

Supplementary Table 1. Example of coding framework applied in the data charting process

Variable		Original text example	Coding category
Educational technology	Type	Online	Online
	Sub-type	Web-based platform	Web browser
Formative assessment	Course	<p>They were assigned to 1-month rotations in the operating rooms of three educational hospitals.</p> <p>Students in both intervention and control groups attended the internship from 8 am to 12 pm.</p>	Practicum
	Content	<p>Educational mentors could monitor the students' performance trends and continuously assess their clinical skills by presenting statistical analyses of the evaluation results illustrated in the form of charts.</p>	Skill
	Method	<p>-The video also provided detailed instructions on how to complete the online questionnaires created using the Porsline exam builder platform for the students in the intervention group.</p> <p>-The evaluators received a link to a personalized CCAT questionnaire for each student on their mobile phones every week, which they completed and returned to the research team.</p>	Formal
Educational feedback	Provider	<p>-Educational mentors could monitor the students' performance trends and continuously assess their clinical skills by presenting statistical analyses of the evaluation results illustrated in the form of charts.</p> <p>-This allowed them to provide appropriate feedback to students and share the results with stakeholders in a user-friendly manner.</p>	Educator
	Timing	<p>Results of student performance evaluation were sent, through a dedicated link, to the students as online feedback immediately after completing the internship each week.</p>	Immediate
	Specificity	<p>-The CCAT for the intervention group was designed such that, in addition to completing closed-ended questions, the evaluator could also provide textual feedback on the strengths and weaknesses of each student (Supplementary S2).</p> <p>-In addition to these graphs, the students could view comments on their performance related to their professional internship activities, which can indicate strengths and weaknesses based on the CCAT (Figure 2A).</p>	Constructive