

### Medical Student Artificial Intelligence Information Literacy Scale (MS-AIILS)

Dimension	Number	entry	5	4	3	2	1
Identifying information needs	1	I am familiar with the typical applications of artificial intelligence in the medical field, such as disease diagnosis assistance and nursing assessment.					
	2	I can identify the support that AI tools can provide during medical studies.					
	3	I can identify the specific problems that require AI tools to solve in clinical practice.					
	4	I can determine the specific areas and stages where AI tools can play a supportive role within multidisciplinary teams.					
Obtaining information	5	I can retrieve authoritative literature in the field of medical AI through database searches.					
	6	I can access the latest advancements in AI technology in the medical field through online resources.					
	7	I can select appropriate artificial intelligence learning platforms or tools to retrieve medical-related information based on course learning needs.					
	8	I can obtain the latest research results in this field by participating in artificial intelligence seminars, academic conferences, and other activities.					
	9	I can adjust my search strategy based on feedback from search results to obtain more accurate artificial intelligence-related information.					
Evaluating information	10	I can judge whether the medical knowledge provided by artificial intelligence tools is consistent with authoritative textbooks or the latest research.					
	11	I can assess whether the case analyses provided by AI tools are based on reliable clinical data and evidence.					
	12	I can identify the limitations of AI tools in professional learning and practice and consider them in decision-making.					
	13	I can determine the applicability and effectiveness of different AI tools in medical learning scenarios (such as theoretical learning and practical operations).					
	14	I can assess the accuracy and reliability of medical information provided by AI tools.					
Using information	15	I can use appropriate AI tools to perform preliminary processing and analysis of learning cases or medical experimental data.					
	16	I can effectively apply the information provided by AI tools to medical coursework, exam review, and other learning activities.					
	17	I can collaborate with other students to use AI to complete					

		medical-related assignments or research projects.				
18		I understand the ethical guidelines for using AI in medical learning (such as patient privacy and academic misconduct).				
19		I understand the legal guidelines involved in using AI in professional learning and clinical practice (such as data security and intellectual property rights) to ensure compliance with the law.				