SUPPLEMENTARY FIGURE

The questionnaire was designed for radiologists who have used AI systems before. The information you provide will be kept strictly confidential. Please fill out the questionnaire in the green area.

Part 1 Basic Information

Age Range		Gender	
Affiliated Hospital		Working Years	
Professional Title		AI Experience Years	
Any Other Used AI System (AI-practiced techniques)			
AI Practiced Techniques besides Lung Nodule AI (Subspecialty diagnosis)			

Part 2 AI System Usability Scale

	Questions	Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
A1	I think that I would like to use this system frequently.					
A2	I found the system unnecessarily complex.					
A3	I thought the system was easy to use.					
A4	I think that I would need the support of a technical person to be able to use this system.					
A5	I found the various functions in this system were well integrated.					
A6	I thought there was too much inconsistency in this system.					
A7	I would imagine that most people would learn to use this system very quickly.					
A8	I found the system very cumbersome to use.					
A9	I felt very confident using the system.					
A10	I needed to learn a lot of things before I could get going with this system.					

Part 3 Comprehensive evaluation of AI technology

	Questions	Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
B1	The AI system helped me improve my work efficiency.					
B2	The AI system helped me improve my diagnostic accuracy.					
B3	If a diagnostic error still occurs based on the use of AI systems, all responsibility should rest with the radiologist.					
B4	Although I worked with AI systems, I didn't have enough training in imaging AI.					
B5	AI systems will affect the employment opportunities of imaging physicians in the next 5-10 years.					
B6	Medical imaging AI technology will replace radiologists in the long run.					
B7	Medical imaging AI technology will have a positive impact on the imaging department in the next five years.					
B8	I would recommend that other radiologists use AI systems.					

Thank you for your participation!

Supplementary Figure 1: Survey of radiologists' experience in using artificial intelligence-assisted system.