Assessment of Levels of premenstrual psychological and physical Problems (Premenstrual Syndrome-PMS) of Students of the Colleges of Bab Al-Mua'dham Complex/ University of Baghdad

تقييم مستويات المشاكل النفسية والجسمية السابقة للدورة الشهرية (إضطراب ما قبل الدورة الشهرية) لطالبات كليات مجمع باب المعظم/ جامعة بغداد

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المستخلص:

الأهداف: تهدف الدر اسة الحالية الى تقييم مستويات المشاكل النفسية والجسمية السابقة للدورة الشهرية بين طالبات كليات مجمع باب المعظم/ جامعة بغداد، وإيجاد بعض العلاقات الأحصائية بين تلك المستويات للمشاكل النفسية والجسمية وبين بعض المتغيرات الديمو غرافية لتكن الطالبات كالعمر والمرحلة الدراسية والحالة الزوجية ويوم الدورة وغيرها.

المنهجية: دراسة وصفية تمت ما بين الأول من تشرين الأول ٢٠١٥، والثامن من تموز، ٢٠١٦. تم جمع عينة غرضية لـ ٣٦٣ طالبة موز عين كالأتي: كلية الآداب 82؛ كلية اللغات ٢٩؛ كلية العلوم الأسلامية ٤٤؛ كلية التمريض ١٠٤. لغرض جمع معلومات البحث الحالي فقد تم بناء أستبيان خاص لهذا الغرض والذي شمل: المعلومات الديموغر افية للطالبات المشاركات؛ ومقياس شتاينر لفحص العلامات السابقة للدورة الشهرية (٢٠٠٣)^(١). هذا الاستبيان يتضمن ثلاثة أجزاء: الجزء الاول يمثل الخصائص الديموغر افية للطالبات اللواتي أتفقن على المشاركة في الدراسة الحالية، الجزء الثاني يحتوي على ١٦ فقرة تمثل المشاكل النفسية والجزء الثالث يُفترض ان تقيس المشاكل الجسمية وعددها ١١ فقرة. تم تحديد مستويات شدة المشاكل باستعمال خطوة التليثات، تم إجراء تحليل البيانات باستعمال الأحصاء الوصفي: التردد والنسبة المؤية والتوزيع، والأحصاء التحليلي والذي تمثل بمعامل الارتباط لبيرسن ومربع كاي مستخدماً البرنامج الاحصائي والمشاكل النسبة المؤوية والأحصاء

النتائج: كشفت نتائج الدراسة الحالية بأن أكثر من نصف الطالبات هن من عمر ٢٠ و ٢١ سنة؛ الغالبية هن من غير المتزوجات؛ تلث عدد الطالبات المشاركات هن من المرحلة الأولى؛ اكثر من ثلاثة ارباع العينة لديهم مختلف مستويات الشدة للاعراض النفسية والجسمية نتوزع بين مستوى طفيف الى مستوى يعيق النشاطات اليومية الى مستوى يغيير نمط حياة الطالبة. لم تجد الدراسة اي اختلاف بين المتزوجات وغير المتزوجات بالنسبة لتلك المشاكل؛ لم تجد الدراسة علاقة بين المو اصفات الديموغر افية والمشاكل النفسية بينما هنالك علاقة بين المرحلة الدراسة والمشاكل الجسمية وايضاً توجد علاقة بين العمر والمشاكل النفسية و الجسمية.

التوصيات: توصي الدراسة الحالية بالمتابعة الطبية والصحية للطالبات مع المستوبين اللذين يعيقان النشاطات اليومية او التي تغير نمط حياة تلك الطالبات. أيضاً توصي الدراسة بإجراء دراسات أخرى مختلفة تتناول تأثير تلك المشاكل على إداء الطالبات الأكاديمي وأيضاً على العلاقات الإجتماعية ومدى تواصل الطالبة مع عائلتها ومجتمعها. والكشف عن تقلبات المزاج التي قد تؤدي الى الافكار الانتحارية.

Abstract

Objectives: To assess levels of premenstrual psychological disorders of the students in Bab Al-Mua'dham Complex and to find out the relationship between the levels of premenstrual psychological and physical disorders and some demographic characteristics of the students.

Methodology: A descriptive study was accomplished throughout the period from the 1st of October, 2015 to the 8th of July, 2016 to assess the psychological and physical problems. A purposive sample of 313 students distributed among different colleges of Bab Al-Mua'dam complex distributed as following: 82 students are from college of Arts; 79 students are from College of Languages; 48 students are from college of Islamic Sciences: and 104 are from College of Nursing. For the purposes of the study a questionnaire was constructed which represents the premenstrual symptoms screening tool (PSST) by Steiner et al. (2003)⁽¹⁾. This questionnaire consists of three parts: first, the demographic characteristics of students agreed to participate in the present study; Second part contains 16 items represents the psychological problems and the third part is supposed to measure the physical problems and contains 11 items. Levels of severity of problems were determined by using the quartiles step. The data of the study were analysed by applying descriptive data analysis: frequencies, percentages and tables of distribution; and inferential data analysis: Pearson coefficient correlation and Chi square, using the statistical analysis program of SPSS 19th version.

Results: The present study reveals that more than half of the students are 20 and 21 years old; the majority of them are unmarried; one third of the sample are from the first class; more than three quarters have different levels of severity of psychological and physical problems distributed among slight level to the levels which interrupt the daily activities and/ or change the life style. The study has not found any differences between

married and unmarried students. Also, the study does not find significant association between demographic characteristics and psychological problems but there is a significant relationship between the study stage and physical problems and age and psycho-physical problems.

Recommendations: The present study recommends that medical and health follow up for students with levels which interrupt the daily activities and/ or change the life style of those students. Further studies concerning the impact of psychological and physical problems upon the academic achievement and also upon social relationship and the way the student deals with her family and society. Further studies aimed to discover the mood fluctuations which might result to suicidal ideation.

Keywords: Assessment, psychological, physical, students, Bab almua'dam, colleges, university, Baghdad,

Introduction

psychological remenstrual and problematic physical disorders (Premenstrual Syndrome, PMS) are characterized by the cyclical recurrence of a variable constellation of physical and psychological symptoms which appears in the luteal phase and subsides with the onset of menstrual course (2,3,4). It is a devastating state, causing social and occupational weakening in the lives of affected females comparable to that related with major depressive symptoms⁽⁵⁾ and with burdens of illness and incapacity adjusted life years lost on a balance with main predictable complaints⁽⁶⁾.

Menstruation is the episodic alteration occurring in primates, which marks in the flow of blood and endometrium from the uterine cavity and which may be number accompanied with а of constitutional troubles. Premenstrual syndrome (PMS) is the label specified to a group of physical and psychological symptoms that some women experience throughout the late luteal stage of each menstrual cycle, which is seven to fourteen days earlier to menstruation $^{(7,8)}$.

On the other hand, premenstrual syndrome is a multi-factorial syndrome that affects different ages and particularly adolescent girls with a great incidence^{(9).} Premenstrual syndrome refers to distressing physical, psychological and behavioural symptoms not caused by organic disease, which regularly occurs during the same phase of menstrual cycle and significantly regresses or disappears during the remainder of the cycle⁽¹⁰⁾.

In retrospective community surveys it was approximated $^{(9,10)}$ that virtually 90% of

women had experienced at any rate one $(PMS)^{(11)}$. premenstrual syndrome Previous epidemiological studies estimated that more than 75% of women experience various symptoms attributed to the premenstrual phase of menstrual cycle⁽¹²⁾ and over 160 symptoms had been linked to the menstrual cycle⁽¹⁰⁾</sup>. These symptoms are ranging from body aches and liquid retention to migraine headaches and from fatigue. instability and mood fluctuates to suicidal and homicidal thoughts and actions⁽¹³⁾. Affected students experience severe recurrent spasm of pain restrained to lower part of abdomen, back and thighs and of wavering severity ranging from mild, moderate to severe⁽¹⁴⁾. These disorders are particularly common in the younger age group and represent significant public health problem in young girls. 90% of menstrual problems are preventable bv early detection and appropriate treatment⁽¹³⁾. Medical students are at a high risk of developing menstrual irregularities due to stress, irregular food and lack of exercise $^{(15)}$.

The main aims of the present study are levels of premenstrual to assess psychological disorders among the students of colleges in Bab Al-Mua'dham Complex: to assess levels of premenstrual physical disorders of the students in Bab Al-Mua'dham Complex; and to find out the relationship between the levels of premenstrual psychological and physical demographic disorders and some characteristics of the students.

Methodology

A descriptive study was accomplished throughout the period from the 1st of October, 2015 to the 8th of July, 2016. The assess the present study aims to psychological and physical problems among female students in Bab Al-Mua'dham complex. A purposive sample of 313 students distributed among different colleges of Bab Al-Mua'dam complex participated achieve to the study objectives. these distributed students among different colleges of this complex: 82 students are from college of Arts; 79 students are from College of Languages; 48 students are from college of Islamic Sciences: and 104 are from College of Nursing. For the purposes of the study a questionnaire was constructed which represents the premenstrual symptoms screening tool (PSST) by Steiner et al. $(2003)^{(1)}$. This questionnaire consists of

three parts: first, the demographic characteristics of students agreed to participate in the present study such as age, marital status, class, date of completing the questionnaire and date of the latest period; Second part contains 16 items represents the psychological problems and the third part is supposed to measure the physical problems and contains 11 items. Severity of the problems was computed by applying the Quartiles which determine four levels of severity according to the cut-off point for each problem. Table one shows the cutoff points and these levels. The data of the study were analysed by applying descriptive data analysis: frequencies, percentages and tables of distribution; and inferential data analysis: Pearson Chi square; *t*-test using the statistical analysis program of SPSS 19th version.

Results

 Table (1): Range of Severity of psychological and physical Problems according to the Cut-off Point of each Problem

		Cut-off Points of premenstrual Problems										
Problems	No Effect	Slight	Interrupt Daily Activities	Change Life Style								
Psychological	0-7	8-13	14-20	21-41								
Physical	0-7	8-11	12-18	19-32								
Psycho-physical	0-17	18-25	26-36	37-62								

Table (1) revealed that distribution of students according to the levels of severity of psychological, physical and psycho-physical problems.

Table (2): Distribution in the Severity of	psycho-physical Problems according to the
Total of the Students	

Levels of Psychological and Physical Problems												
Problems	No Effect		Slight		Interrupt Daily Activities		Change Life Style		Total			
	f	%	f	%	f	%	f	%	f	%		
Psychological	71	22.7%	84	26.8%	79	25.2%	79	25.2%	•	%		
Physical	74	23.6%	76	24.3%	92	29.4%	71	22.7%	313	00.0%		
Psycho-physical	81	25.9%	71	22.7%	82	26.2%	79	25.2%		10		

$f \rightarrow$ frequency, % \rightarrow percentage

Table (2) indicates that more than half of the students have levels of psychological, physical and psycho-physical problems ranged between interrupting life activities and changing life style (50.4%), (52.1%) and (51.4%) respectively.

	Age		Marital Status						
Years	f	%	Status	f	%				
≥19	97	31.0%	Unmarried	288	92.0%				
20-21	164	52.4%	Married	25	8.0%				
≤22	52	16.6%	Total	313	100.0%				
Total	313	100.0%							
	Class	-	Last Menstrual Period (LMP)						
Class	f	%	Days	f	%				
1^{st}	102	32.6%	10-14	81	25.9%				
2^{nd}	80	25.6%	15-19	78	24.9%				
$3^{\rm rd}$	57	18.2%	20-24	70	22.4%				
4^{th}	74	23.6%	≤25	84	26.8%				
Total	313	100.0%	Total	313	100.0%				

Table (3): Demographic Characteria	stics of the Students 1	participated in the Study.

 $f \rightarrow$ frequency, % \rightarrow percentage

Table (3) reveals that about half of the students is 20 to 21 years old (52.4%); the majority of them are unmarried (92.0%); more than half of those students are from class one and class two (58.2%); and 26.8% of them have last menstrual period (LMP) at 25 days and more.

Table	(4):	Distribution	in	the	Levels	of	psychological	Problems	according	to
		demographic	Ch	aract	teristics	of tl	he Students			

	Psychological Problems												
					Se	verity of Symptoms							
Der	nographics	Ν	o Effect		Slight		rrupt Daily ctivities	Ch	ange Life Style	Total			
		f	%	f	%	f	%	f	%	f	%		
	≥19	23	7.3%	27	8.6%	29	9.3%	18	5.8%	97	31.0%		
age	20-21	35	11.2%	45	14.4%	41	13.1%	43	13.7%	164	52.4%		
a	≤22	13	4.2%	12	3.8%	9	2.9%	18	5.8%	52	16.6%		
	Total	71	22.7%	84	26.8%	79	25.2%	79	25.2%	313	100.0%		
al IS	Unmarried	62	19.8%	79	25.2%	75	24.0%	72	23.0%	288	92.0%		
Marital Status	Married	9	2.9%	5	1.6%	4	1.3%	7	2.2%	25	8.0%		
\mathbf{N} \mathbf{S}	Total	71	22.7%	84	26.8%	79	25.2%	79	25.2%	313	100.0%		
	1^{st}	25	8.0%	32	10.2%	29	9.3%	16	5.1%	102	32.6%		
s	2^{nd}	23	7.3%	17	5.4%	15	4.8%	25	8.0%	80	25.6%		
Class	3 rd	11	3.5%	13	4.2%	15	4.8%	18	5.8%	57	18.2%		
0	4 th	12	3.8%	22	7.0%	20	6.4%	20	6.4%	74	23.6%		
	Total	71	22.7%	84	26.8%	79	25.2%	79	25.2%	313	100.0%		
	10-14	17	5.4%	23	7.3%	27	8.6%	14	4.5%	81	25.9%		
Ь	15-19	19	6.1%	25	8.0%	15	4.8%	19	6.1%	78	24.9%		
LMP	20-24	14	4.5%	21	6.7%	13	4.2%	22	7.0%	70	22.4%		
	≤25	21	6.7%	15	4.8%	24	7.7%	24	7.7%	84	26.8%		
	Total	71	22.7%	84	26.8%	79	25.2%	79	25.2%	313	100.0%		

 $f \rightarrow$ frequency, % \rightarrow percentage

Table (4) shows that the levels of severity of psychological problems distribute accidentally among the four demographic characteristics and among the domains of each characteristic; the majority of age group 20-21 years have levels of psychological problems which might interrupt the daily activities and might change the life style of the students (26.8%); in regard whether the students are married or unmarried the results indicate that about half of unmarried students having the severest two levels (47.0%); 14.4% of the first-class students have levels of psychological problems which might interrupt the daily activities and might change the life style; and 15.4% of those students who have LMP within 25 days and more show having the levels that interrupt the daily activities and might change the life style.

Table (5): Association between Levels of Severity of psychological Problems and	
demographic Characteristics of the Students	

	Severity of	Severity of Psychological Problems					
Demographic Characteristics	\mathbf{X}^2	X ² df Sig.					
Age	6.35	2	0.385				
Marital Status	3.59	1	0.308				
Class	13.09	3	0.159				
Last Menstrual Period (LMP)	12.58 3 0.183						

X²=Chi-square, df= Degree of Freedom, Sig.= Significant

Results of table (5) indicate that whether the student is younger or older; married or unmarried; in higher or lower class; and whether the LMP is earlier or late do not give an indicator to higher levels of severity of psychological problems.

Table (6): Distribution in the Levels of p	hysical Problems according to demographic
Characteristics of the Students	

	Physical Problems												
					S	leveri	ity of Syr	npto	ms				
Den	nographics	N	o Effect		Slight	Interrupt Daily Activities		Change Life Style		Total			
		f	%	f	%	f	%	f	%	f	%		
	≥19	27	8.6%	24	7.7%	33	10.5%	13	4.2%	97	31.0%		
age	20-21	37	11.8%	41	13.1%	43	13.7%	43	13.7%	164	52.4%		
a	≤22	10	3.2%	11	3.5%	16	5.1%	15	4.8%	52	16.6%		
	Total	74	23.6%	76	24.3%	92	29.4%	71	22.7%	313	100.0%		
tal IS	Unmarried	67	21.4%	74	23.6%	85	27.2%	62	19.8%	288	92.0%		
Marital Status	Married	7	2.2%	2	0.6%	7	2.2%	9	2.9%	25	8.0%		
$\mathbf{\tilde{N}}$ $\mathbf{\tilde{N}}$	Total	74	23.6%	76	24.3%	92	29.4%	71	22.7%	313	100.0%		
	1^{st}	30	9.6%	22	7.0%	35	11.2%	15	4.8%	102	32.6%		
S	2^{nd}	17	5.4%	28	8.9%	21	6.7%	14	4.5%	80	25.6%		
Class	3 rd	12	3.8%	9	2.9%	15	4.8%	21	6.7%	57	18.2%		
0	4^{th}	15	4.8%	17	5.4%	21	6.7%	21	6.7%	74	23.6%		
	Total	74	23.6%	76	24.3%	92	29.4%	71	22.7%	313	100.0%		
	10-14	16	5.1%	23	7.3%	26	8.3%	16	5.1%	81	25.9%		
Ь	15-19	19	6.1%	27	8.6%	18	5.8%	14	4.5%	78	24.9%		
LMP	20-24	14	4.5%	12	3.8%	23	7.3%	21	6.7%	70	22.4%		
Π	≤25	25	8.0%	14	4.5%	25	8.0%	20	6.4%	84	26.8%		
	Total	74	23.6%	76	24.3%	92	29.4%	71	22.7%	313	100.0%		

 $f \rightarrow$ frequency, % \rightarrow percentage

Table (6) indicates that the levels of severity of physical problems allocate by coincidence among the four demographic characteristics of the students and among the domains of each characteristic; 27.4% of age group 20-21 years have levels of psychological problems which might interrupt the daily activities and might change the life style of the students; whether the students are married or unmarried the results indicate that 47.0% of unmarried students having the severest two levels; 16.0%% of the first-class students have levels of psychological problems which might interrupt the daily activities and might change the life style; and 28.4% of those students who have LMP within 20 days and more show having levels that interrupt the daily activities and might change the life style.

Characteristics of the Students							
	Severit	Severity of Physical Problems					
Demographic Characteristics	\mathbf{X}^2	df	Sig.				
Age	8.24	2	0.221				
Marital Status	5.33	1	0.149				
Class	19.21	3	0.023				
Last Menstrual Period (LMP)	14.06	3	0.120				

Table (7):	Association	between	Severity	of	physical	Problems	and	demographic
	Characteris	tics of the	Students	5				

X²=Chi-square, df= Degree of Freedom, Sig.= Significant

Table (7) indicates that whether the student is younger or older; married or unmarried and whether the LMP is earlier or late do not give an indicator to higher levels of severity of physical problems but the higher class the student has the higher levels of severity she has (X^2 = 19.21, p= 0.023)

Table (8): Distribution in the Levels of psycho-physical Problems according to)
demographic Characteristics of the Students	

Psycho-physical Problems												
	Severity of Symptoms											
Demographics		No Effect		Slight		Interrupt Daily Activities		Change Life Style		Total		
		f	%	f	%	f	%	f	%	f	%	
	≥19	26	8.3%	27	8.6%	26	8.3%	18	5.8%	97	31.0%	
age	20-21	47	15.0%	28	8.9%	46	14.7%	43	13.7%	164	52.4%	
a	≤22	8	2.6%	16	5.1%	10	3.2%	18	5.8%	52	16.6%	
	Total	81	25.9	71	22.7	82	26.2	79	25.2	313	100.0%	
tal 1S	Unmarried	75	24.0%	66	21.1%	75	24.0%	72	23.0%	288	92.0%	
Marital Status	Married	6	1.9%	5	1.6%	7	2.2%	7	2.2%	25	8.0%	
$\mathbf{\tilde{N}}$	Total	81	25.9	71	22.7	82	26.2	79	25.2	313	100.0%	
	1^{st}	32	10.2%	25	8.0%	30	9.6%	15	4.8%	102	32.6%	
S	2^{nd}	23	7.3%	18	5.8%	17	5.4%	22	7.0%	80	25.6%	
Class	3 rd	12	3.8%	8	2.6%	18	5.8%	19	6.1%	57	18.2%	
0	4^{th}	14	4.5%	20	6.4%	17	5.4%	23	7.3%	74	23.6%	
	Total	81	25.9	71	22.7	82	26.2	79	25.2	313	100.0%	
	10-14	19	6.1%	22	7.0%	24	7.7%	16	5.1%	81	25.9%	
d	15-19	20	6.4%	23	7.3%	21	6.7%	14	4.5%	78	24.9%	
LMP	20-24	16	5.1%	13	4.2%	14	4.5%	27	8.6%	70	22.4%	
Γ	≤25	26	8.3%	13	4.2%	23	7.3%	22	7.0%	84	26.8%	
	Total	81	25.9	71	22.7	82	26.2	79	25.2	313	100.0%	

 $f \rightarrow$ frequency, % \rightarrow percentage

Results of table (8) shows that the levels of severity of psycho-physical problems distribute accidentally among the four demographic characteristics and among the domains of each characteristic; the majority of age group 20-21 years have levels of psycho-physical problems which might interrupt the daily activities and might change the life style of the students (28.4%); in regard whether the students are married or unmarried the results indicate that about half of unmarried students having the severest two levels (47.0%); 14.4% of the first-class students have levels of psycho-physical problems which might interrupt the daily activities and might change the life style; and finally, 27.4% of those students who have LMP within 20 days and more show having the levels that interrupt the daily activities and might change the life style.

Table	(9):	Association	between	Severity	of	psycho-physical	Problems	and	
demographic Characteristics of the Students									

	Severity of Physical Problems						
Demographic Characteristics	\mathbf{X}^2	df	Sig.				
Age	12.23	2	0.053				
Marital Status	0.24	1	0.971				
Class	15.19	3	0.08				
Last Menstrual Period (LMP)	3	0.090					

X²=Chi-square, df= Degree of Freedom, Sig.= Significant

Table (9) indicates that the older students have the higher levels of psychophysical problems (X^2 =12.23, p=0.05) but being married or unmarried or in different classes or having different LMP do not give the definite decision for higher levels of severity of psycho-physical problems.

 Table (10): Differences between married and unmarried Students in regard to psychological, physical and psychophysical Problems

	Independent						
Problems	Marital Status	Ν	Mean	Std. Deviation	t-test		
TTODICIIIS	Warna Status			Stu. Deviation	t	Sig.	
Psychological	Single	288	2.55	1.087	0.806	0.421	
	Married	25	2.36	1.254	0.800	0.421	
Dhysical	Single	288	2.49	1.072	-1.002	0.317	
Physical	Married	25	2.72	1.242	-1.002	0.317	
Psycho-physical	Single	288	2.50	1.129	-0.416	0.672	
	Married	25	2.60	1.155	-0.410	0.672	

N= Number of Study Sample, Std. Deviation= Standard Deviation, Sig.= Significant

Differences between married and unmarried students have not been found in regard to the levels of severity of psychological, physical and psycho-physical problems.

Discussion

The results reveal that the students distribute among different groups of age but the majority of them are between 19 to 21 years old, this is because the students participated are in the morning study where the age is supposed to be in the range of 19 to 22 years for the level of college and other exception is due to personal differences in reaching or falling in or during the study. In addition, the classes: first, second and third are formed the majority of the students which supports the range of the age mentioned above. Normal distribution of the students according whether they are married or unmarried is found in present study; unmarried covered the major number of the students where is supposed to be so because the financial resources are limit or they rarely have among the students community. The present study indicates that more than half of the students have levels of psychological, physical and psycho-physical problems ranged between interrupting life activities and changing life style as shown in table (2). So many studies in different places and countries all over the world have reached different results regarding the same problems; a study conducted upon 250 medical students in Saudi Arabia in 2009 concluded that premenstrual syndrome (PMS) was a common problem in young Saudi medical students and severe PMS was associated with more impairment of daily activities and psychological distress symptoms; older student age, rural residence, earlier age of menarche, regular cycles and positive family history were potential risk factors for PMS⁽¹⁶⁾. A cross sectional study was carried out in some institution students in health Zaria Northern Nigeria over a three month A semi-structured open-ended period. questionnaire was used to determine the severity of premenstrual symptoms. The criteria for the diagnosis of premenstrual syndrome (PMS) was based on the Diagnostic and Statistical Manual of

Mental Disorder (DSM IV). Most participants were unmarried 240 (91.7%) ⁽¹⁷⁾. Other study was conducted Elnagar and her colleagues⁽¹⁸⁾ in Saudi Arabia; a descriptive research design was used to self-care measures regarding assess premenstrual syndrome among female nursing students. These results consistent with the researchers' results show that the age of the majority of studied sample ranged between twenty and twenty two years. Regarding marital status more than the three quarter of the sample was single; more than half of the studied sample recruited into third academic level and this result conversely with the researchers' results.

Recommendations

The present study recommends that medical and health follow up for students with levels which interrupt the daily activities and/ or change the life style of those students. Further studies concerning the impact of psychological and physical problems upon the academic achievement and also upon social relationship and the way the student deals with her family and society. Further studies aimed to uncover the mood fluctuations which might result to suicidal ideation.

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