38.5)	38.3 (18.5)	59.2 (34.4)	48.3 (35.1)

SARS-CoV-2: severe acute respiratory syndrome coronavirus 2; PCR: polymerase chain reaction; SD: standard deviation.