

Description Of Capabilities Of Ners Students Stageacademic Conduct Self Directed Learning During The Covid 19 Pandemic At Stikes Santa Elisabeth Medan, 2022

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ABSTRACT

The Covid 19 pandemic has had an impact on the learning system, namely that there has been a change in learning technology, from what was usually carrying out face-to-face learning drastically now changing to online or online-based learning without face-to-face meetings. This study aims to describe the ability of students to do self-directed learning at STIKes Santa Elisabeth Medan. This type of research uses a descriptive design with a sample of 389 people. The results of the study show an overview of the ability of graduate students at the academic stage to do self-directed learning with high (69.2%) and moderate (30.8%) abilities. students are aware of and apply various learning strategies, learning awareness, learning activities, evaluation, and interpersonal skills during the covid 19 pandemic, From the results of this study it is hoped that the STIKes Santa Elisabeth Medan educational institution can maintain and increase student learning independence, even though the Covid 19 pandemic is over, students are still implementing self-directed learning.

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1. INTRODUCTION

The development of science and technology in the nursing education system has undergone fundamental changes, especially in undergraduate and nursing education programs. Higher education curriculum must be relevant to the world of work as well as higher education quality assurance. A better educational curriculum so that it can produce competent nursing graduates and educational institutions that meet national standards (AIPNI, 2015 in Paramata et al, 2020). The curriculum as the basis for the development of nurse profiles in the community, the curriculum that is compiled focuses more on student-oriented learning processes, namely Student Center Learning.

One of the learning methods that is often used in the teaching and learning process in health institutions, especially nursing education, is the Self Directing Learning method. Self Directing Learning (SDL) is a learning process carried out on the initiative of individuals or students themselves. In this case, the planning, implementation, and assessment of the learning experiences that have been carried out are all carried out by the individuals concerned (Paramata et al, 2020. Self-directed learning is the ability to learn independently. Learning that is carried out independently is very necessary in online learning because when the process learning, students will seek, find, and conclude their own lessons that have been studied independently (Setiana et al. 2021).

According to Huda, Mulyono, Rosyida, & Wardono (2019). Self-directed learning combined with the activeness of students to support the learning process is very dependent on current conditions. closer to smartphones compared to learning media such as textbooks or the like.

Self-directed learning is one of the professional values of nurses. Professional values must be developed from the time of education. Self-directed learning for nursing students influences many aspects such as critical thinking competence, effective communication, interpersonal relationships, responsibility, self-confidence, motivation, creativity, and academic achievement. However, several research results show that online learning has an impact on the learning independence of nursing students, which has decreased (Irmando & Tambunan, 2022). In Irmando and Tambunan's research

(2022) with the title "Learning Independence of Nursing Students in Online Learning in the Covid-19 Pandemic Era" the results obtained from 153 respondents were 21 (13.7%) respondents who had a low level of self-directed learning, 112 (73.2%) in the medium category, 20 (13.1%) in the high category.

In research (Zannah & Ruswana, 2018) with the title application of the self-directed learning model to improve students' mathematical understanding abilities, the results showed that the class that received learning using the self-directed learning model was 6 students or 35.29% in the high category and as many as 11 students or 64.71% were in the medium category. In the class that received conventional learning, 3 students or 18.75% were in the high category, 9 students or 56.25% were in the medium category and 4 students or 25% were in the low category.

In research (Muhammad, 2020) the effect of online lectures on students' self-directed learning showed that most of the self-directed learning students with online lectures were very high with a percentage of 45% and 52.5%; self-directed learning students with online lectures were in the high category, while in the low category for the student self-directed learning is only about 2.5%.

The reason is the necessity of implementing social distancing policies, work from home and learning from home to stop the spread of Covid-19 which has caused a shift in the paradigm of education in Indonesia during this pandemic. The impact is very real in the world of education, namely that there has been a change in learning technology, from which it usually carries out face-to-face learning, which has now drastically changed to online or online-based learning without face-to-face meetings.

The self-directed learning learning model can increase learning independence. The self-directed model which can be equated with online or distance learning can allow a person to plan their own learning, determine their learning activities, and learn freedom to achieve optimal learning results. The individual can have initiatives with or without the help of others. The pandemic period also made learning at the Santa Elisabeth Medan STIKes especially the Nurses study program. The self-directed learning learning model that is applied is more varied starting from collaborative learning, discovery learning, lecture theory, case study, resume, independent study in dormitories or homes, independent study in the library

2. METHODS

The research method used in this research is descriptive research which aims to describe the abilities of students of the Nursing Study Program at the Santa Elisabeth Medan 2022 Academic Stage. This study uses total sampling, namely all students of the Nursing Study Program at the Academic Stage of STIKes Santa Elisabeth Medan, totaling 389 students. The questionnaire used in this study describes the ability of the Academic Stage Nurses to self-directed on Covid 19 at the Elisabeth Medan Academic Stage in 2022.

3. RESULTS AND DISCUSSION

Based on the results of research that has been conducted on STIKes Santa Elisabeth Medan students, the frequency distribution of demographic data can be seen based on the table below:

Table 1. Demographic data in self-directed learning for students of the Nursing Study Program at the academic stage at STIKes Santa Elisabeth Medan (n=389)

Demographic data	F	%
Gender		
Man	39	10
Woman	350	90
Total	389	100
Level		
Nurse 1	97	24,9
Nurses 2	94	24,2
Nurse 3	85	21,9
Nurse 4	113	29
Total	389	100
Quota		
	F	%

Once	305	78.4
Never	84	21,6
Network	F	%
Stable	236	60,7
Unstable	153	39,3
Total	389	100

Based on table 1. it is known that the data obtained at STIKes Santa Elisabeth Medan were 39 male respondents (10.%) and 350 female respondents (90.%). So, the majority of Academic Stage Nurse Students at STIKes Santa Elisabeth Medan are 350 women (90%) and a minority of 39 men (10.%). And it is known that the data obtained at STIKes Santa Elisabeth Medan with a total of 389 respondents, namely Level 1 as many as 97 respondents (24.9%) Level 2 as many as 94 respondents (24.2%) Level 3 as many as 85 respondents (21.9%) Level 4 as many as 113 respondents (29.%). And it was found that students who got the Ministry of Education and Culture quota were as many as 305 respondents (78.4%) and did not get the Ministry of Education and Culture quota as many as 84 respondents (21.6%).

Table 2. Overall Category Distribution Table Description of the Ability of Nursing Students at the Academic Stage to Conduct Self Directed Learning Students of the Nursing Study Program at the Academic Stage of STIKes Santa Elisabeth Medan in 2022

Ability	F	%
Tall	269	69,2
Currently	120	30,8
Low	0	0
Total	389	100

Based on table 2, it was found that of the 389 respondents, the high category was 269 respondents (69.2%), the medium category was 120 respondents (30.8). And the low was 0.

Table 3. Frequency and Percentage Based on Self Directed Learning Indicators for Students of Nursing Study Program Academic Stage at STIKes Santa Elisabeth Medan Year 2022

No	Indicator	Tall		Currently		Low		Total	
		F	%	F	%	f	%	f	%
1	Awareness	263	67,6	126	32,4	0	0	389	100
2	Study strategy	277	71,2	109	28,1	3	0,7	389	100
3	Learning activities	198	51	188	48,3	3	0,7	389	100
4	Evaluation	258	66,3	131	33,7	0	0	389	100
5	Interpersonal skills	259	66,4	127	32,9	3	0,7	389	100

Based on table 3, it was found that student self-directed learning based on awareness indicators was in the high category of 236 respondents (67.4%), in the medium category 127 respondents (32.6%), and in the low category 0%. Based on the learning strategy indicators, there were 227 respondents (71.1%) in the high category, 110 respondents (28.2%) in the medium category, and 3 respondents (0.7%) in the low category. Based on the indicators of learning activities, there were 198 respondents (50.9%) in the high category, 189 respondents (48.4%) in the medium category, and 3 respondents (0.7%) in the low category. Based on the evaluation indicators, there were 258 respondents (66%) in the high category, in the medium category, 132 respondents (34%) and in the low category, 0%. Based on indicators of interpersonal skills in the high category, there were 259 respondents (66,

The results of research conducted by researchers at STIKes Santa Elisabeth Medan The results showed that 263 people (67.6%) had high awareness and 0 (0%) had low awareness. From this study, it was found that based on the awareness of doing the highest directed learning cell, it was 67.4%. Researchers assume that awareness is high because students are able to do learning in private and can

do learning seriously and are able to carry out learning methods well and view lecturers as facilitators in learning rather than just providing information and students are able to be responsible for independent learning and students are also able to learn without being ordered by the lecturer and having awareness within the student.

Pradika & Caraka, 2021 said that efforts to increase high self-directed learning in students are a big challenge to be carried out by individuals who are experiencing a process of developing towards a more mature or independent self that students who have high self-directed learning must have an awareness of their responsibilities in learning, believe self, have high curiosity, high enthusiasm, act independently and have a willingness to learn.

Research results on learning strategies showed that 227 people (71.2%) had high and 3 people (0.7%) low learning strategies. From this study it was found that based on learning strategies in carrying out self-directed learning the highest was 227 people (71, 2%). Researchers assume that learning strategies are high because students are able to participate in group discussions and students are also able to study together effectively and in encouragement from themselves students can lead to development and improve student learning. And students also choose modern educational technology in enhancing the learning process. Rachmawati, 2020 Says a self-directed learning learning strategy that takes into account the uniqueness of student learning styles and gives students autonomy in planning learning.

The self-directed learning model allows students to manage the learning process in the form of self-initiative, self-regulation, self-exploration, and freedom of learning to achieve optimal learning results and improve self-directed learning. Based on the results of observations on the learning that has been going on so far, it was revealed several things.

The results showed that 198 respondents (51%) were high and 3 respondents (0.7%) had low learning activity. From this study it was found that based on the highest self directed learning learning activity was 50.9%.

Ramadhani & Siregar, 2019 said that based on interpersonal skills doing self-directed learning, this research is in line with Rahmadani's 2019 research, which said an increase in learning activities where students are able to prepare the learning and teaching process with good problem-solving skills and can interact so that student learning activities in learning by using teaching materials has a positive category with this score indicating that students are very enthusiastic in learning, because the teaching materials used are conceptual and easily understood by students.

The results of the study found that the results of 258 people (66.3%) were high. From this study it was found that based on the evaluation of self-directed learning the highest was 66.3%. Ministry of Health of the Republic of Indonesia, 2015 said evaluating the percentage of interaction between students and lecturers during the online lecture period, namely students having good interaction when participating in online learning in lectures and the level of interaction is very high and there is interaction taking part in lectures. Identified from the open questionnaire given, there were several student statements stating the following: Lack of communication due to signal constraints. Because the signal does not support. This is a reflection in itself to improve lecturer services in facilitating students to study online.

The results of the study found that the results of 259 people (66.4%) were high and 3 people (0.7%) had low interpersonal skills. Suluswi et al., 2019 saying Interpersonal skills (soft skills) are used every day and in every area of student life. In fact, interpersonal skills are the foundation for mastering other skills, including self-directed learning skills. Students who have developed strong interpersonal skills are usually more successful in their professional and personal lives and not spared in their own studies either. Interpersonal skills with directed learning skills. Students are not aware of their learning, they will remain confident with their wrong answers. If so, students will feel no need to evaluate and re-check understanding

4. CONCLUSION

Based on the results of research on the description of the ability of students in the Nursing Study Program at the Academic Stage to carry out self-directed learning with 389 students, 269 students with high ability (69.2%), moderate 120 (30.8%) were obtained.

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