Satisfaction of Medical Students with Courses Offered in the Community Medicine Center in Kermanshah University of Medical Sciences (2016 - 2017)

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Received 2018 September 23; Accepted 2018 December 03.

Abstract

Evaluating educational practices in medical sciences has always been absolutely significant, given their definite role in training human resources and that receiving feedbacks for enhancing educational activities is a relatively new subject. Identifying the causes of students’ satisfaction and analyzing all the factors therefore significantly affect the academic achievement of students and can play a key role in enhancing the quality of services. Medical sciences universities currently consider students’ attitudes towards the quality of the education provided as an essential factor in the quality monitoring of ongoing studies in this field. Given the importance of community-centered education courses and the effects of different variables on students’ satisfaction and perception of the problems and quality of educational services provided, the present study was conducted to determine the degree of satisfaction of medical interns in Kermanshah University of Medical Sciences, Kermanshah, Iran.

Keywords: Satisfaction, Community Medicine, Kermanshah, Medical Students

1. Background

Students are a major component of universities with a critical role in presenting as prospective highly skilled and expert workforce for the community. Academic satisfaction plays a key role as the main pillar of the educational system regarding the students’ knowledge about their future activities (1).

Evaluating educational practices in medical sciences has always been absolutely significant, given their special role in training human resources and that receiving feedbacks for enhancing educational activities is a relatively new subject. Examining the opinions of students, as the main audience of educational programs, can help develop one of the best and most successful teaching methods (2, 3). Recognizing the causes of satisfaction in students and analyzing all the factors can affect students’ academic achievements and may significantly improve the quality of services (2, 4).

General practitioners have effective role in health-care teams in exposing and treating outpatients. As community-based doctors, they have key role for the awareness, diagnosis and treatment of common diseases in the community (5, 6). Limited number of studies has conducted on students’ satisfaction and different variables that affect satisfaction in the sociological training courses.

2. Objectives

The present study was conducted to investigate the problems and quality of educational services provided in Kermanshah University of Medical Sciences (KUMS) through examining the perspective of medical students who spend their internship at community centers.

3. Methods

The present descriptive cross-sectional study was conducted in 2016 - 2017 academic year to determine the satisfaction of medical interns who spent their
community-based internship in the community-based center of Samen Al-Aemeh and the hospitals affiliated to KUMS. The study population comprised 92 medical students selected through convenience sampling. The data collection tool consisted of a researcher-made questionnaire with two sections, one associated with demographic information, facilities and other hardware resources and the other related to satisfaction with the scientific impact of the course. The questionnaire was examined in terms of four criteria, namely transparency, relevance, importance and degree of feasibility. The questionnaire validity was verified by the professors of the university. The questionnaire reliability was confirmed by the students calculating a Cronbach alpha of 90%. The items were scored on a three-point Likert scale, including good, moderate and dissatisfied levels.

4. Results

Females comprised 51% of the students, who had a mean age 25.3 ± 1.1 years. The students participating in the study had been admitted to the university in 2009 (19.5%), 2010 (70.7%) and 2012 (9.8%).

The students’ dissatisfaction in the academic evaluation of the courses was related to the disproportion between the course length and the educational goals (36.6%) and the lack of cooperation of the patients with the students’ examinations (39.5%).

Furthermore, the areas causing the students’ satisfaction included the professors’ proper accountability (96.7%), their timely and regular presence (56.9%) and providing scientific education about communication with the patient (56.9%). The indices regarding the students’ satisfaction with the general medical internship course based on community-based medicine courses were evaluated (Table 1).

5. Discussion

The present research found the students’ satisfaction with the effect of the courses offered in specialized clinics and with the effectiveness and applicability of community-based courses to be below average (44.9%). It is in line with the results of the study conducted by Khezrian et al. in Ahvaz University of Medical Sciences in 2014, and the study by Farzianpour et al. on students’ satisfaction with the quality of educational programs in internship courses in Tehran University of Medical Sciences (9, 10).

5.1. Conclusions

Given the purpose of the study, i.e. determining the problems and evaluating the quality of educational services in the community-based center from the perspective of medical students, and the efforts made by the university principals and policy makers to fulfill the goals and ensure the educational quality, it is necessary to note that the results of the present research indicate the satisfaction of nearly half of the students in most of the studied areas. Furthermore, the authorities can be argued to hold a special attitude in this area.

Acknowledgments

The authors would like to express their gratitude to the authorities of KUMS for providing legal supports and helping with data collection.

Footnotes

Conflict of Interests: This research does not have any conflict with the authors.
Ethical Approval: Approved by Research council of National Agency for Strategic Research in Medical Education in 2018/8/17.
Funding/Support: This project was funded by National Agency for strategic Research in Medical Education Tehran, Iran (grant No.: 960087).
Table 1. The Evaluated Indices Regarding the Satisfaction of General Medical Internship Students with Community-Based Medical Centers\(^a\)

| Evaluation Domains                                                                 | Good   | Moderate | Dissatisfied |
|-----------------------------------------------------------------------------------|--------|----------|--------------|
| 1. Facilities of the dressing room pavilion                                        | 13     | 17.4     | 69.6         |
| 2. Access to scientific resources                                                   | 15.7   | 18.3     | 66           |
| 3. The degree of customer collaboration with student education examinations         | 39.5   | 35.2     | 25.3         |
| 4. Appropriate course length with educational goals                                 | 36.6   | 36.6     | 26.8         |
| 5. Regular and timely presence of professors                                        | 56.9   | 31.9     | 11.2         |
| 6. Proper accountability of the professors                                          | 96.7   | 2.2      | 1.1          |
| 7. Scientific education of how to deal with a patient                              | 56.9   | 36.6     | 6.5          |
| 8. Possibility of direct visit and obtaining a biography                            | 40.8   | 33.8     | 25.4         |
| 9. Introduction of common diseases by professors                                    | 50     | 33.3     | 16.7         |
| 10. Sufficient number of patients (Number of those admitted)                        | 54.2   | 31.8     | 14           |
| 11. Variety of educational patients (type of disease and usefulness)                | 48.7   | 36.1     | 15.2         |
| 12. Learning how to refer                                                          | 41.6   | 34.7     | 23.7         |
| 13. Learning how to track and solve patients' problems                              | 43     | 34.5     | 22.5         |
| 14. Teaching how to achieve diagnosis by professors                                 | 45     | 46.5     | 8.5          |
| 15. Healthcare education (vaccination, disease prevention, family health services, etc.) | 46     | 42.5     | 11.5         |
| 16. Effects of course on students' knowledge and attitudes (garment field)          | 44     | 37       | 19           |
| 17. The effectiveness of psychiatric clinic on students' information and attitudes  | 49     | 30       | 21           |
| 18. Influence of internal clinic on students' knowledge and attitudes                | 46     | 34.7     | 19.3         |
| 19. Effect of skin clinic on students' knowledge and attitudes                       | 45.2   | 28.8     | 26           |
| 20. The effect of women’s clinic on students’ information and attitudes             | 43.5   | 43.8     | 12.7         |
| 21. The influence of pediatric clinic on students’ information and attitudes        | 39.7   | 32.3     | 28           |
| 22. The degree of efficiency and applicability of the entire course                 | 44.9   | 34.8     | 20.3         |
| 23. The extent of the presence in the field of writing skills                       | 35.7   | 37.1     | 27.2         |
| 24. Applicability of trainings for the future                                       | 44.3   | 30       | 25.7         |
| 25. The efficacy of community-based medical education in a 2-week fixed-duration routine | 42     | 29       | 29           |
| 26. The interest in attending the field of medical education community in the future | 41.4   | 35.6     | 23           |
| 27. The efficacy of community-based education in 2-6 days visits from sections 1 to 3 months | 39.2 | 33.3 | 27.5 |
| 28. Overall satisfaction with the quality of education                              | 46     | 29       | 25           |

\(^a\)Values are expressed as percentage.

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