

Supplementary Information (SI)

Implementing mind mapping in small-group learning to promote student engagement in the medical diagnostic curriculum: a pilot study

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Suppl Table 1 Comparison of the PE maneuver in the five groups. The data are displayed as medians (P25, P75).

Score	Group 3	Group 1	Group 2	Group 4	Group 5	P value
Total	92.5 (91.1, 94.9)	86.5 (82.8, 93.5)	89.0 (86.0, 92.0)	88.8 (82.3, 91.8)	86.3 (82.3, 89.0)	0.011
Head&Neck	90.5 (86.5, 92.5)	86.0 (82.5, 89.8)	88.0 (85.0, 90.0)	92.5 (91.3, 92.5)	85.0 (84.8, 89.8)	0.771
Lung	94.0 (92.0, 96.0)	88.0 (78.5, 93.0)	88.3 (83.5, 91.3)	91.0 (85.5, 91.5)	82.0 (82.0, 85.0)	0.771
Heart	93.3 (91.5, 95.3)	69.5 (53.0, 88.5)	88.8 (85.8, 90.5)	82.0 (81.5, 82.5)	89.0 (86.0, 91.0)	0.771
Abdomen	92.8 (91.8, 95.8)	93.5 (89.3, 96.0)	90.5 (83.8, 93.3)	88.5 (86.8, 88.8)	87.5 (78.3, 88.3)	0.771
Nervous system	90.5 (90.5, 94.5)	91.0 (89.5, 95.0)	90.0 (88.5, 93.5)	93.0 (92.5, 95.0)	93.0 (92.0, 94.0)	0.775

Suppl Table 2 Comparison of the ECG reading in the five groups. The data are displayed as medians (P25, P75).

Score	Group 1		Group 2		Group 3		P value	Group 4		Group 5		P value
quiz 1	2.5	(1.5, 4.6)	4.5	(3.0, 5.0)	4.0	(3.0, 5.0)	0.021	3.0	(2.9, 6.0)	7.0	(7.0, 9.0)	0.000
quiz 2	6.8	(4.0, 9.0)	7.0	(6.5, 9.0)	8.0	(6.8, 9.3)	0.179	7.0	(6.0, 9.0)	9.0	(8.0, 10.0)	0.009

Suppl Table 3 Comparison of the history taking in the five groups Scores of completeness and number of accompanying symptoms (AS) collected were recorded during history taking with standard patients (SPs) and real patients. The data are displayed as medians (P25, P75).

SP	Group 1		Group 2		Group 3		P value	Group 4		Group 5		P value
Completeness score	98.0	(97.0, 99.0)	73.5	(64.0, 83.0)	53.0	(46.0, 57.0)	0.010	80.5	(62.5, 88.0)	98.0	(98.0, 99.0)	0.016
No. AS	8.0	(6.0, 8.0)	1.0	(0, 2.5)	3.0	(1.5, 3.5)	0.013	0.0	(0, 1.0)	7.0	(6.0, 7.0)	0.016
Real patient												
Completeness score	99.0	(99.0, 99.5)	90.0	(90.0, 90.0)	92.0	(76.0, 93.0)	0.017	91.0	(86.0, 93.5)	98.0	(98.0, 99.0)	0.032
No. AS	8.0	(7.0, 8.0)	3.0	(2.0, 5.0)	4.0	(3.0, 4.0)	0.017	3.0	(2.5, 3.0)	7.0	(5.0, 7.0)	0.016