

**Supplementary Table S1.** Pearson correlation analysis of other departments.

Other departments	Knowledge	Attitude	Practice
Knowledge	1		
Attitude	0.194 (P=0.033)	1	
Practice	-0.019 (P=0.083)	0.313 (P=0.001)	1

**Supplementary Table S2.** Pearson correlation analysis of relevant departments.

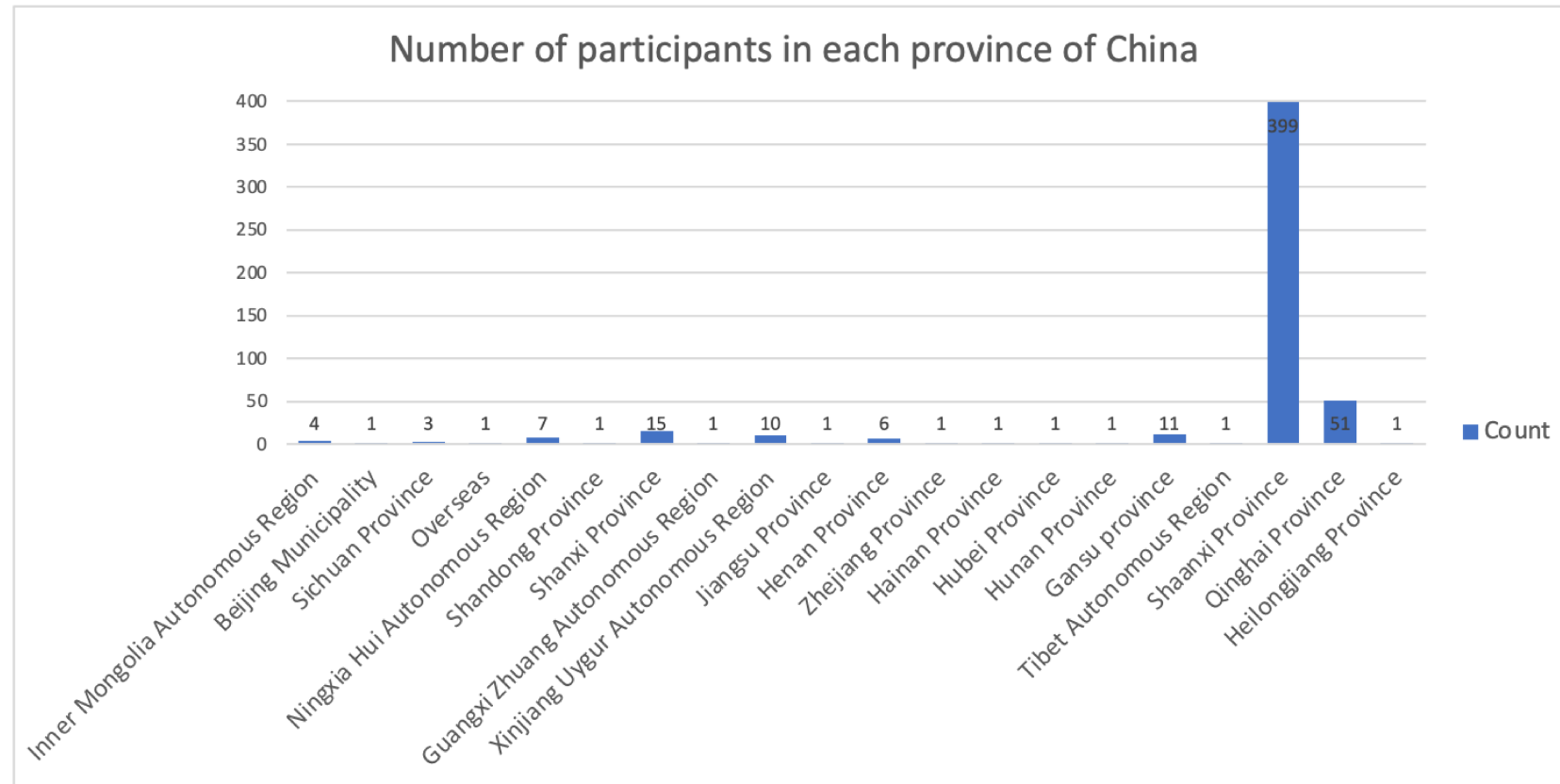
Relevant departments	Knowledge	Attitude	Practice
Knowledge	1		
Attitude	0.373 (P< 0.001)	1	
Practice	0.232 (P< 0.001)	0.300 (P< 0.001)	1

**Supplementary Table S3.** Univariate logistic regression of relevant departments' practice

Variables	Practice	
	OR (95%CI)	P
<b>Knowledge score</b>		
<70%	Ref.	
≥70%	0.92 (0.60, 1.41)	0.699
<b>Attitude score</b>		
<70%	Ref.	
≥70%	1.38 (0.91, 2.08)	0.132
<b>Gender</b>		
Male	Ref.	
Female	1.33 (0.80, 2.23)	0.273
<b>Age (years)</b>		
≤ 40	Ref.	

> 40	0.84 (0.55, 1.28)	0.421
<b>Education</b>		
Bachelor's degree and below	Ref.	
Master's degree	0.95 (0.61, 1.48)	0.805
Doctoral degree	1.25 (0.60, 2.61)	0.547
<b>Job title</b>		
Resident	Ref.	
Attending physician	1.05 (0.53, 2.08)	0.878
Deputy chief physician	1.20 (0.60, 2.42)	0.603
Chief physician	0.67 (0.27, 1.66)	0.384
<b>Years of work experience</b>		
< 5	Ref.	
5 – 10	1.32 (0.58, 2.98)	0.509
10 – 15	1.23 (0.56, 2.67)	0.609

15 – 20	1.64 (0.72, 3.70)	0.237
> 20	0.85 (0.37, 1.98)	0.708
<b>Hospitals classification</b>		
Public primary and secondary hospitals	Ref.	
Public tertiary hospitals	0.81 (0.51, 1.31)	0.393
Private hospitals	0.85 (0.36, 2.04)	0.724
<b>Department</b>		
Neurosurgery	Ref.	
Orthopedics	0.62 (0.26, 1.46)	0.276
Neurology	0.97 (0.63, 1.49)	0.882



**Supplementary Figure S1.** Geographic distribution of participants