

# LEARNING WITH COVID 19: THE EFFECTIVENESS OF ONLINE LEARNING USING ONLINE MEDIA DURING THE COVID 19 PANDEMIC IN BASIC NURSING COURSES

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## Introduction

Since the determination of the 2019 corona virus disease (Covid-19) as a national epidemic on March 11, 2020, the online system has become a learning model in higher education and has started an adaptation process. Online or online learning is carried out as a strategic choice in breaking the spread of the Covid-19 outbreak in higher education. The Minister of Religion affirmed in his decision that the implementation of education which was emphasized by the Minister of Religion, the organizers must consider health by prioritizing online education services, in the sense that paying attention to health protocols (Yudiawan, 2020). So online learning allows learning to be carried out without meeting physically and at a distance, by using a good and friendly internet acase. This is relevant to preventing the spread of covid-19 through social distancing and physical distancing (Riyanda, Herlina, & Wicaksono, 2020).

Apart from the obstacles experienced in implementing online learning systems, student activeness in participating in activities tends to decrease over time and there is no awareness of students in carrying out netiquette or internet ethics. The initial study showed that online learning conducted at the Graha Medika Institute of Health and Technology, Kotamobagu, did encounter obstacles such as the quality of the network (signal) which was not optimal, which would disrupt the learning process. Especially for the mandatory nursing eyes, where every lesson is certain that there are practices that are impossible to do online or online. If it is done in online learning, it is certain that students will encounter problems in terms of transfer of knowledge or competence because it is not done face-to-face. Although one of the advantages of online learning is to strengthen or optimize the interaction between lecturers and students through discussion forms such as those found in the media on zoom or google meet or online learning institutions. But still, the special practical learning process for nursing students and health majors at the Graha Medika Institute of Health and Technology encountered obstacles in the process of transferring competency knowledge from lecturers to students.

The results of research conducted by (Yudiawan, 2020) state that online media choices in the form of Zoom, google meet, whatsapp are incorrect choices. Given that this application imposes a data quota fee on students and students who are respondents. So that every time a meeting or studying online makes it difficult for students to meet large costs. In essence, online learning using any media still uses data on quota costs which make it difficult for students themselves. But online learning is also in line with the objectives of policies set by the government which are directly addressed by universities throughout Indonesia, which of course are adjusted to their respective locations or regions. Thus, the aspects of social distancing and physical distancing can be maintained.

## Discussion

### 1). Definition of Online Learning

The online learning system has been implemented in the Nursing Study Program at the Graha Medika Kotamobagu Institute of Health and Technology in terms of meeting community needs for higher education services and one form of realizing the Industrial Revolution 4.0 which focuses on technology-based learning.

Online learning in the Nursing Study Program at the Graha Medika Kotamobagu Institute of Health and Technology is in the form of learning through the zoom application, google meet, whatsapp and so on.

The use of this learning media in learning activities encourages the implementation of education or learning to be more effective. By using media links, it allows the amount of information on learning data to be obtained so that it provides more interesting and complete explanations to students. Ideally, educators and students should always access various data information quickly. Rusman (2011), "Changes in the demands of technology integration in learning activities make the world of education require innovation and creativity in the learning process, one of which is the use of online-based learning media in teaching and learning activities".

According to (Pane, Aprida, & Muhammad Darwis, 2017) explaining learning is as follows: "Learning is a complex aspect of activities and cannot be fully explained. In simple terms, learning can be defined as the product of a continuous interaction between development and life experiences.

In essence, learning in a complex meaning is a conscious effort from a teacher to teach students (directing student interaction with other learning sources) with the aim that the goal can be achieved"

Through online learning, students can easily access digital material anywhere and anytime. Students are taught to be on time in the learning process and always provide material at any time (Langingi, 2021)

## 2). Online Learning.

### a. Definition of Online Learning / Internet Learning

The term online is an acronym for "in the network", which is an activity carried out by an online system that utilizes the internet. Online learning is a program for organizing online learning classes to reach a massive and broad target group (Bilfaqih & Qomarudin, 2015). Online learning is learning that uses multimedia technology, virtual classes, CD ROMs, video streaming, voice messages, email and conference calls, animated online text, and online video streaming (Thorne & Kaye, 2013). Meanwhile Rosenberg in (Alimuddin, Rahamma, & Nadjib, 2015) emphasized that "e-learning refers to the use of internet technology to deliver a series of solutions that can increase knowledge and skills"

According to (Ghirardini, 2012): "online provides effective learning methods, such as practicing with related feedback, combining collaborative activities with independent learning, personalizing learning based on student needs and using simulations and games. From the above understanding, it can be concluded that online learning or e-learning is a learning that utilizes technology using the internet where in the learning process it is not done face to face but uses electronic media which can make it easier for students to learn anytime and anywhere.

### b. Characteristics / characteristics of Online Learning / E-Learning.

Tung in (Mustofa,, Chodzirin, & Sayekti, 2019) mentions the characteristics of online learning, including:

- 1) Teaching materials are presented in the form of text, graphics and various multimedia elements;
- 2) Communication is carried out simultaneously and not simultaneously such as video conferencing, chats rooms, or discussion forums;
- 3) Used to learn at virtual times and places;
- 4) Various elements of CD-ROM-based learning can be used to improve learning communication;
- 5) Teaching materials are relatively easy to update;
- 6) Increase the interaction between students and facilitators;
- 7) Allows formal and informal forms of learning communication,

## Conclusion

- a. Online media choices in the form of Zoom, google meet, whatsapp are not the right choices. Given that this application imposes data quota fees on students and students.
- b. The online learning system has been implemented in the Nursing Study Program at the Graha Medika Kotamobagu Institute of Health and Technology and even all universities in Indonesia in terms of meeting the community's needs for higher education services as well as one form of realizing the Industrial Revolution 4.0 which focuses on technology-based learning.
- c. Online learning or e-learning is a learning that utilizes technology using the internet where in the learning process it is not done face to face but uses electronic media which can make it easier for students to learn anytime and anywhere. However, this model still has constraints that must be considered and fixed in the future.

## Suggestions

- a. Online learning should be used for theoretical learning only. This learning model is very helpful especially during the current Pandemic, it is used to minimize meetings with students to prevent Covid 19.
- b. Online learning models should be started or initiated and reproduced with creative learning such as videos that are used as practical learning guides in a hospital. Given that nursing students spend more time in practicum than theoretical activities.
- c. For lecturers, it is better if teaching materials are prepared and varied to enrich students' knowledge.
- d. If online / online learning is used during practicum activities, it is limited to introducing actions only. As a result of the practicum, students make a video of the implementation according to the SOP and send it back to the Practicum Lecturer to be reassessed by the lecturer, whether it is in accordance with the SOP or not.
- e. Even though online / online activities for nursing students are enforced, they must pay attention to the Covid 19 Health Protocol which intends to prevent its spread and transmission.

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## Author's Curriculum Vitae and Photos

Ake Royke Calvin Langingi, S.Kep., Ns., M.Kes was born on April 10, 1984 in Tomohon City, North Sulawesi Province. Is the 3rd child of the couple Hein Langingi (Alm) and Augustin Ratuliu (Alma). The author completed his undergraduate education at the Faculty of Nursing, Universitas Pembangunan Indonesia Manado in 2013, then continued to the Nurse Profession level at the Manado Development University of Indonesia as well and finished in 2015. The author continues his education at the Sam Ratulangi University Manado Postgraduate Program taking the concentration of Health Policy Administration (AKK) and completed in 2015. Everyday the author works as a lecturer in the Nursing Study Program at the Institute of Health and Technology Graha Medika, Kotamobagu. The author is also a young lecturer who is active in the Tri Dharma Perguruan Tinggi activities. Besides being a lecturer, the author is also active in professional organizations such as PPNI and other professional organizations in the health sector. On a daily basis, he works as a lecturer in Nursing courses in Medical Surgery, Health Biostatistics, Nursing Research Methodology and Basic Nursing Sciences. The author is also active as a researcher and as the author of journals and textbooks and scientific books in accordance with the field of science.

