Appendix 1

The questionnaire was structured based on the model developed by Oh *et al.* (21), which evaluated physician confidence in artificial intelligence through an online mobile survey (open-access article distributed under the cc-by license).

The Impacts of Artificial Intelligence Interventions on Providers' Practices Survey

1. Age ____

2. Gender □1 = male □ 2 = female

3. Years of practice □1-4 years □ 5-9 years □ 10-14 years □15 years or more

4. What is your job role? Physician = 1 Nurse = 2 Other kind of provider = 3

5. What is your employment status? Full time = 1 Part time = 2 Contract = 3

6. I am generally familiar with AI. □1 = Yes □ 2 = No

7. Please specify the types of AI interventions you have encountered (check all that apply):
   o AI-based hand hygiene monitoring system
   o Clinical decision support systems (CDS)
   o Diagnostic AI
   o Natural language processing (NLP) for documentation
   o Other (please specify: ____)

8. I have a prior understanding of technology for artificial intelligence □1 = Significant □ 2 = Some □ 3 = None

9. I am proficient with digital technology □1 = Significant □ 2 = Some □3 = None

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Section 1: Providers' Perceptions of AI

Please answer the following questions using the 1–5 scale below (1 being strongly disagree, 5 being strongly agree):	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
1. The efficiency of my practice has significantly improved with AI interventions.	□1	□2	□3	□4	□5
2. I would always rely on AI to make medical decisions in the future.	□1	□2	□3	□4	□5
3. I am concerned about possible errors and inaccuracies in AI.	□1	□2	□3	□4	□5
Section 2: The Impact of AI on Patient Outcomes					
1. I believe AI interventions have significantly improved patient outcomes, such as enhanced health results and lower readmission rates.	□1	□2	□3	□4	□5
2. Overall, patients in my practice have shown increased trust in AI-assisted medical decisions.	□1	□2	□3	□4	□5
3. I am confident in the accuracy and reliability of AI-driven recommendations or decisions in patient care.	□1	□2	□3	□4	□5

Is there anything else you would like to add about your concerns or perceptions regarding AI in healthcare?