



Evaluation of Teaching Methods in Medical Technical Science Department of Aleksander Moisiu University of Durres

Rezarta Kalaja¹

Marsida Krasniqi²

¹Head of Department of Medical Technical Science,
University Aleksander Moisiu, Durres, Albania

²Department of Medical Technical Sciences,
University Aleksander Moisiu, Durres, Albania.
Our Lady of Good Counsel, Tirana, Albania

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Abstract

Teaching is the key to have a well- prepared student in the job market. The department of medical technical science has always been committed to teaching as high quality as possible. The aim of our study is to evaluate the teaching methods in Medical Technical Science Department in Aleksander Moisiu University of Durres. This is a cross- sectional studies conducted in a period of 2 months were 332 students participate. Student's feedback on teaching methods was collected through "Google form questionnaire". Questions regarding type of teaching methods, how satisfy students were about teaching methods and what they suggest to improve the teaching were collected. Data were presented as percentage. In our study students were satisfied with teaching methods except with laboratory and hospital practice. Most of the students reported that video projector teaching methods has a great impact in understanding the lecture. More teaching and students interactivity and evaluation forms in the end of the lecture were suggested from the students.

Keywords: Teaching, cross sectional study, evaluation, Aleksander Moisiu University

1. Introduction

Teaching is the key to have a well- prepared student in the job market. The department of medical technical science has always been committed to teaching as high quality as possible. For this reason, various studies have been conducted to increase the quality of teaching, which also affects the labor market¹. In Albania studies that evaluate the quality of teaching methods are missing. Our department has always been vigilant to have students capable of the labor market by increasing the quality of teaching by adding new ways of teaching. To evaluate the efficacy of any teaching methods, students are the best subjects to be interviewed². A good teaching method will help to increase the level of education in students. In this study we aimed to evaluate the level of education methods in the department of medical technical science in Aleksander Moisiu University of Durres and to identify through students who is the best teaching method system that they understand better the lecture.

2. Methods

This is a cross sectional study that was conducted in a period of 2 months, from January 2022 to March 2022. A self- completion questionnaire from "Google form" was sent to students to be completed by email. Students who get the email

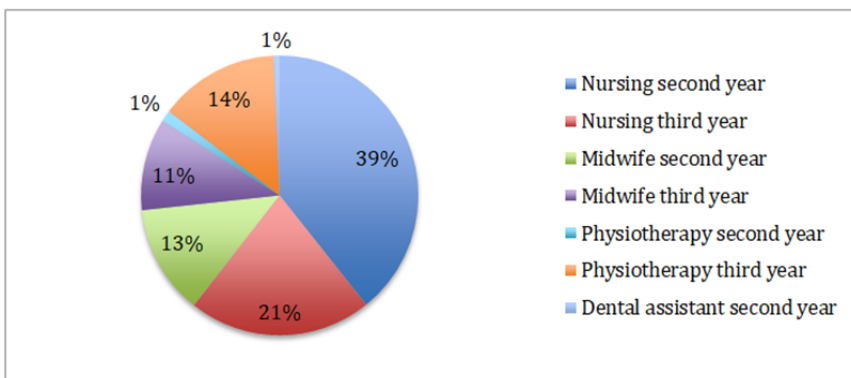
were from department of Medical technical science of Aleksander Moisiu University in the second and third year of study. The questionnaire had questions about profile of study and gender. Regarding type of teaching methods and how they evaluate them was formulated as closed questions. Open questions as how they suggest to improve the teaching a method was in the questionnaire. From 435 students that we send the email, only 76,3% (332 students) answered back. Data were collected and presented as percentage.

3. Results

From 332 students who participate in this study, 85% (n = 282) of them were female and 15% (n = 150) were male.

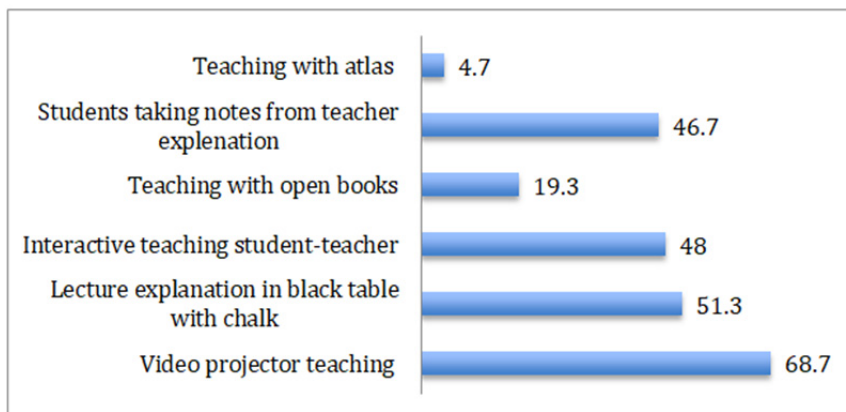
From graphic 1, we can see that 60% of the students who answered the questionnaire were from nursing profile study, where 39% in the second year of study and 21% in the third year of study. 24% were from midwife, 13% in second year and 11% in third year. 15 % were from physiotherapy and only 1 % from dental assistant.

Graphic 1: Students studying profile who participate in the study



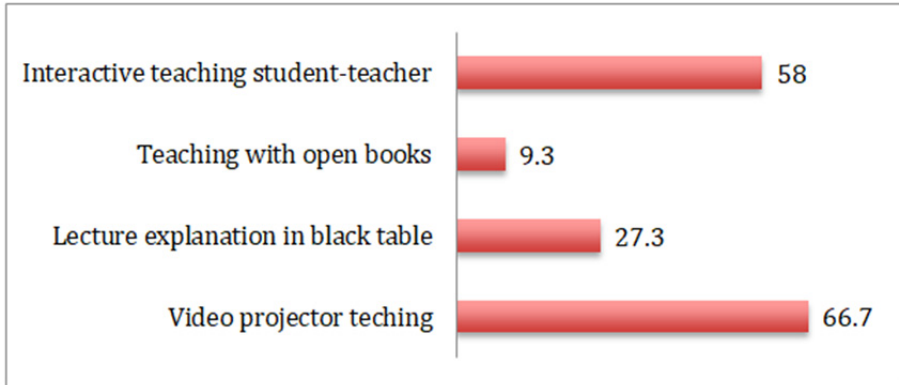
Regarding the type of teaching methods students answered in more than 65% video projector teaching, 51,3 % lecture explanation in black table with chalk and 48% interactive teaching student-teacher. Less than 5% answered that the teaching methods was with atlas.

Graphic 2: Type of teaching methods in medical technical science department



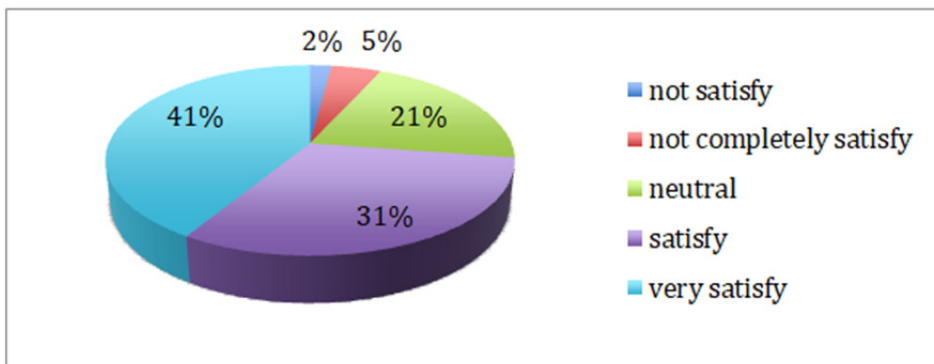
To the question "which type of teaching methods would you prefer most?" 66,7% answered video projector teaching and 58% answered interactive teaching student teacher.

Graphic 3: Type of teaching methods students prefer more



Regarding how satisfies the students were with the teaching methods, 41% answered very satisfied and 2% not satisfied.

Graphic 4: Students satisfy with teaching methods.



To the open question about what do they suggest to improve the teaching methods, most of them suggested more interactive teaching with students and teacher and more laboratory and hospital practice.

4. Result and Conclusion

From our study it was seen that students was satisfied with the way of teaching. Types of teaching methods preferred from students was video projector teaching and interactive teaching. Other studies have reported video projector and interactive teaching as the best way to teach^{3,4,5}.

Regarding the students suggestion to improve the teaching methods, most of them asked for more interactivity and evaluation forms in the end of the lecture. Students to be improved in order to be prepared in job market suggested more laboratory and hospital practice. Different studies have suggested practice to be an effective method to prepare students for job market⁶.

As a conclusion we can say that teaching methods in our department archive the goal of satisfying students knowledge. Improvements in teaching methods will always be in our department as our goal is to educate students as best as we can with new methods.

According to the suggestion of students, we will try to improve more hospital and laboratory practice in order to increase the quality of students in labor market.

5. Limitations

Since this study included the students of Medical Technical Department in Aleksander Moisiu University of Durres the data are only for this population group. A more detailed study in the University and a multicenter study would better determine students satisfy about teaching methods and their suggestion to improve these methods.

6. Declaration of Conflicting Interests

The authors declare that they have no conflict of interest.

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- KRASNIQI, M., & KALAJA, R. . (2020). Challenges and employment opportunities of nursing students after finished the master in "Surgical Nursing". *Interdisciplinary Journal of Research and Development*, 7(1), 67. Retrieved from <https://www.journal-uamd.org/index.php/IJRD/article/view/5>.
- Badyal, D. K., Bala, S., & Kathuria, P. (2010). Student evaluation of teaching and assessment methods in pharmacology. *Indian journal of pharmacology*, 42(2), 87–89. <https://doi.org/10.4103/0253-7613.64502>
- Åsa Hirsh, Claes Nilholm, Henrik Roman, Eva Forsberg & Daniel Sundberg (2022) Reviews of teaching methods – which fundamental issues are identified?, *Education Inquiry*, 13:1, 1-20, DOI: 10.1080/20004508.2020.1839232
- Shirani Bidabadi, N., Nasr Isfahani, A., Rouhollahi, A., & Khalili, R. (2016). Effective Teaching Methods in Higher Education: Requirements and Barriers. *Journal of advances in medical education & professionalism*, 4(4), 170–178.
- Faghihi SA, Khankeh HR, Hossini SJ, Arabshahi SKS, Faghihi Z, Parikh SV, et al. Improving continuing medical education by enhancing interactivity: lessons from Iran. *Journal of Advances in Medical Education & Professionalism*. 2016; 4(2): 54. [PMC free article] [PubMed] [Google Scholar]
- Mahasneh, D., Shojirat, N., Alsarairoh, A., Singh, C., & Thorpe, L. (2021). From Learning on Mannequins to Practicing on Patients: Nursing Students' First-Time Experience of Clinical Placement in Jordan. *SAGE open nursing*, 7, 23779608211004298. <https://doi.org/10.1177/23779608211004298>