

Note: This is Online Appendix 1 of Sikhosana ML, Jassat W, Maktini Z. Characteristics of hospitalised COVID-19 patients during the first two pandemic waves, Gauteng

Appendix 1

Table 1. Medication used by COVID-19 cases during admission, Charlotte Maxeke Hospital, 05 March 2020 - 27 March 2021

Medication	Pre wave 1 (n=114)		Wave 1 (n=1072)		Post wave 1 (n =111)		Wave 2 (n=1216)		Post wave 2 (n=155)		Total (n=2668)	
	n	%	n	%	n	%	n	%	n	%	n	%
Antibiotics	44	38.60	405	37.78	37	33.33	333	27.38	38	24.52	857	32.12
Steroids	32	28.07	346	32.28	33	29.73	334	27.47	40	25.81	785	29.42
Anticoagulants	6	5.26	0	0	8	7.21	225	18.50	41	26.45	280	10.49
Anti-inflammatories	0	0	51	4.76	9	8.11	16	1.32	4	2.58	80	3.00
Antifungals	1	0.88	33	3.08	6	5.41	14	1.15	3	1.94	57	2.14
Antivirals	5	4.39	30	2.80	1	0.90	3	0.25	0	0	39	1.46
Chloroquine	12	10.53	1	0.09	0	0	0	0	0	0	13	0.49
Immunotherapies												
Colchicine	10	8.77	183	17.07	17	15.32	263	21.63	24	15.48	497	18.63
Tocilizumab	0	0	13	1.21	0	0	24	1.97	5	3.23	42	1.57
Immunosuppressant not specified	1	0.88	7	0.65	0	0	0	0,	0	0	8	0.30
Immunoglobulin not specified	1	0.88	0	0	0	0	2	0,16	0	0	3	0.11
Polygam	1	0.88	0	0	0	0	2	0.16	0	0	3	0.11
Interferon alpha	0	0	1	0.09	0	0	0	0	0	0	1	0.04
Interferon beta	0	0	1	0.09	0	0	0	0	0	0	1	0.04
Mycophenolate mofetil	1	0.88	0	0	0	0	0	0	0	0	1	0.04
Hydroxychloroquine	0	0	1	0.09	0	0	0	0	0	0	1	0.04

Table 2. COVID-19 in-hospital monthly case fatality ratio at Charlotte Maxeke Hospital, March 2020 - March 2021

	COVID-19 deaths	Outcomes	CFR (%)
Mar-2020	0	3	0.00
Apr-2020	3	27	10.00
May-2020	5	33	13.16
Jun-2020	51	334	13.25
Jul-2020	115	491	18.98
Aug-2020	33	184	15.21
Sep-2020	8	92	8.00
Oct-2020	3	18	14.29
Nov-2020	5	20	20.00
Dec-2020	34	111	23.45
Jan-2021	93	310	23.08
Feb-2021	33	136	19.53
Mar-2021	9	57	13.64

Table 3. Comorbidities reported in COVID-19 cases admitted at Charlotte Maxeke Hospital, 5 March 2020 - 27 March 2021

Comorbidity	n	%
Hypertension	567	30.47
Diabetes	402	21.60
HIV		
Negative	836	44.92
Positive	204	10.96
Unknown	821	44.11
HIV treatment status (n=189)		
Experienced	143	75.66
Naive	28	14.81
Unknown	18	9.52
HIV virological suppression (n=189)		
Yes	51	26.98
Tuberculosis		
Active	36	1.93
Past	24	1.29
Obesity	192	10.32