

Table S1 Survey Questionnaire Items

Section	Item No.	Question	Response Type / Options
Demographics	1	What is your current academic level?	4th year / 5th year / Intern
	2	What is your gender?	Male / Female
	3	Which dental school are you enrolled in?	Prince Sattam bin Abdulaziz University Majmaah University Al Qassim University
Knowledge of AI	4	I understand what the term “artificial intelligence” means.	Yes / No
	5	I understand what the term “machine learning” means.	
	6	Have you participated in or observed any presentations or discussions about AI?	
Perception of AI in Patient Care	7	How likely is AI to help analyze patient information to reach diagnoses?	Extremely likely / Likely / Uncertain / Unlikely / Extremely unlikely
	8	How likely is AI to read and interpret diagnostic imaging?	
	9	How likely is AI to evaluate when to refer patients to specialists?	
	10	How likely is AI to formulate a treatment plan?	
Perception of AI in the Health System	11	How likely is AI to provide documentation (e.g., patient updated medical records)?	Extremely likely / Likely / Uncertain / Unlikely / Extremely unlikely
	12	How likely is AI to assist hospitals in capacity planning and human resource management?	
	13	How likely is AI to provide recommendations for quality improvement in practices/hospitals?	
Impact on Ethics and Dental Education	14	AI will or already did impact my choice of dental speciality.	Strongly agree / Agree / Neither agree nor disagree / Disagree / Strongly disagree
	15	AI will reduce the number of jobs.	
	16	AI in dentistry will raise new ethical challenges.	
	17	AI in dentistry will raise new social challenges.	
	18	My dental education is adequately preparing me to work alongside AI tools.	
	19	Dental training should include AI competencies (e.g., what is AI, how it will impact us, what challenges it raises).	
	20	Every dental trainee should be required to receive training in AI competencies.	