

Supplement 4 Results of the analyses of possible influencing factors in relation to the results of the theory tests T1 (Theory_{pre}) and T2 (Theory_{post}).

Total theory test result T1			
Factor	yes (mean±SD)	no (mean±SD)	p-value
Previous medical experience	48.5 ±12.6	44.0 ± 12.9	0.08
Gender male	49.8 ± 15.8	46.3 ± 11.5	0.19
Previous experience in ultrasound	52.5 ±14.5	46.4 ± 12.6	0.07
Radiological knowledge	49.5 ±15.9	47.2 ± 12.1	0.50
Previous practical ultrasound experience	56.9 ±8.9	46.2 ± 13.1	<0.0001
Total theory test result T2			
Factor	yes (mean±SD)	no (mean±SD)	p-value
Complete use of the lecture notes	63.5±9.0	57.4± 22.2	0.77
lecture notes preparation time (yes= more than 3h/week; no=less than 3h/week)	63.2± 7.4	63.6± 10.2	0.88
Dealing with other radiology topics	67.6±5.3	62.8± 9.71	0.03