



Attitude of Undergraduate Nursing Students Towards Powerpoint, Overhead Projector And Chalkboard Teaching

Prof. Vaishali Taksande

HOD of the Obstetric and gynecological nursing, SRMMCON, DMIMS (DU) Sawangi Meghe, Wardha

Dr.Mrs. Sunita Vagha

Director of SHPER, DMIMS (DU) Sawangi (Meghe) Wardha

ABSTRACT

Background: Chalkboard, overhead projector and teaching through Microsoft PowerPoint are the three commonly used teaching learning media in lectures. A chalkboard is uniquely effective as medium of classroom instruction and has been used commonly in lectures, while the use of transparencies with an OHP has been popular. Recently the use of electronic presentations has become common and PPT is now the most popular package used out of all electronic presentations.

Objectives: To assess the attitude of undergraduate nursing students towards power point, overhead projector and chalkboard teaching and to compare the perceived efficacy of each of the three teaching aids used during lectures.

Materials and Method's: A descriptive study as used .88 Final years Basic B.sc Nursing selected from SRMM college of Nursing. Attitude scale were used and questionnaire used for perceived efficacy. Topic for teaching were from same difficulty level and it was from same must know area .First and second day topic teaching with power point presentation, third and fourth day topic teaching with OHP and fifth and sixth topic teaching with black board. After teaching assess attitude of nursing student regarding the PowerPoint, Overhead projector and Chalkboard teaching. And then assess the perceived efficacy with questionnaire of all three teaching media

Result: The results showed PowerPoint presentation was preferred as method of teaching by 90.91% of students and overhead projector was preferred as method of teaching by 5.68% of students and blackboard teaching was preferred as method of teaching by 46.59% of students. 88 (100%) students were said that combination of different mode to be used with each other 88 (100%) students preferred a combination of PPT & BBT for lecture delivery, while use of OHP was not preferred.

Conclusion: The study concluded that black board as well as power point presentation is the effective instructional aids in nursing education and both can be used in combination for the effective delivery of classroom instructions and OHP is out dated method of teaching.

KEYWORDS :Attitude, nursing students, PowerPoint, Overhead projector and Chalkboard teaching.

Introduction

A chalkboard is uniquely effective as a medium of classroom instruction and has been used commonly in lectures, while the use of transparencies with an OHP has also been popular.¹ Recently the use of electronic presentations has become common and PPT is now the most popular package used out of all electronic presentations.² Each of these media has their own benefits and limitations. Over the last decade teachers seem to increasingly prefer PPT to the other media.

PowerPoint presentations have become popular because of their portability, availability, and ease of use.³ Educators have used PowerPoint to support content presentation, assist note taking, provide information clarity, and make lectures interesting.⁴

Power Point is one of the most widely used applications in the world. PowerPoint was developed by a former Berkeley Ph.D. student known as Robert Gaskins. His idea was to develop an easy to use presentation program based on a series of slides. As is the case with most successful ventures, PowerPoint had the most humble beginning from a place one wouldn't have fancied as the best place to make the most extraordinary presentation software of its time.⁵

The advantages of Power Point is regarded as the most useful, accessible way to create and present visual aids; others believe it has its own mind-set which forces presenters to spend countless hours thinking in Power Point and developing slides.⁶ Easy to create colorful, attractive designs using the standard templates and themes; easy to modify compared to other visual aids, such as charts, and easy to drag and drop slides to re-order presentation. Easy to present and maintain eye contact with a large audience by simply advancing the slides with a keystroke, eliminating the need for handouts to follow the message.⁶

Obtaining knowledge of the learner and his/her preference is a vastly underutilized approach to improve classroom instruction.⁷ few studies have been conducted to assess the effectiveness of lectures using

PPT or other such media in comparison to lectures using CB, or the use of OHP with varying results. Hence this study was proposed to assess the attitude of undergraduate nursing students towards PPT, overhead projector and chalkboard teaching and to compare the perceived efficacy of each of the three teaching aids used during lectures of Basic B.Sc. Nursing, Smt. Radhikabai Meghe Memorial College of Nursing, Datta Meghe Institute of Medical Sciences (Deemed University).

Materials and Methods:

The study design for the present study was Evaluatory Descriptive. The study was conducted in SRMM college of Nursing Sawangi Meghe Wardha. Non probability Purposive sampling technique and 88 final year Basic B.Sc. Nursing students was selected in this study. Inclusion Criteria was students who were willing to participate in this study and exclusion criteria participants who were not available during the period of data collection. Attitude scale and questionnaire were used for data collection.

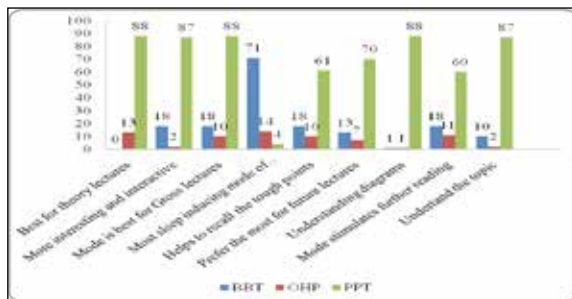
Result

Assessment of attitude of undergraduate nursing students towards power point, overhead projector and chalkboard teaching. The results showed PowerPoint presentation was preferred as method of teaching by 90.91% of students, overhead projector was preferred as method of teaching by 5.68% of students and the results showed blackboard teaching was preferred as method of teaching by 46.59% of students.

Perceived efficacy of nursing students of each of the three teaching aids. Most of the students perceived as PPT was a Best tool for the-ory lecture, more interesting and interactive as compare to OHP and black board. Most of the students perceived as PPT was a Best mode for gross lectures, 61 students perceived as PPT was best mode which helps to recall the tough points,70 students perceived as PPT was mode prefer the most for future lectures Most of the students perceived as PPT was mode preferred for understanding diagrams, 60

students perceived as PPT was perceived mode stimulates further reading ,87 students perceived as PPT making the lectures understandable and 71 students perceived as Black board method was sleep inducing mode of teaching,

Finding of the 88(100%) sample were said that power point presentation was best for theory lectures. 86(98.86%) sample were said that power point develops the ability to understand the topic better.88(100%) sample were opined that PPT method of teaching was more interesting and interactive as compare to OHP and black board. 67 (76.14%) sample opined that PPT was best mode of method of teaching for gross lectures ,and black board were 14(15.91%) and OHP were 12(13.64%) .71(80.68%) sample were opined that black board method was sleep inducing mode of teaching where as only 14(15.91%) were OHP and 4(4.55%) were PPT respectively. 61(69.32%) sample opined that PPT was best mode which helps to recall the tough points, where as 18(20.45%) and 10(11.36%) were black board and OHP best mode which helps to recall the tough points respectively. 70(79.55%) sample were opined that PPT mode prefer the most for future lectures .88(100%) sample were agreed that PPT mode preferred for understanding diagrams.66(68.18 %) sample were opined that PPT mode stimulates further reading where as 18(20.45%) and 11(12.50%) sample were opined that black board, OHP mode stimulates further reading respectively.



Graph 1 Perceived efficacy and view on different teaching learning aids

88 (100%) students were said that combination of different mode to be used with each other. 88 (100%) students preferred a combination of PPT & BBT for lecture delivery and only 8 students preferred combination of all three methods, while use of OHP was not preferred. 9(10.22%) of the students expressed difficulty in switching from one mode of teaching to other within short duration, where as 79(89.77%) sample were not faced any difficulty in switching from one mode of teaching to other within short duration.

Discussion

In present study PowerPoint presentation was preferred by 90.91% of students as method of teaching. This finding support by **Dr Roopashree R, Dr Suman Tiwari Sep. - Oct. 2013** Most of the students preferred LCD as the best mode for Anatomy Lectures ⁸, **Savoy et al., 2009** observed that most students preferred PPT over traditional presentations (e.g., chalk and talk) ⁹.

This study has shown that majority 88(100%) of the students in our setting preferred a combination of Power point and black board. This finding was supported by **H.Sagili and H.Sagili1, N. Chourasia2, 2015** Students preferred a combination of PowerPoint and blackboard for lecture delivery, while use of transparencies was not preferred.^{10,11}

Our students perceived PPT as a better tool for making the lectures understandable, more interactive and interesting, preferred for understanding diagrams, helps to recall the tough points and preferred the most for future lectures this finding supported by **Seth and colleagues (2010b)** In this study report that a majority of medical students preferred PPT because of better quality of texts and diagrams, graphs, animations and videos. It was considered ideal for fast revision and quick overview of the subject. In this present study transparencies OHP only 10(11.36%) of students suggested that transparencies may be used to helps to recall the tough points¹². This finding supported by **Chaudhary et al., 2009** transparencies were consid-

ered, out dated, unclear, unattractive, boring and not useful by majority of the students, and illustrations and graphics are preferred for better retention. Less than 2% of students suggested that transparencies may be used to summaries important points.¹³

Conclusion

Traditional method of lecture delivery should be carefully amalgamated with power point presentations to meet the aspirations of students and to combat the limitations of Black board method. The study concluded that black board as well as power point presentation is the effective instructional aids in nursing education and both can be used in combination for the effective delivery of classroom instructions OHP is out dated method of teaching. Majority of nursing students clearly preferred the use of PPT presentation in lectures over the other two methods. Visual aids such as PPT will motivate the students to learn their subjects, thus making the learning process an enjoyable experience. These findings suggest need for changes in the current practice in nursing education to facilitate overall improvement of teaching learning experience.

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