

## APPENDIX

**Supplementary Table I. Comparisons of PHEEM scores between genders.**

Item	Mean ± SD		p-value
	Male (n = 70)	Female (n = 66)	
<b>Total PHEEM score</b>	113.61 ± 17.25	110.76 ± 16.13	0.32
Perception of autonomy	38.94 ± 6.39	38.03 ± 5.95	0.39
Perception of teaching	43.39 ± 6.63	42.17 ± 6.31	0.28
Perception of social support	31.29 ± 5.25	30.56 ± 4.88	0.41
<b>Q27. I have enough clinical learning opportunities for my needs</b>	3.06 ± 0.56	2.88 ± 0.54	0.06
<b>Q30. I have opportunities to acquire the appropriate practical procedures for my grade</b>	3.06 ± 0.59	2.83 ± 0.60	0.03
<b>Q36. I get a lot of enjoyment out of my present job</b>	2.91 ± 0.81	2.65 ± 0.81	0.06

PHEEM: Postgraduate Hospital Educational Environment Measure; Q: question; SD: standard deviation

**Supplementary Table II. Comparisons of PHEEM scores between residency grades.**

Item	Mean ± SD			p-value
	R1 (n = 42)	R2 (n = 51)	R3 (n = 43)	
<b>Total PHEEM score</b>	110.00 ± 15.20	115.53 ± 15.83	110.49 ± 18.78	0.20
Perception of autonomy	37.76 ± 5.88	39.63 ± 5.75	37.88 ± 6.85	0.26
Perception of teaching	41.26 ± 6.07	44.50 ± 5.83	42.44 ± 7.30	0.07
Perception of social support	30.98 ± 4.51	31.55 ± 5.17	30.16 ± 5.47	0.42
<b>Q8. I have to perform inappropriate tasks</b>	3.05 ± 0.80	3.18 ± 0.65	2.67 ± 0.94	0.01
<b>Q14. There are clear clinical protocols</b>	2.60 ± 0.67	2.76 ± 0.76	3.12 ± 0.50	< 0.01
<b>Q21. There is access to an educational programme relevant to my needs</b>	2.69 ± 0.75	3.08 ± 0.44	2.81 ± 0.73	0.01
<b>Q22. I get regular feedback from seniors</b>	2.57 ± 0.70	2.98 ± 0.62	2.77 ± 0.68	0.01
<b>Q23. My clinical teachers are well-organised</b>	2.81 ± 0.55	3.08 ± 0.39	2.91 ± 0.61	0.02
<b>Q28. My clinical teachers have good teaching skills</b>	2.86 ± 0.35	3.12 ± 0.48	2.98 ± 0.64	0.05
<b>Q33. Senior staff utilise learning opportunities effectively</b>	2.83 ± 0.44	3.06 ± 0.37	2.79 ± 0.71	0.03
<b>Q34. The training in this post makes me feel ready to be a senior resident</b>	2.45 ± 0.67	2.73 ± 0.72	2.88 ± 0.59	0.01

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