

Supplementary Online Content

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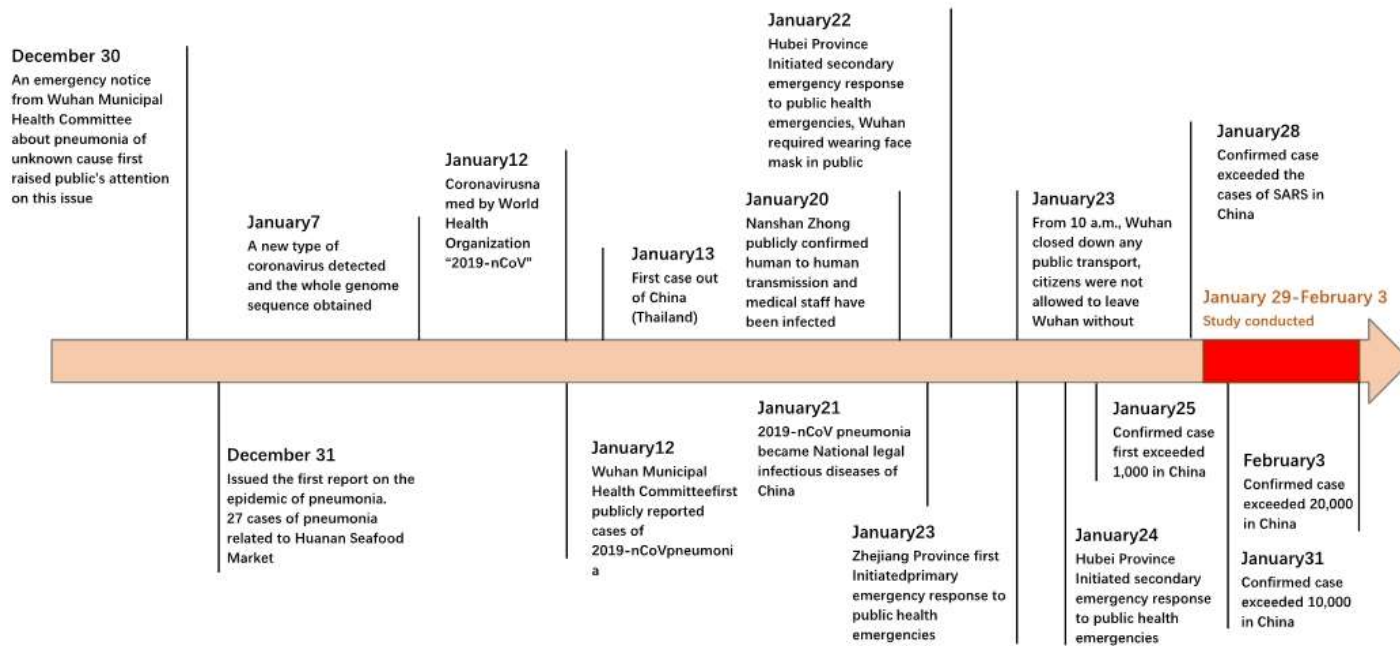
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This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure. Milestone Events during the Outbreak and Epidemic of COVID-19^a

^a From December 31, 2019 to January 31, 2020, the confirmed case of COVID-19 increased dramatically from 27 to over 10,000. This study was conducted from January 29 to February 3, 2020, as indicated in the figure.



eTable 1. Occupation and Geographic Data of Nonrespondents

Total ^a	Occupation			Geographic location		
	Physician	Nurse	Wuhan	Hubei Province outside of Wuhan)	Outside Hubei Province	
No, (%)	573	209(36.5)	364(63.5)	349(60.9)	111(19.4)	113(19.7)

^a Among the 1830 individuals asked to participate, 573 (31.3%) did not respond to the survey.

eTable 2. Intergroup Comparisons of Regional Differences on Scores of Symptoms of Depression, Anxiety, Insomnia, and Distress

Scale	Geographic location			<i>P1</i> ^a	<i>P2</i> ^b	<i>P3</i> ^c
	Wuhan	Hubei Province outside of Wuhan	Outside Hubei Province			
PHQ-9, median (IQR)	5.0(2.0, 8.0)	4.0(1.0, 7.0)	3.0(0.0, 7.0)	.42	.02	< .001
GAD-7, median (IQR)	4.0(1.0, 7.0)	3.0(0.0, 6.0)	2.0(0.0, 6.0)	.40	.01	< .001
ISI, median (IQR)	5.0(2.0, 10.0)	4.0(1.0, 8.0)	3.0(1.0, 8.0)	.65	.02	< .001
IES-R, median (IQR)	21.0(8.5, 34.5)	18.0(6.0, 28.0)	15.0(4.0, 26.0)	.34	.007	< .001

Abbreviation: PHQ-9, 9-item Patient Health Questionnaire; GAD-7, 7-item Generalized Anxiety Disorder; ISI, 7-item Insomnia Severity Index; IES-R, 22-item Impact of Event Scale-Revised; IQR, interquartile range.

^a Outside Hubei Province vs Hubei Province outside of Wuhan.

^b Wuhan vs Hubei Province outside of Wuhan.

^c Wuhan v. Outside Hubei Province.

eTable 3. Factor Scores of IES-R in Total Participants and Subgroups

Factor	Total score	Occupation		P value	Sex		P value	Working position		P value	Type of hospital		P value
		Physician	Nurse		Male	Female		Front-line	Second-line		Tertiary	Secondary	
Avoidance, median (IQR)	6.0(2.0, 11.0)	6.0(1.0, 10.0)	6.0(2.0, 12.0)	.02	5.0(0.0, 10.0)	7.0(2.0, 11.0)	<.001	7.0(2.0, 12.0)	5.0(1.0, 10.0)	<.001	6.0(2.0, 11.0)	6.0(1.0, 11.0)	.35
Intrusion, median (IQR)	8.0(3.0, 13.0)	7.0(2.0, 13.0)	8.0(4.0, 13.0)	.006	6.0(2.0, 11.0)	8.0(4.0, 13.0)	<.001	9.0(4.0, 14.0)	7.0(3.0, 11.0)	<.001	8.0(4.0, 13.0)	8.0(3.0, 13.0)	.47
Hyperarousal, median (IQR)	5.0(1.0, 8.0)	4.0(1.0, 8.0)	5.0(1.5, 9.0)	.02	3.0(0.0, 8.0)	5.0(2.0, 9.0)	<.001	6.0(2.0, 9.0)	4.0(1.0, 8.0)	<.001	5.0(1.0, 8.0)	5.0(1.0, 9.0)	.19

Abbreviation: IES-R, 22-item Impact of Event Scale-Revised; IQR, interquartile range.

eTable 4. Hospital Type and Factor Scores of IES-R in Front-line Workers

Factor	First-line workers		
	Tertiary hospital	Secondary hospital	<i>P</i> value
Avoidance, median (IQR)	8.0(2.0, 13.0)	6.0(2.0, 11.0)	.06
Intrusion, median (IQR)	9.0(4.0, 15.0)	8.0(4.0, 13.0)	.15
Hyperarousal, median (IQR)	6.0(2.0, 10.0)	6.0(2.0, 9.0)	.29

Abbreviation: IES-R, 22-item Impact of Event Scale-Revised; IQR, interquartile range.

eTable 5. Intergroup Comparisons of Regional Differences on Factor Scores of IES-R

Scale	Geographic location			<i>P1</i> ^a	<i>P2</i> ^b	<i>P3</i> ^c
	Wuhan	Hubei Province outside of Wuhan)	Outside Hubei Province			
Avoidance, median (IQR)	7.0(2.0, 12.0)	5.0(2.0, 10.0)	4.0(1.0, 9.0)	.47	.01	<.001
Intrusion, median (IQR)	8.0(4.0, 14.0)	7.0(3.0, 11.0)	6.0(2.0, 11.0)	.93	.001	<.001
Hyperarousal, median (IQR)	5.0(2.0, 9.0)	5.0(1.0, 8.0)	3.0(0.0, 7.0)	.06	.19	<.001

Abbreviation: IES-R, 22-item Impact of Event Scale-Revised; IQR, interquartile range.

^a Outside Hubei Province vs Hubei Province outside Wuhan.

^b Wuhan vs Hubei Province outside ofWuhan.

^c Wuhan vs Outside Hubei Province.