

## **Supporting Information**

### **Safety and Efficacy of Paxlovid Against Omicron Variants of Coronavirus Disease 2019 in Elderly Patients**

Chengzhao Weng<sup>1, 5</sup> · Rongcheng Xie<sup>3</sup> · Guanjie Han<sup>4</sup> · Ya Yuan<sup>4</sup> · Shiqin Li<sup>1</sup> · Chao Wang<sup>1</sup> · Xiaofeng Wang<sup>2, 4</sup> · Wei Jiang<sup>1, 6</sup> · Libo Jiang<sup>2, 4, 5</sup>

#### **Affiliations:**

1. Department of Gastroenterology and Hepatology, Zhongshan Hospital (Xiamen), Fudan University, Xiamen 361000, China
2. Department of Orthopaedic Surgery, Zhongshan Hospital (Xiamen), Fudan University, Xiamen 361000, China
3. Department of Critical Care Medicine, Zhongshan Hospital (Xiamen), Fudan University, Xiamen 361006, China
4. Department of Orthopaedic Surgery, department of rehabilitation medicine, Zhongshan Hospital, Fudan University, Shanghai 200032, China
5. Xiamen Clinical Research Center for Cancer Therapy, Zhongshan Hospital (Xiamen), Fudan University, Xiamen 361000, China
6. Department of Gastroenterology and Hepatology, Zhongshan Hospital, Fudan University, Shanghai 200032, China

Chengzhao Weng, Rongcheng Xie and Guanjie Han have contributed to this work equally.

**Corresponding author:** E-mail address: [wang.xiaofeng@zs-hospital.sh.cn](mailto:wang.xiaofeng@zs-hospital.sh.cn) (Xiaofeng

Wang); [jiang.wei@zs-hospital.sh.cn](mailto:jiang.wei@zs-hospital.sh.cn)(Wei Jiang); [jiang.libo@zs-hospital.sh.cn](mailto:jiang.libo@zs-hospital.sh.cn) (Libo Jiang)

**Table S1** Laboratory and radiological findings of patients with COVID-19

<b>Variables</b>	<b>Total</b>	<b>Treatment</b>		<b>Control</b>		<b><i>p</i></b>
	<b>N=163</b>	<b>group</b>		<b>group</b>		
		<b>N = 82</b>		<b>N = 81</b>		
<b>Blood routine</b>						
White blood cell count, $\times 10^9/L$	5.0 (3.9–6.0)	5.1 (3.9–6.1)	4.8 (3.8–5.9)	0.983		
Hemoglobin (g/L)	124 (109–133)	125 (111–136)	122 (109–129)	0.183		
Lymphocyte count, $\times 10^9/L$	1.3 (1.0–1.7)	1.3 (0.9–1.7)	1.5 (1.1–1.8)	0.160		
Platelet count, $\times 10^9/L$	187 (148–233)	186 (151–233)	194 (138–228)	0.812		
<b>Blood biochemistry</b>						
ALT, U/L	15.0 (9.7–22.0)	14.4 (9.2–23.2)	15.0 (10.0–21.8)	0.668		
AST, U/L	21.5 (18.0–27.7)	20.0 (16.0–27.3)	22.0 (18.0–27.9)	0.641		
Albumin, g/L	37.8 (34.9–40.0)	38.0 (35.0–41.1)	37.1 (34.2–39.5)	0.086		

Globulin, g/L	27.0 30.0)	(24.2– 29.9)	27.0 29.9)	(24.2– 29.9)	26.7 30.4)	(24.1– 30.4)	0.445
Lactate dehydrogenase, U/L	203 237)	(179– 237)	203 237)	(176– 237)	203 239)	(187– 239)	0.219
Serum creatinine, µmol/L	75 (63–92)	76 (63–90)	75 (63–98)				0.365
GFR, mL/min	92.5 109.1)	(75.9– 108.7)	92.4 108.7)	(77.0– 108.7)	93.5 109.3)	(72.2– 109.3)	0.699
C-reactive protein, mg/L	5.8 (3.0–15.0)	5.8 (3.2–18.0)	6.5 (2.8–14.5)				0.447
<b>Coagulation function</b>							
Prothrombin time, s	11.7 12.5)	(11.3– 12.5)	11.7 12.5)	(11.2– 12.5)	11.7 12.6)	(11.4– 12.6)	0.520
aPTT, s	28.4 31.0)	(26.3– 31.2)	28.4 31.2)	(26.7– 31.2)	28.2 30.8)	(26.2– 30.8)	0.928
D-dimer, ng/mL	0.5 (0.3–1.0)	0.4 (0.3–0.8)	0.6 (0.4–1.1)				0.290
<b>CT Image</b>							
Visual Severity Scores	2 (0–2)	2 (0–2)	2 (0–3)				0.261

<b>Nucleic acid Ct</b>	19.8	(17.3–	19.5	(17.1–	20.0	(17.6–	0.218
<b>on admission</b>	24.7)		23.9)		24.8)		

---

COVID-19, coronavirus disease 2019; ALT, Alanine aminotransferase;  
 AST, Aspartate aminotransferase; GFR, Glomerular filtration rate; aPTT,  
 activated partial thromboplastin time; CT, computed tomography