PATIENTS’ SATISFACTION WITH NURSING COMMUNICATION (THERAPEUTIC COMMUNICATION) ON ADULT MEDICAL SURGICAL WARDS AT PROF. DR. MARNO SOEKARJO HOSPITAL OF PURWOKERTO, CENTRAL JAVA, INDONESIA

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BACKGROUND
Every individual communicates constantly from birth until death. All life processes are said to be central to communication. In nursing practice, communication is the vehicle for establishing a therapeutic relationship and communication is the means by which people influence another and thus is critical to the successful outcome of nursing interventions. Communication is very important because it could influence the level of patients’ satisfaction with health care services (Ricketts, 1996).

In recent years, taking account of the views of the consumer has...
permeated all public services and other organisations, which have a consumer-provider interface. Assessing patients’ satisfaction with health care services has been widely adopted as a notable indicator of quality care and is monitored regularly in many facilities (Donaghy et al., 2000). Yet, nursing therapeutic communication as a central concept of nursing activities in every area of nursing care services is incompletely monitored. Therefore, there is little evaluation of the therapeutic benefits of nursing communication and patients’ satisfaction with interaction with nurses in many different health care settings including on adult medical surgical wards. Meanwhile, “poor clinician communication with patients has been recognised as one of the most important sources of dissatisfaction in-patients” (Macleod, 1985; Ley, 1988; Davies & Fallowfield 1991, cited by Caris-Verhallen et al., 1999 p.1107 ). Whilst, “the one factor that is the biggest indicator of overall patient satisfaction with a hospitalisation experience has been identified as satisfaction with staff communication” (Ley, 1988 cited by Ricketts, 1996, p.481). Therapeutic communication is a very important issue in Indonesia. Anecdotal evidence suggests that the level of patients’ satisfaction with nurses’ therapeutic communication skills is still a predominant problem in day to day practice. In an unpublished study by Asrin et al (1999), it was found that 51% of nurses used therapeutic communication inappropriately. In their training, Indonesian nurses are given tuition in therapeutic communication techniques. However, this training in communication techniques are not necessarily being transferred to the clinical setting. Patient satisfaction surveys are one means by which nurses’ communication skills can be assessed. Therefore, it is very important to conduct routine satisfaction surveys to minimise problems and maximise opportunities for quality improvement (Ricketts, 1996). This study aims to fill the gap in knowledge regarding the level of patient satisfaction with nurses’ communication skills in Indonesia.

METHOD
This study used a non-experimental cross sectional pilot study with a quantitative approach. A descriptive design was selected as it was considered an appropriate method to answer the study questions.

Two hundred and forty two patients (n = 242) who were hospitalised in medical surgical wards at the Prof. Dr. Mangono Soekarjo Hospital of Purwokerto with the following criteria: age 18 years or over, able to read the questionnaire, hospitalised for three days minimum, and able to self-complete the questionnaire were invited to participate in this study.

Although this sample size was intended to be a convenience sample, the researcher did examine the total number of patients that the hospital discharged from medical – surgical wards over a three-month period. This was considered to estimate a reasonable potential sample size. The population of this study came from areas of Western Central Java such as Banyumas, Purbalingga, Banjarnegara, Wonosobo, Kebumen, Cilacap, Pekalongan, Brebes, and Tegal regencies and some of them came from the Eastern area of West Java such as Cirebon, Ciamis, and Banjar regencies.

In order to collect data from participants, a questionnaire was developed by the researcher as a search of relevant literature failed to identify a
suitable instrument for this study. This was considered to be the most effective way to collect data from a large sample in a short period of time. The content of questionnaire was determined by themes identified from therapeutic communication techniques that were developed by Stuart and Sundeen (1995) and the researcher personal experience as a nursing lecturer and practicing nurse. The questionnaire was structured and contained sections regarding demographic information (gender, age, and level of education), the perceptions of patients on adult medical surgical wards of the therapeutic value of conversations they have had with nurses, and the level of patient satisfaction in relation to these communication. Although, there are a number of disadvantages associated with using a questionnaire, there are also some advantages that can be considered, such as a questionnaire is much less costly and require less time and energy to administer, a questionnaire can provide greater possibility of complete anonymity, and participants are able to fill in the questionnaire without the attendance of the researcher thus reducing the possibility of bias in the responses that reflect the respondent’s reaction (Polit & Hungler, 1993). The participants were asked using a Likert scale to rate their experience of conversation with nurses on a scale of 1 being never (N) and 4 being always (A). They were also asked to rate their satisfaction level with these conversations by using a Likert scale on a scale of 1 being highly dissatisfied (HDS) and 4 being highly satisfied (HS). The questionnaire was translated from English into Indonesian. Burns & Grove (1997, p. 378) stated that "translating an instrument from the original language to a target language is a complex process and the goal of translation is to allow comparisons of concepts among respondents of different cultures". To ensure in maintaining meaning and cultural content, two translators who are very familiar with both English and Indonesian were used to translate the questionnaire. Space was provided at the end of the questionnaire for the participants to make any additional comments.

The process of data collection had been started by advertising the study in all medical surgical wards and inviting potential participants to take part in the research. Those who wanted to participate in this study were suggested to contact the data collectors or researcher to request a questionnaire. The questionnaire had been given to them before they were discharged and it had been suggested that they completed the questionnaire away from the presence of any nursing staff, so, they could freely express their feeling without any interfere from other people. Then, the questionnaire can be placed by the participant into the locked boxes provided on their ward. All boxes will be taken and opened in one day by the researcher when 242 questionnaires have been handed out to the potential participants. The data collectors in this study were some of my colleagues from my office (the Nursing Academy of Purwokerto). They have a qualification as lecturers and they did not work as nurses at this hospital. The researcher had met with the data collectors prior to the commencement of data collection to advise them of the procedures and how to contact me on the days of data collection. The researcher on location upon the data collection period to supervise
them.

Data analysis for the purpose of this study was conducted to summarise the finding. Burns & Grove (1997) consider that data analysis of explorative or descriptive studies such as this research only require summary statistics.

In this study, the data from the questionnaire was analyzed using the computer, using summary statistic. Frequency distributions were conducted for each variable of the questionnaire. Cross tabulations were conducted between relevant variable to identify possible relationships and trends in the data. There were not any missing data of this study. All data has been reported in the findings.

**FINDINGS AND DISCUSSION**

This part will discuss the most important findings of the study. The findings are presented in sections, with each section relating to the following research questions:

1. What is the population profile of patients hospitalised in adult medical surgical wards at Prof. Dr. Margono Soekarjo Hospital of Purwokerto, Central Java, Indonesia?
2. How beneficial do patients perceive the conversations they have with nurses to be during their hospitalisation?
3. How do patients rate their level of satisfaction with conversations they have had with nurses?
4. Are there any differences in levels of satisfaction between different demographic groups (gender, age, and level of education)?

This part will conclude by considering the strengths and limitations of the study and by making recommendations for further research, future educational needs of nurses and the implications for clinical practice.

**Population Profile**

The study participants were patients hospitalised in adult medical surgical wards at Prof. Dr. Margono Soekarjo Hospital of Purwokerto, Central Java, Indonesia. The following section will discuss the findings related to the research question: “What is the population profile of patients hospitalised in adult medical surgical wards at Prof. Dr. Margono Soekarjo Hospital of Purwokerto, Central Java, Indonesia?”

The analysis of demographic data was conducted and there were no significant findings to be further discussed. However the demographic profile did assist the researcher in gaining an insight into the background of participants in the study and could be seen to be a typical demographic profile of an Indonesian population of hospitalized patients.

**Patients' Perceptions of the Value of Nurses Verbal and Non-Verbal Communication Skills.**

The following section will discuss the findings related to the research question: “How beneficial do patients perceive the conversations they have with nurses to be during their hospitalisation?”.

It was obvious from the findings that although the majority of participants (64.9%) perceived that nurses communication was positive (participants suggesting that the communication style occurred often or
always), over one third (35.1%) of their responses were never or rarely to receiving effective communication. This was a relevant finding supported by many studies. Much of the research about how nurses communicate suggests that poor communication skills are common (Bond, 1978; Macleod Clark, 1982; Wilkinson, 1991). This might be caused by the limited time spent with patients and conversations tending to concentrate on the physical tasks performed: emotional and psychosocial issues may hardly be mentioned at all (Macleod & Clark, 1982), minimum knowledge and experience (Wilkinson, 1991), and the amount of training and educational level of nurses (Caris-Verhallen et al., 1999). Early work by Menzies (1961) demonstrated how nurses avoid close contact and emotional engagement with patients in order to reduce their exposure to upsetting and possibly damaging stressors. Menzies also observed how the institutional and professional cultures in which nurses work inhibit and devalue nurse-patient intimacy. Moreover, Burnard and Morrison (1991), sought to identify the key factors underpinning nurses' perceived failure to communicate. These include the organisational culture, a lack of time, the emotional cost to the nurse, a view of nursing as a practical task orientated profession and emphasis on communication solely as a means of providing information.

The Level of Patients's Satisfaction in relation to Nursing Communication.

The following section will discuss the findings related to the research question: "How do patients rate their level of satisfaction with conversations they have had with nurses?".

The majority of participants' responses rated their response to level of satisfaction with conversations they had with nurses as either satisfied or highly satisfied (88.4%). This was an unexpected finding not supported by other studies. McColl et al. (1996), reported in their study of patient satisfaction with nursing care, that problems with information provision by nurses were indicated most frequently, with 23.6% of all patients feeling that nurses gave them insufficient information about their treatment, 13.1% stating that information was not given when needed and 11.2% perceiving that nurses failed to explain what was wrong with them. A literature review by Caris-Verhallen et al. (1999) focused on the patients' interaction level, and also presented findings about the amount and frequency of nurse-initiated communication. The main conclusion of these reviewed studies was that interaction between nurses and patients was low. Also, in surveys over the past two decades (Leino-Kilpi, 1993; Daniels, 1989; Hewitt, 1981), patients have consistently rated poor communication as the number one cause of dissatisfaction with hospital care. Furthermore, Ricketts (1996) explored general satisfaction and satisfaction with nursing communication on an adult psychiatric ward. He reported that of 50 participants, 23 clients were identified as being dissatisfied and 11 clients were very dissatisfied with nursing communication. All these researchers have found a paucity of discussion of satisfaction level with nursing communication in nursing research and indicate a low level of patients' satisfaction in relation to nursing communication.

The opposite finding of this study from some earlier studies is probably due
to the environment of culture of participants. As mentioned by Dawes (1986) cited by Arthur et al (1999, p. 30) “Culture, which is multifaceted and variable, is an important factor in communication” and “the culture from which individuals come affects the way they communicate” (Gudykunst, 1988 cited by Arthur et al, 1999, p. 30). In their cultural life, Javanese people have positive attitude in appreciating something that they have received. Also, they have difficulty in saying “no” to refuse. Therefore, it could be these factors that influenced the participants’ positive responses in this study.

The Differences in Levels of Satisfaction between Different Demographic Groups (gender, age, and level of education).

The following section will discuss the findings related to the research question: "Are there any differences in level of satisfaction between different demographic groups (gender, age, and level of education)?".

The differences of satisfaction level between males and females.

A study by Rydman et al (1997) emphasized caution and careful planning of the type and method of measurement in the evaluation of patient satisfaction with health care, and found that women tend to be more satisfied with their health care. Uzun (2001) by using the SERVQUAL scale was able to determine patient satisfaction with nursing care. He found that females gave higher scores than did males. Similarly, in this survey, female (45.1%) respondents reported slightly higher levels of satisfaction than males (43.4%). However this study did not clarify the reasons for this perception.

The differences of satisfaction level in different age groups of respondents.

The study results provided evidence for the multidimensionality of patient satisfaction questionnaires that were specifically tailored to client characteristics.

Rydman et al (1997) assessed patient satisfaction with an Emergency Department Chest Observation Unit (CPOU). They found older patients to be more satisfied with their health care. Similarly, a study by Raper et al (1999) measured patient satisfaction with Emergency Department Triage Nursing Care. They found that older, nonwhite patients treated at the academic medical center reported higher patient satisfaction and loyalty. A similar study (Young et al, 2000) examined the extent to which a patient’s satisfaction scores are related to both his/her demographic characteristics and the institutional characteristics of the health care organisation where care was received. The findings showed several demographic characteristics were significantly associated with satisfaction score. For example advancing age was significantly associated with higher satisfaction scores. Moreover, Uzun (2001) determined the level of patient satisfaction with nursing care at a University Hospital in Turkey. He found that patients between the ages of 18 and 34 gave the lowest rating on each dimension using the SERVQUAL scale, and patients aged between 50 - 64 and > 65 gave the highest ratings. Interestingly, all these studies were relevant to and supported this study findings that showed 43.4% of the responses of respondents of 18 - 40 years old
indicated satisfied or highly satisfied with nursing communication and 45.0% the responses of respondents of the more than 40 years old group indicated either satisfied or highly satisfied. An earlier study by Grob et.al (1978) also reported the relationships among demographic variables. Their study concluded that the older the patient, the better his/her level of functioning at follow-up and the more satisfied the patient and relative were with care received. It was obvious from the findings that elderly patients tended to be more satisfied with the nurses' communication. This could be related to a decrease in overall physical ability factor and/or the greater sensory deficit of patients arising from this age group. McColl et.al (1996) cited by Walsh and Walsh (1999, p.309) mentioned that "older people and those with less education may be less critical of care than better educated and younger patients". Greene et.al (1994) predicted that there may be barriers to communication due to sensory deficits.

The differences of satisfaction level between different educational background of respondents.

The relationship between satisfaction and variables such as gender, ethnic origin, social class, level of education, family size, income level, and other demographic characteristics have been explored by many studies and the results of these studies were relatively inconsistent (Staniszewska & Ahmed, 1999). This study showed that the respondents with a Primary School educational background indicated the highest levels of satisfaction with the therapeutic communication techniques used by nurses (911 [31.4%] felt satisfied or highly satisfied). This was a relevant study finding and supported by the findings of Uzun (2001) that determined sociodemographic characteristics of patients (age, gender, and education level) would effect overall patient satisfaction. Uzun (2001) found that patient with college-level education had lower scores than did those who had lower levels of education such as primary school and high school. Uzun (2001) suggested that the higher the educational level of the respondent the more dissatisfied the respondent would be with the nursing care they received. This could be related to the supposedly greater critical ability that they have learnt. McColl et.al (1996) argued that people with less education might be less critical of care because they lack the knowledge of nursing which would allow them to make a judgement about quality according to the criteria.

STUDY CONCLUSION

This study has identified the patients' perceptions of the value of nurses' verbal and non-verbal communication skills, the level of patients' satisfaction in relation to nursing communication, and the differences in levels of satisfaction between demographic groups (gender, age, and level of education). There were no significant differences of this study findings and some previous similar studies. The findings arising from this study are supported by the larger body of literature. The finding showed an ineffective communication still occur in every day practice of nurses at the Prof. Dr. Margono Soekarjo Hospital of Purwokerto. However, the majority of participants felt satisfied with conversations they had with nurses. This was a surprising finding not supported by
other studies. It could be influenced by Javanese cultural situation, which is more appreciative of nurses’ care. Moreover, female tend to more satisfied than male in receiving communication. The older people responded higher level of satisfaction with nursing communication than the younger people. Also, people who have low level of education tended to express the positive feeling for their communication with nurses. Although this study is one of the first that has focused upon the area of therapeutic nursing communication in Indonesia, it has indicated that there is a need for changes to the educational preparation of the Indonesian nursing student, supportive education for existing nurses and changes to practices especially in the area of time dedicated by nurses to individual patients. The study findings suggest the need for further study in this important area.

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