

Table S2. Complete Individual Item Comparisons Between Intervention and Control Groups (All 13 Items of the Teaching Quality Evaluation Questionnaire)

Item No.	Item Text	Domain	Intervention (n=341) Mean $\pm$ SD	Control (n=341) Mean $\pm$ SD	Mean Difference	Cohen's d	95% CI (d)	P-value*
1	The instructor effectively transferred theoretical concepts to clinical practice	Concept Transfer	4.21 $\pm$ 0.65	3.06 $\pm$ 0.98	1.15	1.051	0.89 - 1.21	<0.001
2	The teaching helped me understand disease processes	Concept Transfer	4.18 $\pm$ 0.68	2.95 $\pm$ 0.95	1.23	1.102	0.94 - 1.26	<0.001
3	Problem-solving assignments enhanced my learning	Concept Transfer	4.16 $\pm$ 0.70	2.88 $\pm$ 0.97	1.28	1.212	1.05 - 1.37	<0.001
4	Classroom preparation was well-structured	Teaching Organization	4.24 $\pm$ 0.62	2.89 $\pm$ 0.99	1.35	1.250	1.09 - 1.41	<0.001
5	Learning objectives were clearly presented	Teaching Organization	4.20 $\pm$ 0.64	2.98 $\pm$ 0.96	1.22	1.095	0.93 - 1.26	<0.001

6	Time management during sessions was effective	Teaching Organization	4.13 ± 0.72	2.89 ± 1.01	1.24	1.105	0.94 - 1.27	<0.001
7	Teaching methods were varied and innovative	Teaching Methods	4.13 ± 0.71	2.86 ± 1.02	1.27	1.158	0.99 - 1.33	<0.001
8	The instructor used appropriate teaching tools	Teaching Methods	4.15 ± 0.69	2.90 ± 1.00	1.25	1.126	0.96 - 1.29	<0.001
9	Teaching techniques were engaging and dynamic	Teaching Methods	4.17 ± 0.68	2.88 ± 0.99	1.29	1.213	1.04 - 1.39	<0.001
10	The teaching method stimulated critical thinking	Teaching Methods	4.14 ± 0.70	2.97 ± 0.98	1.17	1.058	0.89 - 1.22	<0.001
11	Students were actively engaged in learning	Student Engagement	4.23 ± 0.63	3.00 ± 0.96	1.23	1.112	0.94 - 1.28	<0.001

12	The instructor encouraged student participation	Student Engagement	4.19 ± 0.66	2.94 ± 0.98	1.25	1.182	1.01 - 1.36	<0.001
13	The learning environment was supportive and interactive	Student Engagement	4.21 ± 0.65	2.97 ± 0.99	1.24	1.127	0.96 - 1.30	<0.001

Note: All items rated on a 5-point Likert scale (1 = Very Low to 5 = Very High). Effect sizes (Cohen's d) calculated using pooled standard deviation adjusted for unequal group sizes.

- *All P-values are from Mann-Whitney U tests and remained significant after Bonferroni correction for 13 comparisons (adjusted $\alpha = 0.0038$).*