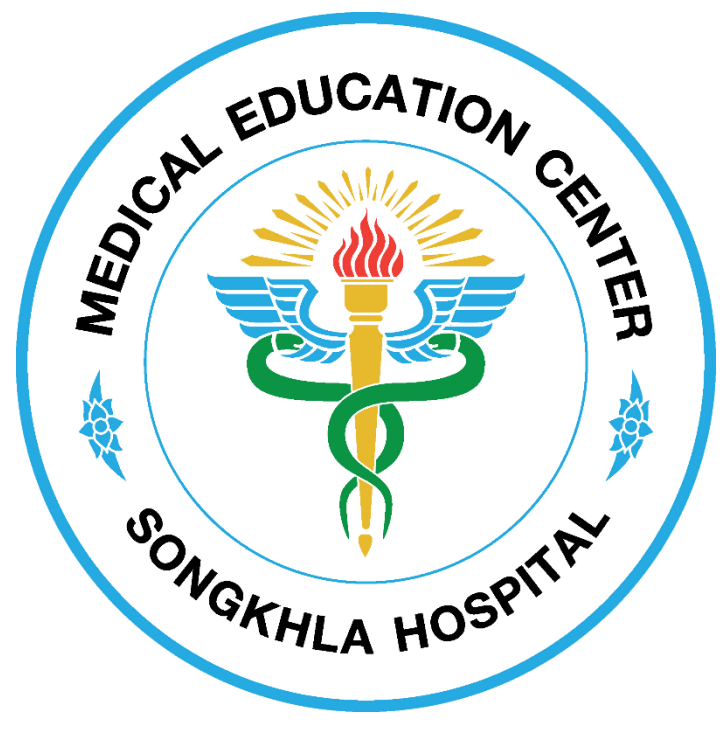


MMI is a better way to select medical students

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Background

Background: Princess of Naradhiwas University and Songkhla Hospital Medical Center are responsible for medical education in the southern part of Thailand. Out of 24 students each year, we detect about 1-3 students who have a poor performance and social skill. So MMI (multiple mini interviews) was introduced for student selection. The correlation and accuracy of both type of interviews, MMI and conventional interview (CI) were performed.

Summary of Work

Summary of Work: All the 42 candidate medical students who passed the MCQ knowledge exam had undergone 9 stations MMI and also CI exam. MMI and CI scores were grouped as excellent, favorable and unfavorable. Then the correlation and accuracy were compared..

Results

Summary of Results: The MMI detected 4 unfavorable students. The CI detected 3 unfavorable students. Among 4 MMI unfavorable group (4/42 : 9.5%) , 2 were also found unfavorable in CI (2/42:4.7%) , 1 was found favorable in CI (1/42 : 2.35) but 1 was found excellent in CI (1/42 : 2.35). None of the unfavorable MMI had the excellent score in CI. The excellent and favourable MMI scores have a good correlation with the CI score.



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CI score	80 – 100 EXCELLENT		50-79 FAVORABLE		< 50 UNFAVORABLE	
	No.	%	No.	%	No.	%
MMI scores						
80 - 100 EXCELLENT	11/42	26.2	4/42	9.5	-	0
60 – 79 FAVOURABLE	15/42	35.7	7/42	17.7	1/42	2.35
< 60 UNFAVOURABLE	1/42	2.4	1/42	2.4	2/42	4.7

TABLE 1 SHOW NUMBER OF STUDENTS WHO GET SCORES IN BOTH GROUPS

Conclusions

Conclusions: MMI and CI show a correlation in detecting good and poor performing students. MMI seems to be more effective in distinguishing among the poor performing students than CI.

Take-home messages

Take-home messages: The MMI is a better way to detect the proper future medical student than CI. Even though it is time-consuming, complex and needs more medical staff, it is worth performing.

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