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Efforts to Improve Dental Nurse Knowledge in the Success of the Integrated Ante Natal Care Program At Puskesmas In Indonesia

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ABSTRACT Cross-programme cooperation between the Maternal and Child Health (MCH) room and the Dental and Oral Health room is one form of cooperation that is quite influential on the level of oral health of pregnant women. Cross-programme cooperation between the Maternal and Child Health (MCH) room and the Dental and Oral Health room is one form of cooperation that is quite influential on the level of oral health of pregnant women. MCH which is a form of Puskesmas main activity is not only tasked with recording or knowing early all abnormalities or cases or complaints found in hard tissue and soft tissue in the oral cavity of pregnant women, but MCH also provides referral efforts to the Dental and Oral Health room for oral health care involving the role of dentists and dental nurses. MCH which is a form of Puskesmas main activity is not only tasked with recording or knowing early all abnormalities or cases or complaints found in hard tissue and soft tissue in the oral cavity of pregnant women, but MCH also provides referral efforts to the Dental and Oral Health room for oral health care which involves the role of dentists and dental nurses. This community service aims to increase the knowledge of dental nurses in supporting integrated ANC at the Lamongan Regency Health Centre, various factors that affect the performance of dental nurses in the implementation of integrated ANC. The targets and outcomes achieved in this service are: increased knowledge of dental nurses about Ante Natal Care (ANC) and dental and oral diseases as well as systemic diseases related to pregnancy in increasing K1 visits of pregnant women at Puskesmas. This community service is to increase the knowledge of dental nurses by providing training and module preparation for dental nurses working at Puskesmas in the Lamongan Regency area as an implementation of research conducted by Hidayati (2019) entitled The Dental Nurse Performance Model in the implementation of the Integrated ANC programme for pregnant women's visits to the Dental Treatment Centre at Puskesmas.

INDEX TERMS dental nurses' knowledge, Ante Natal Care (anc) programme, community health centres

I. INTRODUCTION

Puskesmas is a health unit that provides health services to the first level of society in its area. One of the activities carried out by the puskesmas is Integrated Antenatal Care (Integrated ANC) which is a comprehensive and quality antenatal service provided to all pregnant women including promotive, preventive, as well as curative and rehabilitative services which include MCH services, nutrition, control of infectious diseases (immunisation, HIV/AIDS, TB, malaria, sexually transmitted diseases), non-communicable (hypertension, diabetes mellitus), pregnant women who experience violence during pregnancy and other specific programs as needed (Ministry of Health RI, 2012).

Cross-programme cooperation between the Maternal and Child Health (MCH) room and the Dental and Oral Health room is one form of cooperation that is quite influential on the level of oral health of pregnant women. MCH which is a form of Puskesmas main activity is not only tasked with recording or knowing early all abnormalities or cases or complaints found in hard tissue and soft tissue in the oral cavity of pregnant women, but MCH also provides referral efforts to the Dental and Oral Health room for oral health care (Permenkes, 2014). Partners in this case the Lamongan District Health Office as the holder of the Integrated K1 ANC programme so that it can play an active role in this case is the superior of the dental nurse. Puskesmas is a health unit that provides health services at the first level of society in its area. One of the

activities carried out by the puskesmas is Integrated Antenatal Care (Integrated ANC) which is a comprehensive and quality antenatal service provided to all pregnant women including promotive, preventive, as well as curative and rehabilitative services which include MCH services, nutrition, control of infectious diseases (immunization, HIV/AIDS, TB, malaria, sexually transmitted diseases), non-communicable (hypertension, diabetes mellitus), pregnant women who experience violence during pregnancy and other specific programs as needed (Ministry of Health, 2012). Cross-program cooperation between the Maternal and Child Health (MCH) room and the Dental and Oral Health room is one form of cooperation that is quite influential on the level of oral health of pregnant women. MCH, which is a form of Puskesmas main activity is not only tasked with recording or knowing early all abnormalities or cases or complaints found in hard tissue and soft tissue in the oral cavity of pregnant women, but MCH also provides referral efforts to the Dental and Oral Health room for oral health care (Permenkes, 2014).

Previous research by A.Fulani (2016) in Ghana suggests that quality ANC will reduce the likelihood of stillbirth, the ability of officers to intervene and the availability of facilities are other supporting factors. Another study by Elvira 2012 that antenatal care training for midwives will be able to improve knowledge and skills in providing antenatal care.

Oral and dental health services at the Dental Clinic are supported by health workers who carry out their duties professionally in accordance with their authority. Dental nurses can carry out health services, especially dental and oral nursing care services at Puskesmas by having professional authority according to their authority. Oral health care services are planned dental and oral health services, aimed at certain groups that can be followed within a certain period of time, held on an ongoing basis in the fields of promotive, preventive, and simple curative provided to individuals, groups, and communities. In order to achieve self-care ability in the field of oral health, optimal oral health should start from oneself. Everyone should care about their own health. After he cares about his own health, it is hoped that he will be able to be an example for others, both in the family and in the community in oral health. Here are some basic skills in individual oral health:

Dental nurses at Puskesmas as the spearhead of dental and oral health services, especially in the fields of promotive, preventive and simple curative, should have a role in the success of the integrated ANC program. based on several reports, it was stated that there were still K1 pregnant women who did not come to the dental BP after receiving services at KIA. whereas every K1 pregnant woman who comes to check her pregnancy at KIA should have her teeth checked by the Dental BP (ANC Guidelines, 2016). Another study by Elvira 2012 that antenatal care training for midwives will be able to improve knowledge and skills in providing antenatal care.

Based on diagram 1 above, it is known that there is an increase in the percentage of knowledge of dental nurses in the Lamongan Regency area about Integrated ANC before and after the intervention of community service activities through counselling and training activities for dental nurses.

c. The type of Community Service that will be carried out in this activity is in the form of increasing knowledge in the form of education to dental nurses as health workers.

From the results of research conducted in 2019, it was found that the performance model of dental nurses in the implementation of integrated ANC visits of K1 pregnant women to BP Gigi at Puskesmas in order to increase visits of K1 pregnant women in the Integrated ANC program to BP Gigi. The performance model of dental nurses in an effort to increase the visit of pregnant women K1 integrated ANC program is expected to increase the role of dental nurses in order to succeed the Integrated ANC program at the Puskesmas. A fit model was obtained with a model fit index x^2 : 518.013 which can predict factors that affect the performance of dental nurses. Where the performance of dental nurses in supporting integrated ANC (increasing the achievement of visits by pregnant women K1 integrated ANC program to BP Gigi at Puskesmas) is the quality of work and initiative of the dental nurses themselves. To improve the initiative and quality of work of a dental nurse, it is necessary to make a mudul as a work guide for dental nurses in order to increase integrated ANC visits at the Dental Treatment Centre at Puskesmas.

II. METHOD AND IMPLEMENTATION

A. METHOD

The type of Community Service that will be carried out in this activity is in the form of increasing knowledge in the form of education to dental nurses as health workers. The purpose of this knowledge improvement is that dental nurses have sufficient knowledge and are health workers who can play a role in providing education and knowledge to pregnant women in their respective Puskesmas work areas..

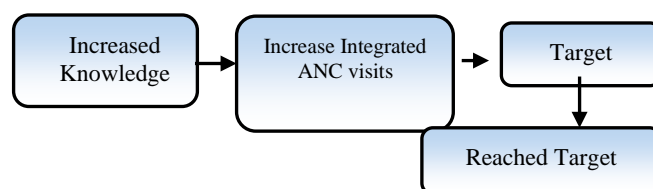


Figure 1
Solution Framework to solve the problem of low integrated ANC visits to community health centre dental nurses in Lamongan district.

Training of dental nurses on their role as spearheads in increasing Integrated ANC visits. Then, providing materials on Approach to pregnant women and Integrated ANC with a consequent model. Providing materials on Integrated ANC at the health centre, and systemic diseases during pregnancy. Dental nurses working at community health centres in the

Lamongan district spearhead the increase in integrated K1 ANC visits. strategic target. The method of Community Service activities that will be carried out in this activity is in the form of increasing knowledge in the form of education to dental nurses as health workers. The Community Service scheme used is the Community Partnership Programme (PKM) scheme which aims to increase the knowledge of the target activities. Community Service Partners in this activity are dental nurses who work at Puskesmas in the Lamongan Regency area. Evaluation of dental nurses' knowledge and skills regarding Integrated ANC evaluation to the Puskesmas to determine the increase in Integrated ANC visits.

B. IMPLEMENTATION

Improving dental nurses' knowledge of Integrated ANC at Puskesmas in relation to low K1 visits of pregnant women in Lamongan district was carried out using the following methods:

1. Conveying the aims and objectives of community service activities for dental health workers, namely dental nurses who work at Puskesmas in the Lamongan Regency area.
2. Delivering a letter of permission for the activity
3. Coordinate with the Lamongan Regency Health Office and dental health workers in this case Puskesmas dental nurses in the Lamongan Regency area
4. Preparation of facilities and infrastructure for community service activities
5. Implementation of community service



Figure 1

Registration of dental nurse participants in lamongan district



Figure 2

Opening activities



Picture 3.

Opening (head of the lamongan Health department, and chairman of the committee)



Figure 4

Briefing of (integrated ANC at the health centre

6. Evaluation of target knowledge of community service activities.

The performance of dental nurses in supporting integrated ANC (increasing the achievement of visits by pregnant women K1 integrated ANC program to BP Gigi at Puskesmas) is the quality of work and initiative of the dental nurses themselves. To improve the initiative and quality of work of a dental nurse, it is necessary to create a module as a work guide for dental nurses in order to increase integrated ANC visits at BP Gigi Puskesmas.



Figure 5
Activity evaluation



Figure 6
Opening activities

The type of Community Service that will be carried out in this activity is in the form of increasing knowledge in the form of education for dental nurses as health workers. The Community Service scheme used is the Community Partnership Programme (PKM) scheme which aims to increase the knowledge of the target activities. Community Service Partners in this activity are dental nurses who work at Puskesmas in the Lamongan Regency area. Improving dental nurses' knowledge of Integrated ANC at Puskesmas is related to the low K1 visits of pregnant women in the Lamongan Regency area.

The next activity is to evaluate the activities that have been carried out by the servants. Based on the results of the evaluation carried out by the servants by giving a post-test, it can be seen that the knowledge of dental nurses has increased.

III. RESULT AND DISCUSSION

1. The results of the evaluation of the knowledge of dental nurses working at the Puskesmas in the Regency Region

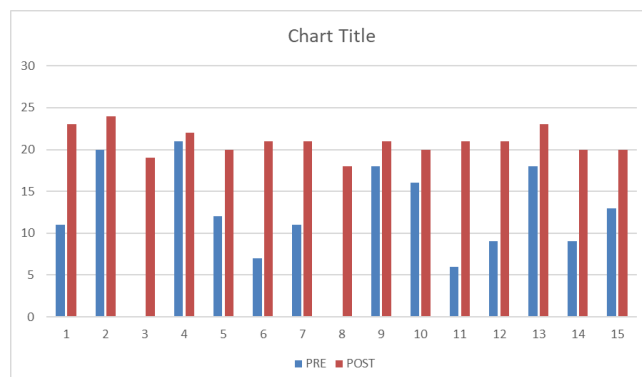


Diagram 1

Percentage increase in knowledge of dental nurses working at Puskesmas in lamongan district based on questions

Based on diagram 1 above, it is known that there is an increase in the percentage of knowledge of dental nurses in the Lamongan Regency area about Integrated ANC before and after the intervention of community service activities through counselling and training activities for dental nurses.

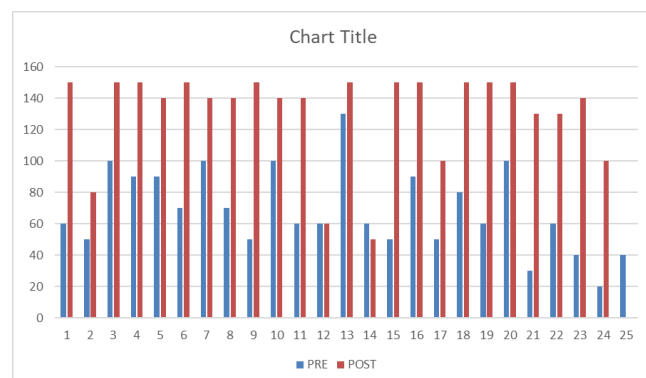


Diagram 2.

Percentage increase in knowledge of dental nurses working at Puskesmas in lamongan district based on participants

Based on diagram 2 above, it is known that there is an increase in the percentage of knowledge of dental nurses in the Lamongan Regency area about Integrated ANC before and after the intervention of community service activities through counselling and training activities for dental nurses.

There is an increase in the percentage of knowledge of dental nurses in the Lamongan Regency area about Integrated ANC before and after the intervention of community service activities through counselling and training activities for dental nurses. Factors that support the success of increasing knowledge are Internal factors (Individual Characteristics): age, education level, tenure, knowledge, abilities, skills.

Psychological factors include perception, attitude, personality, motivation, job satisfaction. External factors include completeness of facilities, acceptability, organisational support, and leadership style.

The weakness of this activity is that many factors influence the performance of dental nurses in increasing K1 Integrated ANC visits. In addition to internal factors, there are also external factors and psychological factors, which are confounding factors of this study. In addition to training, technical competence is also illustrated in the regularity of health workers who provide Integrated ANC services following work procedures (SOP). Compliance is the obedience to do something that is recommended and disciplined. Compliance relates to a person's behavior towards a predetermined order.

IV. CONCLUSION

This community service aims to increase the knowledge of dental nurses in supporting integrated ANC at the Lamongan Regency Health Centre. There is an increase in the knowledge of dental nurses working at Puskesmas in Lamongan Regency in maintaining oral hygiene about maintaining oral hygiene before and after the intervention of community service activities through dental nurse training. It is recommended that there are other sustainable promotive activities aimed at changing the behaviour of the community to be able to maintain and maintain their oral health independently and get used to healthy behaviour. And then, further guidance is needed for dental nurses working at Puskesmas to work across programmes in collaboration with KIA, referring every pregnant woman to have her teeth checked.

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