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Supplementary Table. Characteristics of patients (n=217) with samples (n=2777) aggregated in Figure and Table

First author	Country	No of cases	Patient ID	Sex	Age	Comorbidities	Samples available	COVID-19 severity	Hospital admission dps	Hospital discharge dps
Marchand-Senécal, Xavier [1]	Canada	1		M	56		NP, OP	mild	1	9
Chen, Dabiao [2]	China	1		F	46		OP	mild	8	24
Chen, Weilie [3]	China	6	Patient 1	M	NA		OP, A, B	severe	5 transfer	17 transfer
			Patient 2	M	NA		OP, A, B	severe	5	10 transfer
			Patient 3	M	NA		OP, A, B	severe	11 transfer	
			Patient 4	M	NA		B	severe	6 tranfer	9 transfer
			Patient 5	F	NA		OP, B	severe	4	
			Patient 6	M	NA		OP, A, B	severe	5	13 transfer
Han, Wenzheng [4]	China	1		M	47	hypertension, diabetes type 2	NP	severe	7	19
Hu, Y. [5]	China	3	Case 1	F	28	NA	NP, A	mild	1	NA
		3	Case 2	M	25	NA	NP, A	mild	1	NA
		3	Case 3	M	32	NA	NP, A	mild	3	NA
Huang, Yongbo [6]	China	16	Patients#1	NA	NA		NP, OP, Sp, St, B	severe	14 ICU	56 ICU
			Patients#2	NA	NA		NP, OP, Sp, St, A, B, U	severe	12 ICU	48 ICU
			Patients#3	NA	NA		NP, OP, Sp, St, A, B, U	severe	9 ICU	47 ICU

			Patients#4	NA	NA	NP, OP, Sp, St, A, B, U	severe	9 ICU	55 ICU
			Patients#5	NA	NA	NP, OP, Sp, St, A, B, U	severe	17 ICU	54 ICU
			Patients#6	NA	NA	NP, OP, Sp, St, A, B, U	severe	11 ICU	45 ICU
			Patients#7	NA	NA	NP, OP, Sp, St, A, B, U	severe	15 ICU	
			Patients#8	NA	NA	NP, OP, Sp, St, A, B, U	severe	9 ICU	19 ICU
			Patients#9	NA	NA	NP, OP, Sp, St, A, B, U	severe	7 ICU	
			Patients#10	NA	NA	NP, OP, Sp, St, A, B, U	severe	12 ICU	31 ICU
			Patients#11	NA	NA	NP, OP, Sp, St, A, B, U	severe	14 ICU	NA
			Patients#12	NA	NA	NP, OP, Sp, St, A, B, U	severe	20 ICU	43 ICU
			Patients#13	NA	NA	NP, OP, Sp, St, B, U	severe	21 ICU	NA
			Patients#14	NA	NA	NP, OP, Sp, St, A, B, U	severe	23 ICU	NA
			Patients#15	NA	NA	NP, OP, Sp, St, A, B, U	severe	10 ICU	30 ICU
			Patients#16	NA	NA	NP, OP, Sp, St, A, B, U	severe	9 ICU	NA
Peng, Liang [7]	China	9	Patient 1	M	37	OP, A, B, U	mild	NA	NA
			Patient 2	F	46	OP, A, B, U	mild	NA	NA
			Patient 3	F	27	OP, A, B, U	mild	NA	NA
			Patient 4	F	27	OP, A, B, U	mild	NA	NA
			Patient 5	F	62	OP, A, B, U	mild	NA	NA
			Patient 6	M	30	OP, A, B, U	mild	NA	NA
			Patient 7	F	31	OP, A, B, U	mild	NA	NA

			Patient 8	M	49	hypertension and hyperthyroidism	OP, A, B, U	mild	NA	NA
			Patient 9	M	41		OP, A, B, U	mild	NA	NA
Qian, Guo-Qing [8]	China	1		M	47		OP, A	mild	9	44
Xia, Jianhua [9]	China	30	1	M	46		Sp	mild	NA	NA
			2	M	62		Sp	mild	NA	NA
			3	F	63		Sp	mild	NA	NA
			4	F	30		Sp	mild	NA	NA
			5	F	45		Sp	mild	NA	NA
			6	M	62		Sp	mild	NA	NA
			7	M	50		Sp	mild	NA	NA
			8	F	38		Sp	mild	NA	NA
			9	M	30		Sp	mild	NA	NA
			10	F	53		Sp	mild	NA	NA
			11	M	51		Sp	mild	NA	NA
			12	M	70		Sp	mild	NA	NA
			13	F	65		Sp	mild	NA	NA
			14	M	51		Sp	mild	NA	NA
			15	F	45		Sp	mild	NA	NA
			16	F	64		Sp	mild	NA	NA
			17	M	13		Sp	mild	NA	NA

			18	M	55	Sp	mild	NA	NA
			19	M	48	Sp	mild	NA	NA
			20	M	57	Sp	mild	NA	NA
			21	M	53	Sp	mild	NA	NA
			22	M	60	Sp	severe	NA	NA
			23	M	72	Sp	severe	NA	NA
			24	M	51	Sp	severe	NA	NA
			25	M	83	Sp	severe	NA	NA
			26	M	74	Sp	severe	NA	NA
			27	F	65	Sp	severe	NA	NA
			28	M	62	Sp	severe	NA	NA
			29	M	51	Sp	severe	NA	NA
			30	M	66	Sp	severe	NA	NA
Xiao, Ai Tang [10]	China	56	Patient1	M	48	NP+OP	mild	NA	NA
			Patient2	F	33	NP+OP	mild	NA	NA
			Patient3	M	39	NP+OP	mild	NA	NA
			Patient4	F	33	NP+OP	mild	NA	NA
			Patient5	M	35	NP+OP	mild	NA	NA
			Patient6	M	44	NP+OP	mild	NA	NA
			Patient7	F	47	NP+OP	mild	NA	NA
			Patient8	F	64	NP+OP	mild	NA	NA

	Patient9	M	54	NP+OP	mild	NA	NA
	Patient10	M	34	NP+OP	mild	NA	NA
	Patient11	M	57	NP+OP	mild	NA	NA
	Patient12	F	60	NP+OP	mild	NA	NA
	Patient13	M	45	NP+OP	mild	NA	NA
	Patient14	M	64	NP+OP	mild	NA	NA
	Patient15	M	39	NP+OP	mild	NA	NA
	Patient16	F	69	NP+OP	mild	NA	NA
	Patient17	M	43	NP+OP	mild	NA	NA
	Patient18	F	35	NP+OP	mild	NA	NA
	Patient19	M	52	NP+OP	mild	NA	NA
	Patient20	M	41	NP+OP	mild	NA	NA
	Patient21	M	75	NP+OP	mild	NA	NA
	Patient22	F	25	NP+OP	mild	NA	NA
	Patient23	M	40	NP+OP	mild	NA	NA
	Patient24	M	70	NP+OP	mild	NA	NA
	Patient25	F	82	NP+OP	mild	NA	NA
	Patient26	M	82	NP+OP	mild	NA	NA
	Patient27	M	42	NP+OP	mild	NA	NA
	Patient28	F	56	NP+OP	mild	NA	NA
	Patient29	M	53	NP+OP	mild	NA	NA

	Patient30	F	68	NP+OP	mild	NA	NA
	Patient31	M	69	NP+OP	mild	NA	NA
	Patient32	M	34	NP+OP	mild	NA	NA
	Patient33	M	46	NP+OP	mild	NA	NA
	Patient34	M	51	NP+OP	mild	NA	NA
	Patient35	M	44	NP+OP	mild	NA	NA
	Patient36	M	57	NP+OP	mild	NA	NA
	Patient37	F	39	NP+OP	mild	NA	NA
	Patient38	F	71	NP+OP	mild	NA	NA
	Patient39	F	65	NP+OP	mild	NA	NA
	Patient40	F	33	NP+OP	mild	NA	NA
	Patient41	M	73	NP+OP	mild	NA	NA
	Patient42	F	69	NP+OP	mild	NA	NA
	Patient43	M	47	NP+OP	mild	NA	NA
	Patient44	F	81	NP+OP	mild	NA	NA
	Patient45	F	72	NP+OP	mild	NA	NA
	Patient46	M	65	NP+OP	mild	NA	NA
	Patient47	M	83	NP+OP	mild	NA	NA
	Patient48	F	58	NP+OP	mild	NA	NA
	Patient49	M	71	NP+OP	mild	NA	NA
	Patient50	F	57	NP+OP	mild	NA	NA

			Patient51	M	61		NP+OP	mild	NA	NA
			Patient52	M	42		NP+OP	mild	NA	NA
			Patient53	F	68		NP+OP	mild	NA	NA
			Patient54	F	64		NP+OP	mild	NA	NA
			Patient55	M	63		NP+OP	mild	NA	NA
			Patient56	M	43		NP+OP	mild	NA	NA
Xiao, Fei [11]	China	1		M	78		NP+OP, St, B, U	severe	8	
Xing, Yuanyuan [12]	China	2	Case 1	M	40s	NA	OP, St	mild	4	27
			Case 2	F	20s	NA	OP	mild	8	16
Zou, Lirong [13]	China	17	B	M	44		NP, OP	mild	NA	NA
			C	M	56		NP, OP	mild	NA	NA
			D	F	60		NP, OP	mild	NA	NA
			E	M	36		NP, OP	severe	NA	NA
			F	M	69		NP, OP	mild	NA	NA
			H	F	49		NP, OP	mild	NA	NA
			I	M	78		NP, OP	severe	NA	NA
			K	F	66		NP, OP	mild	NA	NA
			L	F	38		NP, OP	mild	NA	NA
			N	F	50		NP, OP	mild	NA	NA
			O	F	28		NP, OP	mild	NA	NA
			P	F	76		NP, OP	severe	NA	NA

			Q	F	70		NP, OP	mild	NA	NA
			S	M	65		NP, OP	mild	NA	NA
			T	F	58		NP, OP	mild	NA	NA
			W	M	60		OP	mild	NA	NA
			X	M	60		NP	mild	NA	NA
Haveri, Anu [14]	Finland	1		F	30s	NA	NP, B	mild	3	11
Bernard Stoecklin, Sibylle [15]	France	3	Case 1[a]	M	48		NP	severe	8	NA
		3	Case 2[a]	M	31		NP	severe	6	25
		3	Case 3[a]	F	30		NP	mild	2	21
Danis, Kostas [16]	France	4	Case 2	NA	NA	NA	NP	mild	10	21
		4	Case 3	NA	NA	NA	NP	mild	7	18
		4	Case 5	NA	NA	NA	NP	mild	11	20
		4	Case 13	NA	NA	NA	NP	mild	-4	11
Lescure, Francois-Xavier [17]	France	5	Patient 1[a]	M	31		NP, St, B, U	severe	6	25
		5	Patient 2[a]	M	48		NP, St, B	severe	8	NA
		5	Patient 3	M	80	thyroid cancer	NP, St, B, U	severe	4	24
		5	Patient 4[a]	F	30		NP, St, B, U	mild	2	21
		5	Patient 5	F	46	none	NP, St, B, U	mild	1	17
Hoehl, Sebastian [18]	Germany	1	Patient B	F	44		OP	mild	12	19

Wölfel, Roman [19]	Germany	9	#1		NA	hypothyreoidism	NP+OP, Sp, St	mild	NA	NA
			#2		NA	none	NP+OP, Sp, St	mild	NA	NA
			#3		NA	COPD	NP+OP, Sp, St	mild	NA	NA
			#4		NA	none	NP+OP, Sp, St	mild	NA	NA
			#7		NA	hyper-cholesterinemia	NP+OP, Sp, St	mild	NA	NA
			#8		NA	none	NP+OP, Sp, St	mild	NA	NA
			#10		NA	none	NP+OP, Sp, St	mild	NA	NA
			#14		NA	none	NP+OP, Sp, St	mild	NA	NA
			#16		NA	none	NP+OP, Sp, St	mild	NA	NA
Chan, Jasper Fuk-Woo [20]	Hong Kong	5	Patient 1	F	65	hypertension	NP, B, U	mild	7	NA
			Patient 2	M	66	hypertension	NP, B, U	mild	6	NA
			Patient 3	F	37	none	NP, OP, St, B, U	mild	9	NA
			Patient 4	M	36	Chronic sinusitis	NP, OP, St, B, U	mild	10	NA
			Patient 7	F	63	diabetes	NP, OP, Sp, St, B	mild	7	NA
Paoli, D. [21]	Italy	1		M	31	dyslipidemia	NP, U	mild	None	None
Arashiro, Takeshi [22]	Japan	2	Case 1	F	35	none	NP, OP	mild	6	23
			Case 2	M	27	none	NP, OP	mild	5	
Bastola, Anup [23]	Nepal	1		M	32	none	OP	mild	11	15
Seah, Ivan Yu Jun [24]	Singapore	17	1		NA		NP	mild	NA	NA
			2		NA		NP	mild	NA	9

			3	NA	NP	mild	NA	NA
			4	NA	NP	mild	NA	NA
			5	NA	NP	mild	NA	NA
			6	NA	NP	mild	NA	8
			7	NA	NP	mild	NA	15
			8	NA	NP	mild	NA	NA
			9	NA	NP	mild	NA	NA
			10	NA	NP	mild	NA	14
			11	NA	NP	mild	NA	NA
			12	NA	NP	mild	NA	25
			13	NA	NP	mild	NA	NA
			14	NA	NP	mild	NA	NA
			15	NA	NP	mild	NA	17
			16	NA	NP	mild	NA	21
			17	NA	NP	mild	NA	22
Young, Barnaby Edward [25]	Singapore	18	1	NA	NP	severe	2	29
			2	NA	NP, St, B, U	mild	3	18
			3	NA	NP	mild	7	38
			4	NA	NP	mild	3	21
			5	NA	NP, B	severe	3	25
			6	NA	NP	mild	2	26

			7		NA		NP, B, U	mild	1	12
			8		NA		NP	mild	4	22
			9		NA		NP, St, B, U	mild	5	30
			10		NA		NP, St, B, U	severe	8	19
			11		NA		NP, St, B	mild	2	14
			12		NA		NP, B, U	mild	4	17
			13		NA		NP, St, B, U	severe	1	13
			14		NA		NP, St, U	mild	2	19
			15		NA		NP, B, U	severe	1	18
			16		NA		NP	mild	7	28
			17		NA		NP, St, B, U	mild	1	12
			18		NA		NP, St, B, U	mild	2	29
Kim, Jin Yong [26]	South Korea	2	Patient 1	F	35	none	NP+OP, Sp, St, B, U	mild	2	20
			Patient 2	M	55	none	NP+OP, Sp, St, B, U	mild	15	27
Lim, Jaegyun [27]	South Korea	1	index patient	M	54	none	Sp	mild	3	19
Baettig, Sascha J [28]	Switzerland	2	patient 1	M	NA	none	NP	mild	None	None
			patient 2	M	NA	none	NP	mild	None	None
Cheng, Shao-Chung [29]	Taiwan	1		F	55	hypothyroidism	OP, Sp, St, U	mild	10	28
Winichakoon, Poramed [30]	Thailand	1		M	28	none	NP, OP	mild	3	20
Holshue, Michelle L [31]	USA	1		M	35		NP, OP, St, B, U	mild	5	

Scott, Sarah E [32]	USA	1		M	26	none	NP, OP, Sp, B	mild	None	None

A: anal/rectal swab; B: blood sample (serum, plasma, whole blood or not specified); dps: days post symptoms onset; F: female; M: male; NA: not available: NP: nasopharyngeal/midturbinate/nasal swab; NP+OP: nasopharyngeal+oropharyngeal swab (both swabs collected in one tube or results published aggregated); OP: oropharyngeal/throat swab; Sp: sputum (induced/spontaneous sputum); St: stool; U: urine.

[a] Same patient described in different publications.

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