



PERCEPTION AND EVALUATION OF TEACHING METHODOLOGY BY MBBS STUDENTS

Anatomy

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ABSTRACT

Introduction- Rapid changes of modern world have caused the higher education system to face a great variety of challenges. Research and exploration to figure out useful and effective teaching and learning methods are of the most important necessities of educational system In the last two decades, the importance of teaching evaluation has been emphasized in higher education.

Material and methods - This study was planned to evaluate the extent to which students are benefited from the present teaching methods. To obtain their suggestion about various aspect of current teaching method. Present study was done in PGIMS Rohtak on 100 MBBS students of 1st prof to see their perception regarding teaching methods used presently. For this a structured questionnaire was prepared and then it was distributed among the students and their response was segregated.

Results and observation - In present study student had mixed response regarding teaching methods, they found the group discussion to be the best method of teaching. They liked the practical approach of teaching, they showed maximum response towards the models teaching, showing videos and via showing specimens. In the method of evaluation they preferred MCQ's as an excellent way of assessment.

Conclusion- In present study, an evaluation made by students could provide the teacher with useful feedback information. This study will help us to promote an art of teaching, implementing better methods of teaching, identifying the problems students are facing and lastly it will help us build a better and quality way of teaching system.

KEYWORDS

MBBS students, teaching methods, feedback

INTRODUCTION

Rapid changes of modern world have caused the higher education system to face a great variety of challenges¹. Research and exploration to figure out useful and effective teaching and learning methods are of the most important necessities of educational system². In the last two decades, the importance of teaching evaluation has been emphasized in higher education. Many medical school have searched for ways to effectively and constructively evaluate performances of their faculty member³⁻⁵. Active learning strategies can be designed to target visual learners through models and demonstration, through discussion, debates, games and kinesthetic and tactile learners through model and role playing⁶. There has been a growing concern among medical graduates trained in medical colleges in our country⁷. Given the education quality, attention to students' education as a main product that is expected from education quality system is of much greater demand in comparison to the past. There has always been emphasis on equal attention to research and teaching quality and establishing a bond between these two before making any decision, however, studies show that already given attention to research in universities does not meet the educational quality requirement⁸.

AIMS AND OBJECTIVES

This study was planned :

- 1) To evaluate the extent to which students are benefited from the present teaching methods.
- 2) To obtain their suggestion about various aspect of current teaching method.

MATERIAL AND METHODS

Present study was done in PGIMS rohtak on 100 MBBS students of 1st prof to see their perception regarding teaching methods used presently. For this a structured questionnaire was prepared and then it was distributed among the students than they were instructed to pick the option to each question which they felt to be most appropriate. The respondents were also encouraged to furnish their independent and unbiased opinion regarding certain aspects of teaching methods, suggestion for improvement and any other remarks in suggestion paragraph of the questionnaire.

The participants were instructed not to provide any personal information, nor to reveal their identity in the questionnaire. Students were discouraged to put in writing any individualized comment about the faculty members. The completed response sheet were then collected.

OBSERVATION AND RESULTS

Students response for the questionnaire

Table 1. Methods of teaching

Method of teaching you feel more effective	Neutral/not effective	Good	Excellent
1 Normal lecture	29%	53%	18%
2 Tutorials	40%	34%	26%
3 Group discussion	15%	23%	62%

Graph 1. Showing response for method of teaching

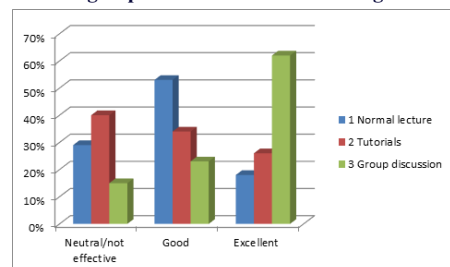


Table 2. Medium of teaching

Which medium of teaching you felt to be better?	Neutral/not effective	Good	Excellent
1 Via power point	45%	24%	31%
2 Model teaching	0%	0%	100%
3 Via showing specimens in dissection hall	0%	19%	81%
4 Videos	0%	0%	100%
5 Black board	100%	0%	0%

Graph 2. showing response for the medium for teaching

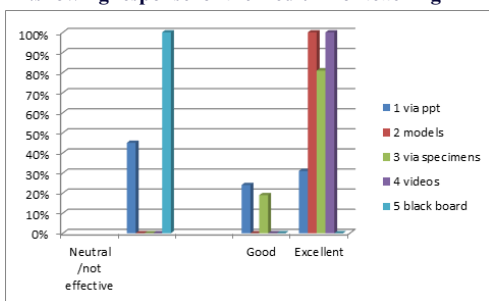
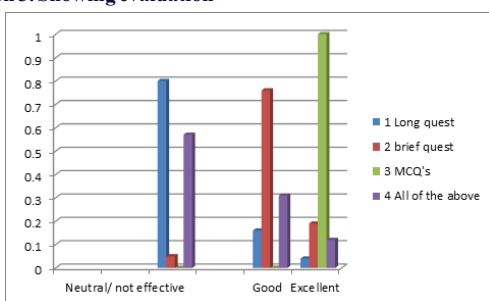


Table 3. Method of evaluation

Which method of assessment is better ?		Neutral/not effective	Good	Excellent
1	Long question	80%	16%	4%
2	Brief question	5%	76%	19%
3	MCQ	—	—	100%
4	All of the above	57%	31%	12%

Graph 3. Showing evaluation



DISCUSSION

Many psychometric studies have revealed the validity and accuracy of students opinion as well as their close co-relation with objective measurements of the instructors effectiveness⁹. The many biases which were earlier ascribed to student evaluators have mostly proved to be of negligence importance¹⁰. So in present study structured questionnaire was prepared to see the perception of the students regarding teaching methods used presently.

In present study student had mixed response regarding teaching methods, like regarding lecture 53% found it to be good and 18% responded it to be excellent and 29% had neutral attitude.

Regarding the tutorials 34% found it to be good and 26% found it to be excellent whereas 40% did not find it to be effective method. As they think they don't get enough time to read a topic because of the frequency with which they are done. Whereas majority students found group discussion to be the best way of teaching only 15% had neutral attitude.

When they were asked about medium of teaching, 100% were in the favour of model teaching. As they found it to be interesting as well as it helped them to create an image in their mind. Again 100% student found videos to be an excellent medium of teaching as it also created an image in their mind and made better understanding of the topic. Via seeing the specimen, 80% said it to be an excellent way of teaching and 19% said it to be the good one, as according to them it helped to have an image to how they would be seeing the structure, so it gave them an image to how they would be proceeding the steps in dissection. So they would not damage any important structure while doing the dissection. Via power point method they had mixed response as it varied from teacher to teacher how they prepare their slides, sometime they complained that slides were rushed very fast. None of them were in favour of black board teaching as they could not see whatever written on the board, as the distance of the board is quiet far from them, which did not relate with the study done by kaushik Bhowmick et al.

When it came to evaluation aspect 77% did not like long questions as according to them they don't cover whole syllabus and focus only on important questions which leads to deficiency in their knowledge. When it came to brief question 76% responded it to be good and 19% found it to be an excellent method of assessment as they have to write

just to the point and they cover almost all the topics of syllabus. Most of the participants expressed MCQ as preferred method of evaluation because they think, person with good knowledge can do the MCQ and moreover there is no biasing in the checking which can happen in long and brief question, depending on the teachers attitude towards checking which was in accordance to the study done by Shreemanta kumar Dash et al¹¹. When they were asked if all type of question are put in question paper, yet 31% had good and only 12% showed excellent response, rest had neutral attitude. So it showed that students are more inclined to the MCQ's based assessment.

CONCLUSION

In present study, an evaluation made by students could provide the teacher with useful feedback information. This study will help us to promote an art of teaching, implementing better methods of teaching, identifying the problems students are facing, and lastly it will help us build a better and quality way of teaching system.

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