

Appendix 1

Self-reported mean (standard deviation) patient safety dimension scores for *medical students* stratified by year in program.

Domain		Year 1	Year 2	Year 3	Year 4	Statistic		
		Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	F	Total df	P value
Clinical safety skills	Class ¹	3.7 (0.6)	4.0 (0.7)	4.0 (0.6)	4.0 (0.7)	4.6	239	<0.01
	Clinical ²	3.7 (0.7)	3.9 (0.7)	3.8 (0.7)	4.1 (0.6)	3.4	221	0.02
Working in teams	Class ³	4.0 (0.6)	3.6 (0.8)	3.6 (0.8)	3.3 (0.8)	10.2	243	<0.01
	Clinical	3.8 (0.7)	3.5 (0.7)	3.7 (0.7)	3.7 (0.9)	1.1	220	0.35
Communicate effectively	Class	4.0 (0.7)	3.9 (0.8)	3.9 (0.9)	3.7 (1.0)	2.4	238	0.07
	Clinical	3.8 (0.7)	3.9 (0.7)	3.9 (0.7)	4.0 (0.8)	0.8	221	0.51
Managing safety risk	Class	3.4 (0.9)	3.2 (1.0)	3.3 (1.0)	3.0 (0.9)	2.2	234	0.09
	Clinical ⁴	3.5 (0.9)	3.2 (0.9)	3.4 (0.9)	3.7 (0.8)	2.9	214	0.04
Human & environmental factors	Class	3.4 (0.9)	3.0 (1.0)	3.2 (0.9)	3.1 (0.9)	2.0	237	0.12
	Clinical ⁵	3.3 (0.8)	3.0 (1.0)	3.4 (0.9)	3.5 (1.0)	2.7	216	0.05
Recognize & respond to remove immediate risks	Class	3.5 (0.9)	3.4 (0.9)	3.4 (1.0)	3.2 (1.0)	0.8	236	0.51
	Clinical	3.5 (0.8)	3.3 (0.9)	3.5 (0.8)	3.6 (0.8)	1.5	208	0.22
Culture of safety	Class ⁶	3.9 (0.6)	3.4 (0.8)	3.5 (1.0)	3.2 (1.1)	5.3	238	<0.01
	Clinical	3.6 (0.8)	3.5 (0.8)	3.4 (1.0)	3.6 (1.0)	1.0	210	0.39

Likert Scale: 1 (strongly disagree) to 5 (strongly agree); SD=standard deviation;

df=degrees of freedom; Effect sizes (ES) for significant pairwise differences (p<0.05).

¹Year (Y) 1 vs. Y2 (ES=0.46), Y3 (ES=0.50), Y4 (ES=0.46);

²Y1 vs. Y4 (ES=0.62);

³Y1 vs. Y2 (ES=0.57), Y3 (ES=0.57), Y4 (ES=0.99);

⁴Y2 vs. Y4 (ES=0.59);

⁵Y2 vs. Y4 (ES=0.50);

⁶Y1 vs. Y4 (ES=0.79).