

Review of infective dose, routes of transmission and outcome of COVID-19 caused by the SARS-COV-2: comparison with other respiratory viruses– CORRIGENDUM

Corrigendum

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The original version of the article published with errors in [Table 2](#). For clarity, the corrected version of this table is shown below

Table 2. Experimental studies on the infective dose of coronaviruses in various mammals

Virus	Host	Dose (PFU)	Route of inoculation	Numbers and/or %, signs of infection	References
SARS-CoV-2	^a Ferret	221 359	IN	6/6	Kim [16]
		500	IN	16.7,1/6	Ryan [17]
		50 000	IN	6/6	
		5 000 000	IN	6/6	
		420 000	IN	4/4	Richard [18]
SARS-CoV-2	^b hACE2 mice	70 000	IN	36.8,7/19	Bao [19]
		400 000	IN	3/3	Sun [20]
		4 000 000	IG	1/3	
		630	Aerosol	2/2	Bao [21]
		21 000	IN	50% Lethal	Jiang [22]
		100 000	IN	40% Lethal	Dinnon [23]
HCoV-OC43	BALB/c mice	16 000	IN	3/3	Gu [24]
	BALB/c and C57B6 mice	70 000	IP/IC	100% Lethal	Jacomy [25]
	BALB/c mice	70	IC	100% Lethal	Shen [26]
SARS-CoV-1	tgMice	280	IN	NR	Watanabe [8]
MERS-CoV	tgMice	0.7	IN	NR	Tao [27]
		7	IN	50% Lethal	

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Table 2. (Continued.)

Virus	Host	Dose (PFU)	Route of inoculation	Numbers and/or %, signs of infection	References
SARS-CoV-2	^c Cynomolgus macaques	48 600	Aerosol	4/4	Johnston [28]
		700 000	IN/IT	4/4	Rockx [29]
SARS-CoV-2	^d Rhesus macaques	700 000	IO	2/2	Deng [30]
			IT	1/1	
			IG	0/2	
		1 820 000	IN/IT/IO/Oral	8/8	Munster [31]
		11 000	IN/IT	3/3	Chandrashekar [32]
		110 000	IN/IT	3/3	
		1 100 000	IN/IT	3/3	
28 700	Aerosol	4/4	Johanston [28]		
SARS-CoV-2	^e African green monkeys	38 000	Aerosol	3/3	Johanston [28]
		500 000	IN/IT	6/6	Woolsey [33]
		3 000 000	IN	6/6	Cross [34]
		2000	Aerosol	2/2	Blair [35]
		3 610 000	IO/IT/IN/Oral	2/2	
SARS-CoV-2	^f Syrian hamster	398 107	IN/IO	4/4	Imai [36]
		1000	IN/IO	4/4	
		56 000	IN	3/3	Sia [37]
		100 000	IN	75,24/36	Osterrieder [38]
	Immunocompromised syrian hamster	100	IN	10/10	Brocato [39]
		1000	IN		
		10 000	IN	40% Lethal	
	^g Bats		70 000	IN	78,7/9

TCID₅₀, %50 tissue infective culture dose; PFU, plaque-forming units; tgMice, transgenic mice; hACE2, human angiotensin converting enzyme 2, BALB/c; begg albino laboratory-bred mouse, IN; intranasal, IG; intragastric, IO; intraocular, IT; intrathecal, IC; intracerebral, IP; intraperitoneal, NR; not reported.

One of the authors' names was also formatted incorrectly. The correct name is Nguyen Tien Huy. This has now been updated in the original article.

Reference

Karimzadeh, S., Bhopal, R., & Nguyen Tien, H. (2021). Review of infective dose, routes of transmission and outcome of COVID-19 caused by the SARS-COV-2: Comparison with other respiratory viruses. *Epidemiology and Infection*, **149**, E96. doi:10.1017/S0950268821000790