



The Perceptions of Libyan Nursing Students on the Most Effective Teaching Strategy Utilized by the Nursing Faculty in Omar Al-Mukhtar University, Tubruk, Libya

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Abstract

Teaching is the fundamental part of leveling up one's knowledge. Education is form through teaching and there are different types of teaching strategies that can be done in teaching nursing students on how to apply their knowledge in practical examinations, these are: Lecturing, Discussion, Questioning, Audio Visual, and Interactive learning. This research's purpose is to determine the most effective teaching strategy the most perceived by the Nursing students of Omar Al-Mukhtar University in Tubruk, Libya. After distributing the questionnaire and analyzing the data that were collected, the given results showed that using audio visuals is the most effective teaching strategy that the students perceived while lecturing is the least that they perceived. The students are more active when they are learning from using audio visual with their professor is adding further explanations on a certain topic. By this method, they are able to consume less time on listening and more time on conducting practical examinations which they really need because they are nursing students from the university.

Keywords: lecturing; discussion; questioning; audio visual; interactive learning; most effective.

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1. Introduction

Students can learn by themselves, they can earn knowledge by their own hard work but they can't learn things properly without guidelines or someone to guide them [1]. Teaching is the act of guiding the students on the specific knowledge that they will learn, and the doer of this act is what we called as "teachers" or "professors" and there many types of teaching methods that can be done. Teaching methods are actions made in order to accomplish a particular goal of education, and this teaching methods varies on the expected outcome [2]. Basically, there are five major types of teaching strategies --- lecturing, discussion, questioning, audio visual and, interactive learning.

Lecturing is the oldest method of teaching. It is the form of teaching strategy in a way that an instructor is the central focus of information transfer [3]. It can accommodate the students' need for wide range of references because lecturing indeed, is using paper references which is given to the students or any form of presenting an idea in written words. Also, according to the authors [4], "lecture is a teaching manner whereby the teacher presents the contents in a comprehensible manner by explaining the facts, principles, and relationships during which the teacher is expected to elicit student participation by employing appropriate techniques." And as of today, lecturing is still the most used teaching strategy because of its capability of giving the students the easiest way of learning.

Discussion as explained by Sandra DeYoung written in [5], it involves exchange of ideas, opinions, and reactions in a certain problem or issue by group and, may be formal or informal. Often made with open-ended questions that are being expanded through the different point of view of instructors and students. It is an interactive learning wherein students can freely ask questions if they have doubt on the ideas being discussed or if they want to add other information that can widen the area of knowledge within a certain topic.

Questioning is the method in which it is done after teaching a certain topic. It is a test whether the students understand the topic thoroughly or still need further explanations. It is represented by recitation and written questions such as quizzes and seat works. It serves as the test of knowledge for students, it is being test here if they can explain the ideas that they have learn in their subjects. Audio visual method is using charts, video clips, PowerPoint presentations, voice records, etc. as the ways of teaching the students. It is a convenient way for the instructors because they don't have to talk a lot, and just add few information if it isn't explained well in the presentation and as well as for students, they can choose whether they want to jot down notes or just ask for a copy of the presentation from their instructors. This method is now widely used in schools especially in college and universities.

Lastly, interactive learning is the combination of all the strategies and methods in teaching. It is an active way of learning wherein everyone can share their ideas and conduct a debate if possible to make the learning more interesting. It is where the instructor and his students meet at one line that connects them. They are able to ask one another the what, why, and how questions without limits. This research aims to determine the most effective teaching strategy for students and how it boosts their energy for learning and to give to the instructors the idea of how they can make their teaching more knowledgeable and time efficient.

This will only focus on assessing the most preferred teaching strategy of the nursing students that can enhanced their learning capability as well as their productivity in school activities.

2. Materials and Method

Table 1: Questionnaire Sample

Lecturing	Strongly Agree	Agree	Disagree	Strongly Disagree
I can easily understand new topic in each class.				
Discussion	Strongly Agree	Agree	Disagree	Strongly Disagree
It gives me an opportunity to apply principle, concept, and theories to new and different situation.				
Questioning	Strongly Agree	Agree	Disagree	Strongly Disagree
It deepens my comprehensive skill in class				
Audio Visual	Strongly Agree	Agree	Disagree	Strongly Disagree
Broaden my knowledge by using pictures and charts				
Interaction	Strongly Agree	Agree	Disagree	Strongly Disagree
It challenges my initiative for every activity				

The research was conducted in Omar Al-Mukhtar University in Tubruk, Libya wherein one hundred respondents were given a Likert scale questionnaire that has questions for each section, respectively. The respondents are the Nursing students of the University ages from 17 years old to 26 years old and was held during the first three days of the School Year 2015 to 2016, August 1 to 3, 2015.

The questionnaire contains scales of four from strongly agree to strongly disagree so that they have the wide range of selection to choose. The collected data were computed by Statistics procedures--- namely by frequency distribution, weighted mean, and average comparing. In the frequency distribution is where the age statistics will be determined.

Weighted mean is used to get the overall rating in each question and sections. And, the comparing of average was used for comparing the results from each section to determine the most convenient strategy for the students. Below is the sample of the questionnaire that had been distributed

3. Results and Discussions

The collected data that were answered by the Nursing students of Omar Al-Mukhtar University, were analyzed and made in figure below showed that from the five teaching strategies, using an audio visual helps the students to recall the lessons that have been tackled, and they find it easier to understand while lecturing method has the lowest ratings among them.

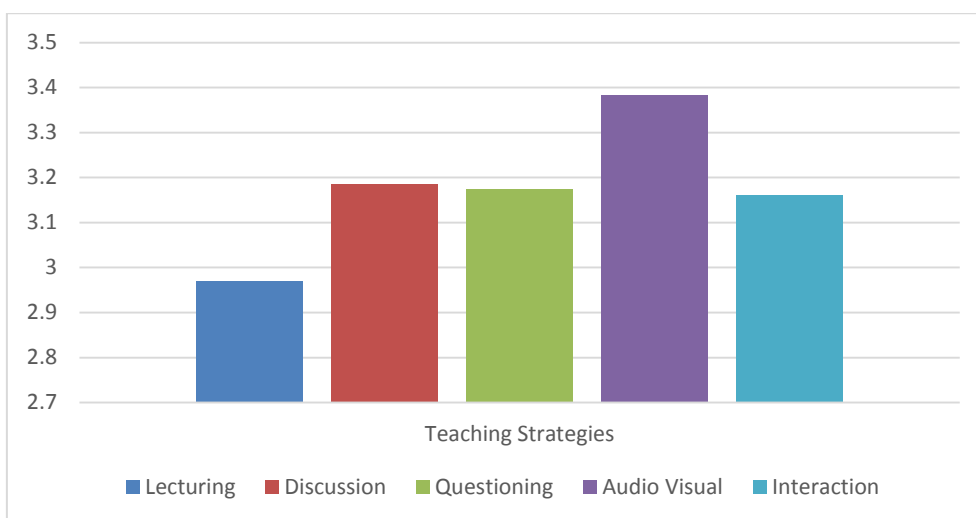


Figure 1: Overall Collected Data Results

Table 2: Percentages by Age Bracket

Age	Lecturing	Discussion	Questioning	Audio Visual	Interactive Learning
25 – 29	79%	81%	79%	84%	80%
20 – 24	74%	80%	78%	84%	78%
17 – 19	74%	80%	82%	86%	81%

Dividing the answers using the standard age bracket, it showed that lecturing method still has the lowest percentage while using audio visual still has the highest percentage.

As of today, we know that technology has already find its way to help the students with their assignments, seat works, and other academic activities. The students are now adapting the new way of collecting and learning new ideas to broaden their knowledge.

And as was shown in my data, this method really makes a big help to the students. Comparing the mean of each questions, the weighted mean that I got is 3 or “Agree” which did prove that it really makes more efficient time for the students in managing their studies. Furthermore, the correspondents want the used of audio visual method because in medical field, illustrations and representations are more effective than the other way of teaching to deeply understand the ideas of the study of medicine. According to [6], “Audio visual are aids are those aids which help in completing the triangular process that is motivation, classification, and stimulation.” We know that someone can easily cope up with a situation once it is projected in front of him/her, therefore by the use of the two senses, sight and hear, these nursing students are able to adapt the ideas of a certain topic. Authors of Practical Nursing Education said [7], “audio visuals will take place if the lesson is unavailable or impossible to handle because of its complexity, that it’ll already need a high-tech device to show it as the instructor will follow it by his/her explanation through the topic.” Using audio visuals also need to be followed by discussion to elaborate the idea of what is presented.

Discussion got the next highest rate within the five strategies. Discussion is a common type of teaching method used in medical field because in this field, several information is being explained thoroughly in order for the students to understand what it being tackled. According the author [8], “Discussion was conceptualized as recitation, a teacher-directed conversation, an open-ended question, a series of responses to challenging questions, a guided transfer of knowledge to the world outside the classroom, and as practice with verbal interaction skills.” The students are paying enough attention throughout the discussion because it is where the several ideas are interconnected, meaning to say the flow of the study is being tackled in this method, little by little until all the connections are stated clearly and after this, the students can now apply what they have learned.

Questioning and interactive learning have the same objectives as a teaching method. One of those is to test the students’ capability of understanding, in a way that they can properly explain a topic. In these methods, the students are being active because they can conduct an exchange of ideas with their classmates and even with their instructors, which can be a key in order for them to apply properly what they have learned from the lessons they will tackle. These are the most challenging method of teaching in medical field, because in these methods the students will have a formal conversation within the classroom, wherein the exchange of ideas will occur, it may be done through panel discussion or even a debate as long as the interaction within the instructor and the students is present. The respondents in the university are at the average level of these methods, they are willing to participate actively in order to present their ideas within the topic and also, to listen to their classmate’s ideas and analyzed the possible connections within their ideas.

Lecturing had the least rate within these strategies because somehow, the students are not paying enough attention in their lessons. Since the respondents are nursing students, they want to be engaged in an active participation rather than passive participation because they are into applying their learning after it is explained and showed to them. These students don’t just listen all day to their instructors as a part of their learning, they want to show what they’ve learned from their instructors. For them, in order to deeply understand what is being explained, they have to think outside the box. They want to see how they can apply what is being lectured, more than listening they want to have practical examinations.

4. Conclusion

From the data that have been collected and analyzed, it was showed that Nursing students of Omar Al-Mukhtar University in Tubruk, Libya considered the using of visual audio as the most effective teaching strategy that is done by their professors. They can actively participate in every activity because their minds are awake during their class hours. It is a sign that they can perform well in their academics as well as to their practical examinations. Therefore, with this research it is proven that the Nursing students of Omar Al-Mukhtar University preferred to listen by their instructors using visual audios rather than lecturing the whole time. So that I may recommend to use more audio visuals as representations of the topic to conduct more time on interactive learning so that the students can deeply understand the topic.

5. Recommendation

Future researchers may conduct a comparative analysis using data obtained from other universities in other parts of Libya to determine if a similar trend in most teaching strategy utilized has been seen. Similarly, data from other countries in the region may be collected to determine if the variable differences seen in this study is common among students of the region. Furthermore, the university management may use the data collected for the purpose of enhancement of teaching staff and staff development.

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Appendix

Questionnaire

Lecturing	(1)	(2)	(3)	(4)
	Strongly Agree	Agree	Disagree	Strongly Disagree
1. I can easily understand new topic in each class.				
2. Enhance my knowledge through integrated and synthesized topics from several field or source.				
3. On-hand reviewing by supplement lecture sheets given by the professor gain me more knowledge and make it in reality.				
4. I can understand difficult concepts by means of this precise strategy.				
5. There is no time pressure to learn a new topic				
Discussion	(1)	(2)	(3)	(4)
	Strongly Agree	Agree	Disagree	Strongly Disagree
1. It gives me an opportunity to apply principle, concept, and theories to new and different situation.				
2. It gives me clarification of the information and concepts of topic				
3. I can easily answer a problem				

solving given by the professor.				
4. I am able to develop and create my belief and position.				
5. It brings my listening skills to the higher level of understanding.				
Questioning	(1) Strongly Agree	(2) Agree	(3) Disagree	(4) Strongly Disagree
1. It deepens my comprehensive skill in class				
2. I can manage myself to be put in an active role.				
3. I am able to explore my knowledge through critical thinking				
4. It stimulates my key of understanding				
5. My mind formulates a new perspective on class activity.				
Audio Visual	(1) Strongly Agree	(2) Agree	(3) Disagree	(4) Strongly Disagree
1. Broaden my knowledge by using pictures and charts				
2. Provided printed materials or				

handouts improve my memorizing skills				
3. Improves my comprehension beyond visual representation				
4. My attentiveness to the class is improve				
5. My interest is focus on the topic				
Interactive Learning	(1) Strongly Agree	(2) Agree	(3) Disagree	(4) Strongly Disagree
1. I am excited to attend in every class				
2. My time management was improved				
3. Incentives make me participate in any activity				
4. I am actively participating to group interaction				
5. It challenges my initiative for every activity				