

**Table S4** – Scoping summary of outcome measures.

Outcome measures	Number of studies	% studies
<b><u>ACADEMIC PERFORMANCE</u></b>	<b><u>33</u></b>	<b><u>80.4%</u></b>
Exam scores	30	90.9%
Objective structured clinical examination score (OSCE)	3	9.1%
Number of students with correct answers	1	3.0%
Mean difference in test evaluation scores	1	3.0%
Summative of perception scores	1	3.0%
Critical thinking-based scores	1	3.0%
<b><u>PERCEPTIONS</u></b>	<b><u>15</u></b>	<b><u>36.6%</u></b>
<b>INDIVIDUAL PERCEPTIONS</b>	<b>13</b>	<b>86.7%</b>
Understanding and knowledge absorption	6	46.2%
Critical thinking	5	38.5%
Clinical decision making	5	38.5%
Interest and motivation	5	38.5%
Learning experience	5	38.5%
Satisfaction with teaching method	4	30.8%
Self-learning	4	30.8%
Time allotted for classes	4	30.8%
Perceptions for exams	4	30.8%
Learning effectiveness	3	23.1%
Lack of time available for personal activities	2	15.4%
Financial notions in medical acts	2	15.4%
Forced postponement of marriage or engagement	1	7.7%
Conflict with parents over career decision	1	7.7%
Concern about treatment grades awarded	1	7.7%
Transition from preclinical to clinical years	1	7.7%
Responsibilities for comprehensive patient care	1	7.7%
How doctors work with patient cases step by step in a longitudinal primary care setting	1	7.7%

Expectation of medical school and what reality it is like	1	7.7%
Self-evaluation	1	7.7%
Communication skills	1	7.7%
Understand how to share information with patients	1	7.7%
Too much pressure in classroom	1	7.7%
The sessions increased academic burden to some extent	1	7.7%
Observation score of student behavior	1	7.7%
<b>INTER-PEER PERCEPTIONS</b>	<b>6</b>	<b>40.0%</b>
Inter-peer interaction in team work	6	100%
<b>STUDENT-FACULTY PERCEPTIONS</b>	<b>8</b>	<b>53.3%</b>
Student-teacher perceptions	7	87.5%
Inconsistency of feedback on work between different teachers	1	12.5%
Conflict with teacher or supervisor on personal matters	1	12.5%
Unfairness in teacher or staff distribution in some classes or clinics	1	12.5%
Questions asked by students	1	12.5%
Learning process	1	12.5%
Instructional aids	1	12.5%
<b>OTHER PERCEPTIONS</b>	<b>5</b>	<b>33.3%</b>
Attendance	2	40.0%
Rules and regulations of the school	1	20.0%
Amount of cheating in medical school	1	20.0%
Teaching methods will be welcome in curriculum changes	1	20.0%
Popularization	1	20.0%