

Table 4 Comparison of scores on the Attitudes towards Mental Illness Questionnaire for substance abuse, depression, psychosis and OCD vignettes between Year 3 and other students

Substance abuse case vignette					
Dependent variable	Groups		MD	SD	P
Do you think that this would damage Mr. A's career?	Year 3	Year 4	0.96	0.42	0.151
		Year 5	2.24	0.42	< 0.001
		Interns	2.40	0.42	< 0.001
Would I be comfortable if Mr. A was my colleague at work?	Year 3	Year 4	1.52	0.28	< 0.001
		Year 5	1.76	0.28	< 0.001
		Interns	2.00	0.28	< 0.001
Would I be comfortable about inviting Mr. A to a dinner party?	Year 3	Year 4	1.00	0.38	0.059
		Year 5	1.32	0.38	0.005
		Interns	1.88	0.38	< 0.001
How likely do you think it would be for Mr. A's wife to leave him?	Year 3	Year 4	1.24	0.37	0.007
		Year 5	1.72	0.37	< 0.001
		Interns	2.40	0.37	< 0.001
How likely do you think it would be for Mr. A to get in trouble with the law?	Year 3	Year 4	1.68	0.43	0.001
		Year 5	2.20	0.43	< 0.001
		Interns	3.12	0.43	< 0.001
Depression case vignette					
Dependent variable			MD	SD	P
Do you think that this would damage Mr. A's career?	Year 3	Year 4	2.08	0.36	< 0.001
		Year 5	2.60	0.36	< 0.001
		Interns	2.72	0.36	< 0.001
Would I be comfortable if Mr. A was my colleague at work?	Year 3	Year 4	1.68	0.30	< 0.001
		Year 5	1.84	0.30	< 0.001
		Interns	2.24	0.30	< 0.001
Would I be comfortable about inviting Mr. A to a dinner party?	Year 3	Year 4	1.00	0.35	0.030
		Year 5	1.64	0.35	< 0.001
		Interns	1.96	0.35	< 0.001
How likely do you think it would be for Mr. A's wife to leave him?	Year 3	Year 4	1.60	0.37	< 0.001
		Year 5	2.00	0.37	< 0.001
		Interns	2.60	0.37	< 0.001
How likely do you think it would be for Mr. A to get in trouble with the law?	Year 3	Year 4	1.04	0.43	0.106
		Year 5	1.16	0.43	0.050
		Interns	2.04	0.43	< 0.001
Psychosis case vignette					
Dependent variable			MD	SD	P
Do you think that this would damage Mr. A's career?	Year 3	Year 4	1.56	0.48	0.009
		Year 5	1.92	0.48	0.001
		Interns	2.96	0.48	< 0.001
Would I be comfortable if Mr. A was my colleague at work?	Year 3	Year 4	0.96	0.47	0.261
		Year 5	0.88	0.47	0.383
		Interns	2.08	0.47	< 0.001
Would I be comfortable about inviting Mr. A to a dinner party?	Year 3	Year 4	1.60	0.46	9.004
		Year 5	1.92	0.46	< 0.001
		Interns	2.72	0.46	< 0.001
How likely do you think it would be for Mr. A's wife to leave him?	Year 3	Year 4	0.88	0.42	0.229
		Year 5	1.08	0.42	0.068
		Interns	1.96	0.42	< 0.001

Table 4 Comparison of scores on the Attitudes towards Mental Illness Questionnaire for substance abuse, depression, psychosis and OCD vignettes between Year 3 and other students (concluded)

Substance abuse case vignette					
Dependent variable	Groups		MD	SD	P
How likely do you think it would be for Mr. A to get in trouble with the law?	Year 4		2.16	0.40	< 0.001
	Year 3	Year 5	2.20	0.40	< 0.001
		Interns	3.12	0.40	< 0.001
OCD case vignette					
Dependent variable			MD	SD	P
Do you think that this would damage Mr. A's career?	Year 3	Year 4	1.88	0.36	< 0.001
		Year 5	2.16	0.36	< 0.001
		Interns	2.96	0.36	< 0.001
Would I be comfortable if Mr. A was my colleague at work?	Year 3	Year 4	1.32	0.40	0.009
		Year 5	1.92	0.40	< 0.001
		Interns	2.44	0.40	< 0.001
Would I be comfortable about inviting Mr. A to a dinner party?	Year 3	Year 4	1.96	0.41	< 0.001
		Year 5	1.84	0.41	< 0.001
		Interns	2.84	0.41	< 0.001
How likely do you think it would be for Mr. A's wife to leave him?	Year 3	Year 4	1.08	0.42	0.069
		Year 5	0.80	0.42	0.355
		Interns	2.04	0.42	< 0.001
How likely do you think it would be for Mr. A to get in trouble with the law?	Year 3	Year 4	2.48	0.39	< 0.001
		Year 5	1.80	0.39	< 0.001
		Interns	2.92	0.39	< 0.001

MD = mean difference; OCD = obsessive compulsive disorder; SD = standard deviation.

the need for re-evaluation of the psychiatric curriculum and its implementation.

The present study had several limitations that should be noted. First, it had a small sample size and was conducted in a single institution. Second, all participants were men, as an equal sample of female students was not available owing to women only recently being enrolled in the College. Third, only medical students from a single university were included; therefore, the findings can only be extrapolated to male medical students across Saudi Arabia with a similar curriculum. Thus, a multicentre study with a larger sample size involving both male and

female medical students is planned to provide more meaningful insight into this problem.

Conclusions

This study showed that a longer training period and a voluntary active learning approach were effective in moderately improving the beliefs and positive attitudes towards mental illness in undergraduate male medical students in Saudi Arabia.

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Amélioration des attitudes des internes par rapport aux étudiants de premier cycle de médecine à l'égard des patients atteints de maladie mentale en Arabie saoudite

Résumé

Contexte : L'attitude des étudiants en médecine vis-à-vis de la maladie mentale est importante car ils fourniront des soins à ce groupe de patients à l'avenir.

Objectifs : Évaluer les croyances et les attitudes des étudiants en médecine de premier cycle vis-à-vis de la maladie mentale et comparer les étudiants à différents niveaux.

Méthodes : La présente étude transversale descriptive a été menée auprès d'étudiants en médecine de premier cycle de la faculté de médecine de l'Université de Majmaah, en Arabie saoudite, au cours de l'année universitaire 2018-2019. Nous avons inclus des étudiants appartenant au sexe masculin de la troisième à la cinquième année (25 étudiants de chaque année) et 25 internes de sexe masculin en utilisant la méthode d'échantillonnage aléatoire stratifié proportionnel. Les participants ont répondu à l'échelle Beliefs about Mental Illness (BMI) et au questionnaire Attitudes towards Mental Illness (AMIQ).