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European Journal of Experimental Biology, 2012, 2 (4):1175-1180



Internal evaluation of Midwifery in Islamic Azad University of Mahabad

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ABSTRACT

The purpose of evaluation is the judgment about the quality of education and to identify areas of strengths and weaknesses, it is done to achieve educational goals and improve their qualities. The most suitable method for this purpose to evaluate is done by its members. This study aimed at evaluation of Midwifery, Islamic Azad University of Mahabad to determine the strengths and weaknesses, to improve the quality of education which has been conducted. This cross-sectional study, the group's criteria, group equipment, space, theory and clinical training, students, faculty members, method of teaching - learning, and production of new knowledge were assessed. The data collected through questionnaires, observation, was the Check list. The group members in their several meetings, the markers and to determine ideal points for each of the criteria selected, the status of the markers were compared. Desirable characteristics of each criterion and each criterion between 1 to 5 (very poor to excellent) were classified. Criterion score was determined and the final results were used to classify Gorman. The results showed that the internal evaluation of midwifery organization with a score of 3/5 and more than satisfactory rating, Agent of support has a score of 4/07 and a strong rating, the process of learning - learning with a score of 4/03, and a strong rating and a total score of Midwifery 3/97 and has a good rating. Midwifery education has evaluated the students score 3/37 and the rating was more than satisfactory. The head of department, faculty members and council groups, each rated 3/5 and rank-based classification Gorman was more than satisfactory. Finally, although the total score of Midwifery Gorman Table 3/97 and has a good rating. The evaluation results, it is clear that with the elimination of known defect in any particular part of clinical training can achieve a better result. The Department of Midwifery, Islamic Azad University of Mahabad, with its strengths and weaknesses of the evaluation group is actively strengthening the positive steps to eliminate the defects and pose.

Key words: evaluation, Islamic Azad University, Department of Midwifery

INTRODUCTION

Quality education and research, including concerns that the university always tries to achieve it. Continuous quality improvement in higher education requires the use of educational assessment [1]. It is said that a formal assessment of the effectiveness or value for determining the quality of a program, product, project, process, objectives or curriculum is implemented. The main purpose of educational evaluation to determine the magnitude and value to those who are interested in the phenomenon being evaluated is responsible for helping to make the right decisions about the phenomenon [2]. Educational evaluation is the best indicator of the level of educational achievement show and educational activities were conducted in the university system and it pays to be reasonable and fair to the result achieved [3]. A means to evaluate the data collection process to determine the amount of goals have been considered [4]. The purpose of the educational system at various levels, including mission, goals aspirations, goals and behavior are determined. To ensure the realization of goals and judgments about the strengths and weaknesses and to improve decision making, promote efficiency, effectiveness and quality evaluation is performed [5]. Considerable efforts in recent decades to improve the quality of higher education and academic achievement of military objectives has been

to many countries [1]. European countries in 1980 and 1990 for changing in the academic systems are widely in departments of education have to do.

Also in some Asian countries in recent years efforts have been organized to operate.

When the quality of higher education must be input (faculty members, students, etc.), process (method of teaching - learning) and outputs (graduates and new knowledge production) can be assessed [6,7]. The approach of the evaluation of higher education, five major approaches for evaluating the quality of higher education will be used:

- A - Internal evaluation (self evaluation)
- B - External evaluation
- C - Statistical analysis of education using performance indicators
- D - Feedback from students, graduates, employers and professional bodies
- E - Testing knowledge, attitudes and abilities of graduates

Accreditation model is composed of internal and external evaluation. The internal evaluation is as a precursor to the implementation of external evaluation, for accreditation and rating of the strings which come to practice. Introduction to evaluation for quality improvement and in fact this is the first stage of accreditation. The importance of this dimension of internal evaluation in higher education system and its subject text. The evaluation is used for the following purposes:

- A - Reveal different aspects (input, process, outputs and outcomes), quality of the university system
- B - Help to self - regulatory affairs of the university system
- C - Improving the quality of the university system
- D - Faculty participation in university affairs, transparency, and their ability to rapidly respond to the needs of the community college system [8].

In the evaluation, the evaluation team to collect data about the factors discussed, then the judgment about the desirability and quality, to compare the present situation pay standards. The comparison between existing and desirable for the operation and ultimately judge the quality of the educational system and easier realization, more precise and out of personal judgment, the markers should be used. Indication may be the number, proportion, percentage, or have a qualitative description [9,1]. In the internal evaluation of their responsibilities and lead the team to be assessed.

Since this type of evaluation is based on objective, the Department should be factors in achieving mission objectives for the group to identify and then define the desired position. This definition should have been monitoring the group's goals and desirable criteria for each factor, the targets should be determined. Thus, comparing the situation with the desired position can be determined based on the group's goals and of the desirability of achieving goals or away from it showed [10].

Factors commonly used to validate the model in the evaluation of higher education are considered, including curriculum, teaching and research staff, students have the resources and facilities. In this model, the data collection and integration, the score will be determined by each university. Scores range from zero to 5 is numerical [Table 1] [1]. Continuity and quick change in today's world that is so necessary to continuously review training programs for new expectations which must be considered and Proper evaluation and research training for practical tools to move along with these developments to enhance quality in education, research, health care will be considered [11]. The basic purpose of internal evaluation based on quality improvement in all cases and contexts, in this case also applies to medical assessment units and the total evaluation and treatment can be done to improve the quality of education [12]. In this regard, faculty members of Midwifery, Islamic Azad University of Mahabad evaluation midwifery began to find their own positive and negative points of this Order to remedy their weaknesses and negative points.

MATERIALS AND METHODS

Introduction of educational units evaluated

Midwifery, Islamic Azad University of Mahabad in 1991 and began to work with the admission of 30 students. All faculty members of Midwifery are 6 people. Established from the beginning to the end of the field of midwifery graduates in 2010, 401 people and the total number of students who are studying 225 now.

Method of evaluation

Midwifery Unit, project evaluation from the beginning of 2008 until 2011 with the purpose of compliance with community needs and improving quality of education with the council to determine the educational goals of the group and division of labor has started. In this study, mission and goals of the group were identified. Comparison between existing and desirable for the operation and ultimately judge the quality of the educational system and easier realization, more accurate and personal judgment is far from the markers used. The educational system of indicators that measure the same factors were determined. These factors include: input (faculty members, students, support forces, educational spaces, facilities, programs and educational materials), processes (methods of teaching - learning the theory and clinical training to be teachers) and outputs (graduates, research and published articles). The data collected through questionnaires, observation, and the Check list. The group members in their several meetings, the markers and to determine ideal points for each of the criteria selected, the status of the markers were compared. Desirable characteristics of each criterion and each criterion between 1 to 5 (very poor to excellent) were classified. The mean score and the classification criteria of Gorman (Table 1) were used for the final results. Study population, students, theoretical courses, training and faculty members who were included in the study.

TABLE 1: Classification of scores reported by Gorman

Numerical range (score)	class
4/51-5	Very strong
4/01-4/5	Strong
3/51-4	Good
3/01-3/5	More than satisfactory
2/51-3	Satisfactory
2/01-2/5	Boundary
0-2	Non-satisfactory

RESULTS*Educational objectives*

The results of training programs (Table 2) that all the theoretical and clinical investigation were conducted, showed that the theoretical principles and techniques of midwifery, with a score of 4/7 and the rank is very strong with good quality. But its clinical training with a score of 2/4 is the boundary that rank criterion was unsuccessful in its many students. Learning Theory of Semiotics 4/1 grade and has been strong. But its clinical training, with a score of 2/6 and has a satisfactory rating. Pharmacology of theory lessons, with a score of 4/7 and has a very strong rating. General theory of community health course grade 4/3 and had a strong rating. Physiopathology lesson with a score of 4/6 and with a rating of good quality is very strong. Of students (Table 3) evaluate the overall training process Midwifery, Islamic Azad University of Mahabad showed that midwifery education theory with powerful score 4 and ranks, training in hospital wards with a score of 2/8 and a satisfactory rating and total score of the group scored 3/73 and was more than satisfactory rating.

Clinical study showed that educated students about the planning process include: lack of coordination between midwifery and health units, lack of appropriate scientific field and follow the delivery of the wrong habits of students, evaluation of student activities, appropriate to the theoretical courses with clinical teaching and clinical activities of non-compliance with the needs of students is listed.

TABLE 2: Evaluation of the faculty members about the appropriateness of the theoretical courses and clinical midwifery

Classified according to rank Gorman	Rating	Factor evaluated
Very strong	4/7	Theoretical principles and techniques of midwifery
Strong	4/1	Learning theory, semiotics
Very strong	4/7	Pharmacology training
Strong	4/3	Learning theory Maternal and Child Health
Very strong	4/6	Physiopathology theoretical
Boundary	2/4	Midwifery clinical education principles and techniques
Satisfactory	2/6	Clinical Education Semiotics
Boundary	2/5	Course in Microbiology and Parasitology

TABLE 3: Evaluation of midwifery education process of students of Islamic Azad University, Mahabad

Classification	Rating	Section
Strong	4	Theoretical training in obstetrics
Satisfactory	2/8	Training
More than satisfactory	3/37	Total

Results of the organizational status of Midwifery

The head of department, faculty members and council groups, each rated 3/5 and rank-based classification Gorman was more than satisfactory. (Table 4) Planning related to low educational background, teaching the first course was lack of diversity in teaching methods.

TABLE 4: Evaluation of the organizational status of Midwifery, Islamic Azad University of Mahabad

Classification	Rating	Organizational components
More than satisfactory	3/5	Head of department
More than satisfactory	3/5	Faculty members
More than satisfactory	3/5	Total

Students

Students with a score of 3/5 in the rankings are more than satisfactory. Planning include: Location and staying in accommodation, the quality of clinical training in hospitals, Student Evaluation by teachers and faculty members and course grades, nursing principles and techniques, microbiology and parasitology, respectively.

Learning Spaces

Physical space for classes taught theoretical courses with a score of 4/5 with strong ratings, practice with a score of 4/6 and very strong rating, exam rooms equipped with audiovisual facilities associated with a score of 4/7 and very strong rating, audiovisual unit with advanced features with a score of 4/7 and very high rank, departmental faculty Midwifery equipped with an Internet line, scoring 4/6 and very high rank, having last library references, magazines and journals with a score of 4/6 and rank are very strong. (Table 5)

TABLE 5: Evaluation of factors affecting agents of support for midwifery education Midwifery units in Mahabad

Classification	Rating	Agents of Support
Strong	4/5	Theoretical space
Satisfactory	3	Clinical training space
Very strong	4/7	Equipment and training assistance
Strong	4/07	Total

Educational output

Evaluation of scientific activities of midwifery group members in producing new knowledge, which indicates that scores for Compilation and Translation of Book 3/4 and more than satisfactory rating score of 3/6 and with a good rating for the research projects. Table 6 Evaluation results showed that midwifery organization with a score of 3/5 and more than satisfactory rating, support of a score of 4/07 and a strong rating, the process of learning - learning with a score of 4/03, rank and strong and total score of Midwifery 3/97 and has a good rating.

TABLE 6: Results of the evaluation the Mahabad Midwifery Unit

Classification	Rating	Factors evaluated
More than satisfactory	3/5	Organization
Strong	4/07	Agents of Support
Strong	4/03	Learning process - learning
Good	3/97	Total

DISCUSSION

In this study the total score, score obtained from principal criteria groups, equipment groups, students and faculty members the equivalent of 3/97 estimated that with regard to the rating criteria for Gorman, a good place to be; Although the above result of such direction, being in a university department with limited resources and big stars, it may seem plausible and convincing. But can the obstacles and difficulties, the results to higher rank, including the promotion of strong and very strong. The assessment, made it possible to judge about the quality and purpose of educational assessment, evaluation of its success in organizing the curriculum, facilities and educational space, faculty, educational methods and etc. Evaluation plays an important role in improving educational quality [13.14]. Recent results with the results of internal evaluation in the School of Medical Sciences, State University are consistent. The internal evaluation of Surgical Nursing, School of Nursing, Semnan by Sabryn, score 2/86 was obtained in the category were satisfactory [15].

Einolahie and colleagues at the Department of Laboratory Sciences, Faculty of Medical Sciences, Tehran, according to its internal evaluation models cipp (CIPP Context, Input, Process, Product, Outcome) reported favorable [16]. Rezayat and colleagues Department of Pharmacology the results of your evaluation with 73/8%, a favorable report

[17]. Sharif-Zadeh and colleagues from the Department of toxicological evaluation of results with 71/6%, a favorable report [18]. Bazargan and colleagues from Tehran University and Harden and colleagues from Dundee University in England, a positive attitude to internal evaluation and quality improvement in education and research are in clinical affairs [19]. In this study rated the Dept. 3/5 and won by more than satisfactory and may be responsible for identifying and limiting, and the choice of selecting new members and a managing director with the right leadership, can solve problems of this criterion. However, in another similar study in the Departments of Pediatrics and Anatomy, Medical Sciences, Semnan was the principal advantages of 3/66 rating and 3/63 respectively to rank well in the group has achieved [20, 21]. In this study the physical space for classes taught theoretical courses with a score of 4/5 and had a strong rating. While similar studies in the evaluation of groups of Anatomy, Department of Pediatrics and Microbiology Department, Semnan University of Medical Sciences, respectively, related to the physical space of points equal to 2/74 and a satisfactory rating, 3/64 and a good rating, 3 stars is satisfactory [14, 20, 21]. Criterion in students, higher education is now the task of planning the widespread increase in graduates, and looked down the scope of quantity to quality by increasing the proportion of admissions based on scales with the needs, interests and previous tendency to volunteer and professional disciplines, number and gender, indigenous status and geographical and etc trying to promote quality education, especially in the field of medical sciences to midwifery. In the study conducted in Ahvaz University of Medical Sciences, only 26% and 40% students, faculty, current methods for entry and admission to the university as being impractical because it had considered other methods available in the world [22]. Although this theory of teaching performance of faculty members and students in a favorable rating was strong, but their clinical education is not very appropriate authorities and requires more attention is the University involved. The Clinical Education, it is referred to Bradshaw we believed, researchers in their recent study, many factors in the clinical environment for the effective clinical teaching have list that you can have them in three categories: 1) the experience, 2) the structure of care (how teamwork, communication systems, etc.), 3) the learning environment and facilities (equipment, how to monitor). A critical factor in applying the theory in the clinical environment can be a relationship between training members (including coaches and staff) clinical named [23]. In this study, the lack of coordination among the personnel of health centers have to speak with students. Rotem A, Hart G Hart at the best and worst experiences in nursing students in Australia found that a positive relationship with staff and students to determine their role and contribution to patient care as valuable points have been mentioned [24]. Massarweh (1999) recognizing the fact that the most important part of medical education and nursing, clinical teaching is that its importance can not be ignored, Writes: Unfortunately, few researches have been done to promote education and clinical research performed in the majority, the practical training, evaluation and interpersonal skills in the classroom environment with a very broad field of clinical training have been reported [25]. Although this group of clinical training to improve midwifery skills is done in various areas, but in execution, there are several problems that must be considered responsible for midwifery training, or related measures such as more cooperation between the city of Mahabad University Health Network, providing educational and welfare facilities (rooms, Tea time, providing a comprehensive new books for the library) in the clinical environment, implementing the principles in clinical practice ((to overcome the wrong habits, environmental compliance), to provide proper care and a decrease in delivery of teaching and learning environment to the most current (non-scientific fields in order to overcome and the evaluation criteria, students are recommended to improve current conditions. Internal evaluation of the training output (production of new knowledge), indicating a score of 3/5 and is more than satisfactory rating, which is consistent with the study Yousefi et al. The study group within the Department of Anatomy Dept of State faculty members, was announced more than satisfactory [21]. In a study of the views of learners and learning providers at 16 Department of Clinical Medical Sciences, Iran, evaluation of educational activities and research, and half were favorable [26].

Finally, although the total score of Midwifery Gorman Table 3/97 and has a good rating. The evaluation results, it is clear that with the elimination of known defect in any particular part of clinical training can achieve a better result. The Department of Midwifery, Islamic Azad University of Mahabad, with its strengths and weaknesses of the evaluation group is actively strengthening the positive steps to eliminate defects and pose.

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