## Corrigendum to 'Oral Azvudine for hospitalised patients with COVID-19 and pre-existing conditions: a retrospective cohort study.' [EClinicalMedicine 59 (2023) 101981]

Yuming Sun,<sup>a,b,c,d,e,f,i</sup> Liping Jin,<sup>a,b,c,d,e,i</sup> Yating Dian,<sup>a,b,c,d,e,i</sup> Minxue Shen,<sup>a,b,c,d,e,g,i,\*\*\*</sup> Furong Zeng,<sup>h,\*\*\*\*</sup> Xiang Chen,<sup>a,b,c,d,e,\*\*</sup> and Guangtong Deng<sup>a,b,c,d,e,\*</sup>

<sup>a</sup>Department of Dermatology, Xiangya Hospital, Central South University, Changsha, China <sup>b</sup>National Engineering Research Center of Personalized Diagnostic and Therapeutic Technology <sup>c</sup>Furong Laboratory, Changsha, Hunan, China <sup>d</sup>Hunan Key Laboratory of Skin Cancer and Psoriasis, Hunan Engineering Research Center of Skin Health and Disease, Xiangya Hospital, Central South University, Changsha, China <sup>e</sup>National Clinical Research Center for Geriatric Disorders, Xiangya Hospital

<sup>f</sup>Department of Plastic and Cosmetic Surgery, Xiangya Hospital, Central South University, Changsha, China

<sup>g</sup>Department of Social Medicine and Health Management, Xiangya School of Public Health, Central South University, Changsha, Hunan, China

<sup>h</sup>Department of Oncology, Xiangya Hospital, Central South University, Changsha, Hunan, China

We would like to issue a correction for a mistaken phrase 'time from symptom onset to treatment exposure' in our published study and replace it with 'time from symptom onset to admission' as we stated in Data Source and Supplementary Fig. 1. We provide the detailed instructions for the modifications and the revised version of Fig. 3.

- Six modifications (replacing "time from symptom onset to treatment exposure" with "time from symptom onset to admission") are needed which appeared in Summary/Methods, Baseline covariates, Statistical analysis, Results, Table 1 and Supplementary Table 1.
- (2) Similarly, "About 87.3% patients were treated with Azvudine above 5 days of the symptom's onset" in Results should be changed to "About 87.3% patients were admitted above 5 days of the symptom's onset".
- (3) "Onset to exposure" in Fig. 3 should be changed to "Onset to admission"

The phrase "time from symptom onset to treatment exposure" initially used in the paper refers to the duration from the onset of COVID-19 symptoms to the period of treatment exposure, while the patients in the control group did not take any antiviral agents during the observation period. In fact, the variable we used for propensity-score matching in the study is the time from symptom onset to admission, but we mistakenly used the expression 'time from symptom set to treatment exposure'. We want to correct this error in the article and it did not change the results, direction, or conclusions of our study.

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<sup>\*</sup>Corresponding author. Department of Dermatology, Xiangya Hospital, Central South University, 87 Xiangya road, Changsha, Hunan, 410008, China. \*\*Corresponding author. Department of Dermatology, Xiangya Hospital, Central South University, 87 Xiangya road, Changsha, Hunan, 410008, China.

<sup>\*\*\*</sup>Corresponding author. Department of Dermatology, Xiangya hospital, Central South University, 87 Xiangya road, Changsha, Hunan, 410008, China.

<sup>\*\*\*\*</sup>Corresponding author. Department of Oncology, Xiangya Hospital, Central South University, Changsha, Hunan, China.

E-mail addresses: dengguangtong@outlook.com (G. Deng), chenxiangck@126.com (X. Chen), shenmx1988@csu.edu.cn (M. Shen), zengflorachn@hotmail.com (F. Zeng).

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<sup>&</sup>lt;sup>i</sup>Equal contribution.

## Corrigendum

Outcome	Covariate	Subgroup				HR[95%CI]	Р
Composite outcome	Overall	Overall				0.49[0.27-0.89]	0.01
	Age	18-65 years -				0.09[0.01-0.72]	0.02
		>65 years		_		0.68[0.35-1.30]	0.24
	Sex	Male				0.47[0.23-0.95]	0.03
		Female				0.59[0.19-1.79]	0.34
	Vaccination status	Vaccinated				0.49[0.16-1.48]	0.20
		Unknown	_			0.48[0.24-0.97]	0.04
	Onset to admission	>5 days	-			0.45[0.11-1.91]	0.2
		0-5 days	_			0.50[0.26-0.95]	0.0
	Severity at admission	Non-severe				0.85[0.38-1.90]	0.6
	Seventy at aumission	Severe -	_			0.24[0.09-0.65]	0.0
	Quatanzia atazaid	No					0.0
	Systemic steroid		_			0.52[0.24-1.13]	
	A	Yes	-			0.39[0.16-0.99]	0.0
	Antibiotics	No				0.86[0.37-1.99]	0.7
		Yes	-			0.28[0.11-0.70]	0.0
	Immunomodulators	No				0.52[0.28-0.96]	0.0
		Yes -	• :			0.27[0.03-2.58]	0.2
	History of disease	Hypertension				0.84[0.41-1.73]	0.6
		Coronary heart disease				1.07[0.41-2.76]	0.8
		Cerebral infarction -	•			0.29[0.07-1.18]	0.0
		Diabetes				0.97[0.32-2.94]	0.9
		COPD				0.74[0.16-3.33]	0.6
		Chronic kidney disease-	-			0.47[0.05-4.52]	0.5
		Cancer	i	•	>	1.41[0.15-13.64]	0.7
All-cause death	Overall	Overall		_		0.45[0.15-1.36]	0.1
	Age	18-64 years					0.9
	0	>65 years			_	0.66[0.20-2.18]	0.4
	Sex	Male				0.70[0.19-2.63]	0.6
		Female -	-			0.19[0.02-1.73]	0.1
	Vaccination status	Vaccinated			<b>,</b>	0.85[0.12-6.09]	0.8
	vaconation status	Unknown	_			0.45[0.11-1.80]	0.2
	Onset to admission	>5 days				0.56[0.18-1.80]	0.2
	Onset to aumission	0-5 days				-	0.9
	Councilou at a designing		_				
	Severity at admission	Non-severe -	-			0.28[0.05-1.50]	0.1
		Severe -	•			0.46[0.08-2.50]	0.3
	Systemic steroid	No -	•			0.30[0.06-1.50]	0.1
		Yes	-			0.68[0.13-3.43]	0.6
	Antibiotics	No				1.04[0.17-6.32]	0.9
		Yes -	•	_		0.27[0.06-1.32]	0.1
	Immunomodulators	No	-	_		0.40[0.12-1.35]	0.1
		Yes -	•			0.86[0.05-13.69]	0.9
	History of disease	Hypertension			_	0.64[0.17-2.41]	0.5
		Coronary heart disease				1.45[0.26-8.22]	0.6
		Cerebral infarction -	-			0.29[0.03-3.27]	0.3
		Diabetes				0.78[0.11-5.64]	0.8
		COPD					0.9
		Chronic kidney disease					0.9
		Cancer					0.9

Fig. 3: The effectiveness of Azvudine in reducing the risk of composite disease progression outcome and risk of all-cause death by subgroups of selected baseline characteristics. Abbreviation, COPD, chronic obstructive pulmonary disease. Ellipsis (...) means that the model does not converge due to few outcomes; Horizontal lines indicate the ranges of the 95% CIs and the vertical dash lines indicate the hazard ratio of 1.

Baseline characteristics	Before matching			After 1:1 propensity-score matching			
	Azvudine (n = 245)	Controls (n = 722)	SMD	Azvudine (n = 245)	Matched controls (n = 245)	SMD	
Age (years), mean (SD)	69.13 (13.4)	66.89 (14.8)	0.159	69.13 (13.4)	69.25 (14.0)	0.022	
Sex, n (%)			0.079			0.025	
Men	154 (62.9)	426 (59.0)		154 (62.9)	157 (64.1)		
Women	91 (37.1)	296 (41.0)		91 (37.1)	88 (35.9)		
COVID-19 vaccination status			0.010			0.016	
Vaccinated	118 (48.2)	344 (47.6)		118 (48.2)	120 (49.0)		
Unknown	127 (51.8)	378 (52.4)		127 (51.8)	125 (51.0)		
Time from symptom onset to admission, n (%)			0.334			0.012	
0-5 days	214 (87.3)	537 (74.4)		214 (87.3)	215 (87.8)		
>5 days	31 (12.7)	185 (25.6)		31 (12.7)	30 (12.2)		
Severity at admission, n (%)			0.189			0.060	
Non-severe	88 (35.9)	196 (27.1)		88 (35.9)	81 (33.1)		
Severe	157 (64.1)	526 (72.9)		157 (64.1)	164 (66.9)		
Concomitant treatments initiated at admission, n (%)							
Systemic steroid	64 (26.1)	152 (21.1)	0.119	64 (26.1)	56 (22.9)	0.076	
Antibiotics	130 (53.1)	265 (36.7)	0.333	130 (53.1)	138 (56.3)	0.065	
Immunomodulators	25 (10.2)	57 (7.9)	0.080	25 (10.2)	22 (9.0)	0.042	
SMD, Standard mean difference.							
Table 1: Baseline characteristics of the participants.							

## Corrigendum

Covariates	Coefficients	Standard Errors	P values
Intercept	-2.185619	0.522340	2.86e-05
Age (years)	0.004412	0.005592	0.430118
Gender (female vs. male)	-0.077771	0.157773	0.622062
Severity at admission (severe vs. non-severe)	-0.146920	0.166242	0.376818
COVID-19 vaccination status (vaccinated vs. unknown)	0.149249	0.154748	0.334811
Time from symptom onset to admission (0-5 vs. >5 days)	0.725780	0.218937	0.000916
Systemic steroid (yes vs. no)	0.035365	0.181723	0.845697
Antibiotics (yes vs. no)	0.544309	0.155723	0.000473
Immunomodulators (yes vs. no)	0.550108	0.194569	0.004694