Table 1 Sociodemographic and professional characteristics of healthcare workers (n = 576) in Sudan, 2021

Characteristic	Mean (SD)
Age (years)	35.3 (10.6)
Duration of practice/working experience (years)	10.4 (9.6)
	No. (%)
Sex	
Male	269 (46.7)
Female	307 (53.3)
Has comorbidities	
Yes	155 (26.9)
No	421 (73.1)
Comorbidity	
Diabetes mellitus	41 (20.5)
Hypertension	48 (24.0)
Asthma	69 (34.5)
Chronic kidney disease	5 (2.5)
Connective tissue disease	5 (2.5)
Cancer	6 (3.0)
Other	26 (13.0)
Immune suppressing medication	
Yes	15 (2.6)
No	556 (76.3)
Health profession	
Medical doctor	319 (55.4)
Nurse	17 (3.0)
Pharmacist	66 (11.5)
Medical laboratory scientist	26 (4.5)
Public health worker	86 (14.9)
Dentist	26 (4.5)
Other	36 (6.3)
Location of practice	
Khartoum State	438 (76.0)
Other than Khartoum State	134 (23.3)
Not working in Sudan	4 (0.7)
Any training on COVID-19	
Yes	259 (45.0)
No	317 (55.0)
Self-rated knowledge about COVID-19	
Excellent	141 (24.5)
Very good	221 (38.4)
Moderate	173 (30.0)
Good	29 (5.0)
Weak	12 (2.1)
Self-rated knowledge about COVID-19 vaccination	
Excellent	50 (8.7)
Very good	123 (21.4)
Moderate	177 (30.7)
Good	118 (20.5)
Weak	108 (18.8)
History of COVID-19 infection	
Yes	115 (20.0)