



The Need Analysis for Nursing English Speaking Materials for the First Semester's Student of Nursing Study Program

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Abstract

The objective of this research was to search the needs of Nursing English speaking materials for the first semester's student of Nursing Study Program at Poltekkes Kemenkes Bengkulu. The design of this research was a qualitative descriptive research. The populations of this research were doctors, nurses, and lecturers. The samples of this research were five doctors, five nurses, and five lecturers. The instrument used in this research was a questionnaire. The results of the research showed that there are three parts of the needs for nursing English speaking materials, that are Interactive communication for nurse in the hospital, Interactive communication for nurse to talk to the patient in the hospital, and Interactive communication for nurse to talk to the patient's family. For Interactive communication for nurse in the hospital there are three needs that are Vital signs, Patient's blood transfusion and infusion, and the endorsement. For Interactive communication for nurse to talk to the patient in the hospital there are four needs that are Patient's complete data, Doctor's instruction, Foods to be consumed, and prevent patient to do harmful actions. The last, for Interactive communication for nurse to talk to the patient's family there are three needs that are Medical records of the patient, the forbidden foods, and Take care of patient cooperatively.

Keywords: English for Specific Purpose, need analysis, nursing

Introduction

English language is one of the subjects taught in the formal education starting from the elementary school until university. Each institution has its own teaching and learning goals for English subject included in Nursing Department. The objective of English language teaching in Nursing Department is to enable the students with English skill related to their field study in nursing activities. They are expected to communicate actively and write appropriately in English. According to Davies (2000), the teaching of language also has its own goal in the learning process. Richards (2001:51), a need analysis appears in English language learning and teaching to meet specific needs of English learning focusing on certain specific needs generally known as English for Specific Purposes (ESP) and vocational programs. By referring to Nation and Macalister (2010: 25-26), Brindley (in Richards, 2001: 54), Brown (1995:35), and Richards (2001: 54), needs can be subjective or objective. Subjective needs are needs perceived by the learners. It can be necessities, lacks, wants, desires, and constraints. Objective needs can be goals or objectives, or discrepancy /gap/ deficiency between the actual and the ideal.

The researcher hopes this study will give advantages to everybody. It is expected that it can enrich their knowledge. By conducting this analysis, the result of this research is useful for Nursing



students, the reader, and the other researcher. For the Nursing student, studying this research, the nursing students are also expected to improve their knowledge about the language that will help them on their future career. For the reader, this research is expected to be useful for the reader to know how materials for the nursing students in Poltekkes Kemenkes Bengkulu can be appropriate. For other researcher, the result of this study is expected to be useful resource for the other researchers who are interested in conducting similar study and giving more knowledge about the English materials for the Nursing student.

Alinezhad and Gholami (2012) conducted a research with the aim to investigate the English Language needs of nursing students during their education, and nursing practitioners in the workplace (in Urmia). The result of this research indicated that English knowledge was really influential in participants' academic life and in professional life.

While, Freihat and Al-Makhzoomi (2012) conducted a study to explore the learning needs of nursing students in Jordan. The researcher used three procedures; interview, observation, and questionnaire. The researchers found that the participants have difficulty in communicating with clients in the various clinical settings, inability to follow through with step-by-step procedures, difficulty charting or documenting appropriately in clients' records, and accidentally misread the numbers written on the physician's orders. In the researchers' view, both social English and ESP enable nursing students to communicate in English with clients, colleagues and nursing supervisors of culturally and linguistically diverse backgrounds and enrich them as individuals.

Nursing students in Bengkulu still cannot compete with students from other provinces to be able to work in medical services in big cities or abroad. Whereas the opportunity to work as a nurse abroad is quite large. They are required to have the ability to communicate with the other people in their field including doctors and patients. One of the factors causing this problem is the ability of English speaking Nursing students in Bengkulu still weak.

The researcher would like to examine the needs for Nursing English materials in Poltekkes Kemenkes Bengkulu especially in speaking. The learners' needs revealed from this investigation could be the input for the English lecturer in Nursing study program in Poltekkes Kemenkes Bengkulu to develop an English lesson.

Research Methodology

The study adopted descriptive qualitative research. The researcher used a descriptive qualitative design of research because it is more appropriate than quantitative research to analyze Nursing English speaking material. All data were analyzed qualitatively and present descriptively

There were three groups population in this research. The first group was doctor. The second group was nurse and the last group was lecturer. This research used purposeful random sampling. The

samples of this research consisted of three groups. The first group was doctor, there were 5 doctors. The second group was nurse, there were 5 nurses. And the last group was lecturer, there were 5 lecturers. The samples only 5 for each group of samples because limited time and respondent that can be found by the researcher. The total numbers of samples in this research were 15 respondents.

The questionnaire was used in this research in order to gather the data about the learners' needs. The questionnaires those were used for obtaining the need of English speaking material for nursing student. This questionnaire constructed by consultation with the lecturers of Poltekkes Kemenkes. For making sure, in this research, the researcher also asked an expert, Azhar Aziz Lubis, S.Pd,M.Pd to judge whether the item of the instrument suit or not to the research in order to answer the research question of the research.

The data collected from the questionnaires were analyzed using frequency and percentage. The highest frequency and percentage from the options of the questionnaire determined the needs of Nursing English speaking materials.

The data were calculated using the following formula:

$$P (\%) : f / N(100)$$

Where:

P: percentage

N: total respondents f: frequency

a. Interval for Mean Interpretation

Due to the questionnaires give 5 alternatives (1 to 5) of the answers, the interval of each category was counted by the formula:

$$P = 100/n$$

P : length of interval

n : number of alternative

100 : constant number

Since, in this research used 5 alternatives, the p score was 20.

b. Interpretation

The table below described the score of interpretation:

Table 1. Mean Interpretation

Score	Interpretation
80%-100%	Very important
60%-77,99%	Important
40%-59,99%	Neutral

20%-39,99%	Unimportant
0%-19,99%	Very unimportant

Findings and Discussion

Findings

The results of questionnaire gained from data collection instrument. Firstly, doctors agreement, secondly nurses agreement and the last lecturers agreement were presented.

Table 2. The Needs Of Nursing English Speaking Material Based On The Highest Score

No	Respondents	Interactive communication for Nurse in the hospital	Interactive Communication for Nurse to Talk To the Patient In The hospital	Interactive Communication For Nurse to Talk To the Patient's Family
1	Doctors	<ol style="list-style-type: none"> 1. Vital signs 2. patient's blood transfusion and infusion 3. prescription of medicine 4. the progress patient's health 5. The patient's location / ward 6. the physical and psychological problems of the patient 7. The administration of medicine 8. The endorsement 9. Doctor's instruction 	<ol style="list-style-type: none"> 1. Introduce to the patient 2. Patients' identity 3. Duties and responsibilities to the patient 4. The patient's complete data 5. Doctor's instruction 6. Foods to be consumed 7. Prevent patient to do harmful actions 	<ol style="list-style-type: none"> 1. Medical records of the patient 2. The forbidden foods 3. Patient's condition 4. Take care of patient cooperatively
2	Nurses	<ol style="list-style-type: none"> 1. Vital signs 2. Patient's blood transfusion and infusion 3. The food and nutrition 4. The physical and psychological problems of the patient 5. Patient's condition 6. <ol style="list-style-type: none"> 1. Medicine administration 2. Medical progress report of patient 3. Taking medicine from pharmacy 4. First treatment of critical emergency 	<ol style="list-style-type: none"> 1. The job description of a nurse 2. Communicate with the patient in any form of need 3. History background of the patient's illness 4. The patient's complete data 5. Doctor's instruction 6. Foods to be consumed 7. Prevent patient to do harmful actions 	<ol style="list-style-type: none"> 1. Medical records of the patient 2. The past information of health of the patient 3. The forbidden foods 4. Patient's condition 5. Take care of patient cooperatively



		5. Medical diagnosis 7. The endorsement 8. Doctor's instructions		
3	Lecturers	1. Vital signs 2. Patient's blood transfusion and infusion 3. Prescription of medicine 4. 1. Medicine administration 2. Medical progress report of patient 3. Taking medicine from pharmacy 4. First treatment of critical emergency 5. Medical diagnosis 5. The endorsement	1. The job description of a nurse 2. Communicate with the patient in any form of need 3. The history background of the patient's illness 4. Patient's complete data 5. Doctor's instruction 6. Foods to be consumed 7. Prevent patient to do harmful actions	1. Medical records of the patient 2. The forbidden foods 3. Take care of patient cooperatively

From the table above, for *Interactive communication for Nurse in the hospital*, there were three needs that doctors, nurses, and lecturers agreed. For *Interactive Communication for Nurse to talk to the Patient In The hospital*, there were four needs that doctors, nurses, and lecturers agreed, and the last for *Interactive Communication for Nurse to talk to the Patient's Family*, there were three needs that doctors, nurses, and lecturers agreed. So the needs of Nursing English speaking materials, as follow

Table 3. The Needs of Nursing English Speaking Materials

No	The Needs Of Nursing English Speaking
1.	Vital signs
2.	Patient's blood transfusion and infusion
3.	The endorsement
4.	Patient's complete data
5.	Doctor's instruction
6.	Foods to be consumed
7.	Prevent patient to do harmful actions
8.	Medical records of the patient
9.	The forbidden foods
10.	Take care of patient cooperatively

From the table above, there were 10 needs of speaking materials for Nursing English. The result based on the highest score and the same needs from all the group of respondents.

Discussion

Speaking skill has highly important for the student of nursing department because after graduating they will interact with people in their daily work. Speaking is one of the skills that could



be useful for many majors because it transfers information, idea and thought (Syafryadin, 2020; Syafryadin, et al. 2020; Syafryadin, et al. 2020; Noermanzah, et al. 2020; Noermanzah, et al. 2020). This is line with Robinson (1991) who said that the student study English for study or work purposes. This has implications for the kind of materials on the course. Speaking is needed for nurses to function in their routine work. It is perhaps explained by the fact that speaking is important skill. That is because they need interact and communicate with others.

Based on the result of the research, for *Interactive communication for Nurse in the hospital*, from the agreement of doctors, there were nine needs of Nursing English speaking materials, but from the nurses, there were eight needs and from the lecturers, there were five need of English speaking material for nursing. So for *Interactive communication for Nurse in the hospital*, the researcher found that there were three needs of speaking materials for nursing English based on the highest score and the same needs from all the group of respondents. The first was vital sign. Second was blood transfusion and infusion. Nursing student need that materials because nurses have to be able report and explain the patient's progress about blood transfusion and infusion to the doctors. And the last was the endorsement. Nursing student need the speaking material about endorsement, endorsement is about the nurses exchange when their shift time is over.

For *Interactive Communication for Nurse to Talk To the Patient In The hospital*, from the agreement of doctors, there were seven needs of English speaking materials, from the nurses and lecturers also there were seven needs of speaking materials. So, the researcher found four needs of speaking materials based on the highest score and the same needs from all the group of respondents. The first was patient's complete data. The second was doctor's instruction. Third was foods to be consumed. Nursing student need this because nurses have to be able to explain what the food that patient to be consumed. And the last was prevent patient to do harmful action.

For *Interactive Communication For Nurse to Talk To the Patient's Family*, from the doctors, there were four needs for nursing English speaking materials. From the nurses, there were five needs and from the lecturers, there were three needs for nursing English materials. So, the researcher found there were three needs of speaking materials for nursing English based on the highest score and the same needs from all the group of respondents. First was medical record of the patient. Medical record of the patient needed by nursing student. They have to explain the medical record of the patient to the patient family. Second was the forbidden food. They have to be able explain what are the food that forbidden to consumed by the patient to the patient's family. And the last is take care of patient cooperatively. The nursing student when they become a nurse, they have to be able communicate well with the patient family to take care of patient cooperatively.

Conclusion and Suggestion



Based on the result and discussion, the researcher conclude that there are ten needs of Nursing English speaking materials such as vital signs, patient's blood transfusion and infusion, the endorsement, patient's complete data, doctor's instruction, foods to be consumed, prevent patient to do harmful actions, medical records of the patient, the forbidden foods, take care of patient cooperatively.

After doing this research, the researcher want to offers suggestions to English lecturers to provide speaking materials for the Nursing student based on the need of student. For further researcher who wants to conduct the same research can collect more information in needs analysis. It will make the investigation result more effective. Lastly, the further researcher also can explore students' needs of other majors such as political science, economic, and chemistry science. It will be very useful for those who want to design English materials.

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