

Factors associated with Medical Intern Training Performance in Malaysia



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Introduction

The medical intern training system in Malaysia has undergone various evolutions to ensure the quality of medical practice. Nevertheless, the performance of medical interns is still a concern when unsatisfactory performance shows an increasing trend. The objective of this study is to describe factors associated with medical intern training performance.

Methods

A mixed-methods with explanatory sequential approach in two phases:

Phase 1: A quantitative study that utilizes three major databases (n=5289 medical interns); Phase 2: A qualitative study (n=20 medical interns) by online in-depth interview with

thematic analysis of the study data.

Results Unsatisfactor Satisfactory no life, I just want to pass it as soon as possible Sociodemography Wellbeing training training (R13), ...intern just slave (R14) Age ndividual Factors Gender ..not enough sleep..(R01), .. anxiety during Health assessment (R05) Marital Status OR= -1 257 I must work to pay back the study loan (R05), ...be Hometown region Wealth a doctor cannot rich (R13) My mum is my drive to success and be a doctor OR= -1.176 Female Academic Background Family (R01), ..my husband not understand my career Secondary school: science stream, type of school, science OR= 0.708 Married Tradiotional system not same like in Malaysia but subject score Svllabus the basic is there (R01), Pre- University: type of pre-u, Academic Background science subject score More classroom, less exposure to clerk OR= 0.558 University: location of Learning Style patient..(R13), ... Monthly problem-based learning..(R15), university, type of university, sponsorship, MMC recognition OR= -1.539 Abroad Medical Graduates ..open book examination...but strict for final exam (R05) Assessment Workplace environtment 2 years is too long (R03), not satisfied with the contract title (R01, R03, R05-14), logbokk..(R11) Policy Type of hospital Hospital workload Organizational .lack of training place (R04), ...not allowed to take Workplace Environment Hospital with hospital University Hospital OR= 0.520 leave during public holidays (R08) Support information system Distance of hometown and Organizational ...not see the houseman as their colleagues..(R04), Major Specialist Hospital hospital OR = -1.298Culture ..scold me on front pf patient (R11) End of Posting ..i don't know what is wrong..(R05), bias question, 0.5 we are not specialist! (R11) Assessment

Discussion and Conclusion

Individual-level factors, academic background, and the workplace environment are associated with training performance of medical interns.

Three intervention recommended to improve medical intern training in Malaysia:

- Primary intervention pre-houseman course, interview and health screening before start training i.
- ii. Secondary intervention – mentor-mentee, support group, improve facilities for training
- iii. Tertiary intervention – guideline handling houseman with mental & physical health, strengthen remedial approach

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