

# THE EFFECT OF DIRECT INSTRUCTIONAL TRAINING MODEL ON BREASTFEEDING PREPARATION KNOWLEDGE AND SKILLS IN PREGNANT WOMEN AT IDAMAN PADANG CLINIC

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#### ABSTRACT

**Background:** Preparation for breastfeeding is the knowledge and skill in pregnant women to give breast milk to the baby without any additional food or drink except drugs and vitamins, for 6 consecutive months. Cases of low knowledge and skills of breastfeeding preparation in pregnant women every year increase. Based on Data and Information on Indonesia's Health Profile in 2022, the coverage of Exclusive Breastfeeding increased to 55.4%, but data from the Padang City Health Office in 2022 the coverage rate of Exclusive Breastfeeding was 73.7%. This is far below the national target of 80%. Preparation for breastfeeding should be started when pregnant women are physically by paying attention to nutrition, getting enough rest, and preparing the breasts by doing breast care. Psychological preparation by believing that she is ready to breastfeed, able to produce enough milk for her baby and getting support from the surrounding environment and health workers. **Objective:** To improve the knowledge and skills of pregnant women about breastfeeding preparation using the Direct Instructional Training model which is one way to improve the knowledge and skills of pregnant women about breastfeeding preparation, so that pregnant women have basic knowledge to produce good breast milk. Method: This study used quasi-experiments. Data using questionnaires and observation sheets. Statistical tests using t-tests. Data analysis was presented to illustrate the Effect of Direct Instructional Model Training on the Knowledge and Skills of Pregnant Women on Breastfeeding Preparation at Idaman Clinic in Padang City. Result: The results showed that there were differences in knowledge and skills of pregnant women in preparing for breastfeeding after being given direct instructional training (p =0.000). Conclusion: Research is expected to provide direct benefits by increasing the knowledge and skills of pregnant women in preparing themselves for breastfeeding before giving birth, as well as increasing the rate of exclusive breastfeeding for infants in Indonesia.

#### Keywords : Knowledge; Skills; Direct Instructional

#### INTRODUCTION

The readiness of pregnant women to exclusively breastfeed is a serious problem in Indonesia. Knowledge and skills of breastfeeding preparation in pregnant women are still low, thus impacting the nutritional status of children. According to Basic Health Research, only 55.4% of infants receive exclusive breastfeeding for up to 6 months, while the national target is 80%.<sup>1,2</sup> Although in Padang City, the achievement of exclusively breastfed babies reached 73.7%, but the rate dropped dramatically at the Padang dream clinic in 2022, with an exclusive breastfeeding coverage rate of 34.7%.<sup>3,4</sup> This is due to the lack of knowledge and skills of pregnant women in preparing themselves for breastfeeding before giving birth. Therefore, the study aims to examine the effect of direct instructional training model on knowledge and skills of breastfeeding preparation in pregnant women in Padang dream clinic. This emphasizes the importance of knowledge and skills of pregnant women in preparing exclusive breastfeeding.<sup>5</sup> Preparation for breastfeeding should be started when the mother is physically pregnant by paying attention to nutrition, getting enough rest, and preparing the

http://ojs.unud.ac.id/index.php/eum doi:10.24843.MU.2023.V12.i10.P03 breasts by doing breast care.<sup>6</sup> Psychological preparation by believing that she is ready to breastfeed, able to produce enough milk for her baby and get support from the surrounding environment and health workers.<sup>7</sup> Based on observational data at the dream clinic, there has been an increase in cases of low readiness of pregnant women in breastfeeding. In 2020 there were 12 cases, in 2021 there were 15 cases and in 2022 it increased again to 19 new cases. In January and February 2022, they experienced poor growth and nutrition in toddlers.8, 9, 10 The problem-solving approach in this study is to provide a direct instructional training model to pregnant women at the Padang dream clinic to improve knowledge and skills of breastfeeding preparation, in the hope of increasing the rate of exclusive breastfeeding for infants. Thus, the research is expected to provide solutions in overcoming the problem of low levels of exclusive breastfeeding in Indonesia, especially in Padang City.

The state of the art regarding this research is that low rates of exclusive breastfeeding for infants are still a serious problem in Indonesia.<sup>11</sup> This has an impact on children's nutritional status, which can lead to a variety of health and developmental problems.<sup>12</sup> Despite efforts to increase the rate of exclusive

breastfeeding, the resulting achievements are still far from the national target.<sup>13, 14</sup> One of the efforts that has been made is to provide education and training to pregnant women on the importance of exclusive breastfeeding and breastfeeding skills.<sup>15</sup> The novelty of this research lies in the use of a direct instructional training model aimed at pregnant women at the Padang dream clinic. The Direct Instructional Training Model is one way to improve the knowledge and skills of pregnant women about breastfeeding preparation, so that pregnant women have basic knowledge to produce good breast milk.<sup>16,17</sup> In addition, the direct instructional method uses modules as a way of delivering material, where the material is arranged in such a way that participants are active in learning it.<sup>18</sup> The Direct Instructional Training Model (DITM) is a comprehensive approach to help pregnant women prepare for breastfeeding.<sup>19</sup> This involves providing expectant mothers with information and support about breastfeeding, as well as practical skills training to help them develop the confidence and knowledge they need to successfully breastfeed their babies.<sup>20, 21</sup> Through DITM, expectant mothers can learn about the benefits of breastfeeding, how to properly attach the baby to the breast, and how to deal with common problems that may arise during breastfeeding.<sup>22</sup>

# MATERIALS AND METHODS

This study used quasi-experiments. This study was conducted to determine the knowledge and skills of prospective mothers before and after being given treatment in the form of providing training with direct instructional techniques. This study compared two groups of expectant mothers, namely the intervention group (the group given direct instructional training) and the control group (the group that was not given direct instructional training). Quasi-experimental research is aimed at revealing the effect and intervention / treatment on subjects and measuring the results of the effect of the intervention.<sup>23</sup> Taking research data by taking all prospective mothers who are in the Idaman Clinic area of Padang City. The intervention and control group research technique was carried out by giving a lottery to prospective mothers then made in the intervention group and control group, who got the intervention lot into the intervention group and who got the control lot into the control group. Data using questionnaires and observation sheets. Statistical tests using t-tests. Data analysis was presented to illustrate the Effect of Direct Instructional Model Training on Pregnant Women's Knowledge and Skills on Breastfeeding Preparation at Idaman Clinic in Padang City.

# RESULT

This study used the research design "Quasi Experimental Pre-Post Test With Control Group" with direct instructional intervention. Simple Random Sampling research technique, namely the intervention and control group research technique is carried out by giving a lottery to 30 people samples then made in the intervention group and control group, who gets the intervention lot into the intervention group and who gets the control lot into the control group. So that it can be divided into both intervention groups of 30 people and control groups of 30 people.

The characteristic variables of pregnant women have 3 subvariables, namely age, education level and occupation, the three sub-variables are categorical data so that they are analyzed using percentages and displayed with frequency distribution tables. The overall characteristic results can be seen in table 1.

| Table 1. Frequency distribution of characteristics of control group respondents and intervention group based on age, education level |
|--------------------------------------------------------------------------------------------------------------------------------------|
| and occupation of pregnant women at Idaman Padang Clinic $(n = 30)$                                                                  |

| No | Characteristics of Respondents     | Contro | l Group | Interventi | on Group |
|----|------------------------------------|--------|---------|------------|----------|
|    | -                                  | f      | %       | f          | %        |
| 1  | Age                                |        |         |            |          |
|    | a. 20-24                           | 18     | 60,00   | 15         | 50,0     |
|    | b. 25-30                           | 7      | 23,3    | 8          | 26,7     |
|    | c. 31-35                           | 5      | 16,7    | 7          | 23,3     |
| 2  | Education Level                    |        |         |            |          |
|    | a. Elementary School<br>Graduation | 1      | 3,3     | 9          | 30,0     |
|    | b. Junior Secondary<br>Graduation  | 5      | 16,6    | 9          | 30,0     |
|    | c. High School<br>Graduation       | 22     | 73,3    | 11         | 36,6     |
|    | d. College Graduation              | 2      | 6,6     | 1          | 3,33     |

The hypothesis can be formulated as follows :

1. Whether the knowledge and skills of pregnant women before and after following the direct instructional training model differ significantly?

 

 Table 2. Distribution of Knowledge and Skills of Pregnant Women Before and After Attending Direct Instructioanal Training Module for Pregnant Women at Idaman Padang Clinic Paired Samples Test

|        |                                                | Paired Differences |                   |                      |           |                                  |         |    |                            |
|--------|------------------------------------------------|--------------------|-------------------|----------------------|-----------|----------------------------------|---------|----|----------------------------|
|        |                                                | Mean               | Std.<br>Deviation | Std.<br>Eror<br>Mean | Inverva   | onfidence<br>al of the<br>rences |         |    |                            |
|        |                                                |                    |                   |                      | Lower     | Upper                            | t       | dt | Sig.<br>(2-<br>tailed<br>) |
| Pair 1 | Pretest Intervention –<br>Postest Intervention | -46.10000          | 11.34825          | 2.0719<br>7          | -50.33751 | -41.86249                        | -22.250 | 29 | .000                       |
| Pair 2 | Pretest Control – Postest<br>Control           | -13.80000          | 11.72292          | 2.6880<br>3          | -19.33096 | -833570                          | -5.146  | 29 | .000                       |

# **RESEARCH QUESTION 1**

The results of the analysis show that p-value = 0.000, so HO is rejected. Thus, it can be concluded that the knowledge and skills of pregnant women Before and After using the direct instructional training module differ significantly.

2. Is the knowledge and skills of pregnant women Before and After without following the direct instructioanal training model significantly different?

 

 Table 3.Average Score of Knowledge and Skills of Pregnant Women Before and After Without Attending Direct Instructioanal Training Module for Pregnant Women at Idaman Padang Clinic Paired Samples Statistics

|        |                 | Mean    | Ν  | Std. Deviation | Std. Eror Mean |
|--------|-----------------|---------|----|----------------|----------------|
| Pair 1 | Pretest         | 38.5333 | 30 | 7.17146        | 1.30932        |
|        | Intervention    |         |    |                |                |
|        | Postest         | 84.6333 | 30 | 7.28477        | 1.33001        |
|        | Intervention    |         |    |                |                |
| Pair 2 | Pretest Control | 37.8000 | 30 | 10.19263       | 1.86091        |
|        | Postest Control | 51.6333 | 30 | 8.17685        | 1.49288        |

## **Paired Samples Correlations**

|        |                        | Ν  | Correlations | Sig. |
|--------|------------------------|----|--------------|------|
| Pair 1 | Pretest Intervention & | 30 | 232          | .216 |
|        | Postest Intervention   |    |              |      |
| Pair 2 | Pretest Control &      | 30 | 276          | .140 |
|        | Postest Control        |    |              |      |

#### **RESEARCH QUESTION 2**

The results of the analysis show that p-value = 0.000, so HO is rejected. Thus, it can be concluded that the knowledge and skills of pregnant women Before and After without using direct instructional training modules differ significantly.

3. Is the knowledge and skills of pregnant women before without following the direct instructioanal training model significantly different?

| Table 4. Average Score of Knowledge and Skills of Pregnant Women Before Without Attending Direct Instructioanal Training |
|--------------------------------------------------------------------------------------------------------------------------|
| Module for Pregnant Women at Idaman Padang Clinic Group Statistics                                                       |

|                         | Modul Direc<br>Instructional | Ν  | Mean    | Std. Deviation | Std. Eror<br>Mean |
|-------------------------|------------------------------|----|---------|----------------|-------------------|
| Initial Skill Knowledge | Modul Direc                  | 30 | 38.5333 | 7.17146        | 1.30932           |
|                         | Instructional                |    |         |                |                   |
|                         | Without Direc                | 30 | 84.6333 | 10.19263       | 1.86091           |
|                         | Instructional Modules        |    |         |                |                   |
| Final Skill Knowledge   | Modul Direc                  | 30 | 37.8000 | 7.28477        | 1.33001           |
|                         | Instructional                |    |         |                |                   |
|                         | Without Direc                | 30 | 51.6333 | 8.17685        | 1.49288           |
|                         | Instructional Modules        |    |         |                |                   |

#### **RESEARCH QUESTION 3**

The results of the analysis show that p-value = 0.748. This indicates that the p-value > 0.05, so H0 is accepted. Thus, it can be concluded that the knowledge and skills of pregnant women Before treatment between the intervention group and the control group did not differ significantly. Because the knowledge and skills of pregnant women before the direct instructional training

treatment in the form of modules during the initial test both do not have knowledge and skills about breastfeeding preparation.

4. Is the knowledge and skills of pregnant women after following the direct instructional training model significantly different?

 Table 5.Distribution of Knowledge and Skills of Pregnant Women After Attending Direct Instructioanal Training Module for

 Pregnant Women at Idaman Padang Clinic Independent Samples Test

|                            |                                      | Leve<br>Test<br>Equal<br>Varia | for<br>ity of |        |        | t-t         | est for Equali | ty of Means |          |                                 |
|----------------------------|--------------------------------------|--------------------------------|---------------|--------|--------|-------------|----------------|-------------|----------|---------------------------------|
|                            |                                      |                                |               |        |        | Sig.<br>(2- | Mean           | Std. Eror   | Inverva  | nfidence<br>al of the<br>rences |
|                            |                                      | F                              | Sig.          | t      | df     | tailed)     | Difference     | Difference  | Lower    | Upper                           |
| Initial Skill<br>Knowledge | Equal<br>variances<br>assumed        | 2.776                          | .101          | .322   | 58     | .748        | .7333          | 2.27537     | -3.82132 | 5.28799                         |
|                            | Equal<br>variances<br>not<br>assumed |                                |               | .322   | 52.061 | .749        | .7333          | 2.27537     | -3.83241 | 5.29907                         |
| Final Skill<br>Knowledge   | Equal<br>variances<br>assumed        | 1.217                          | .275          | 16.505 | 58     | .000        | 33.0000        | 1.99941     | 28.99775 | 37.00225                        |
|                            | Equal<br>variances<br>not<br>assumed |                                |               | 16.505 | 57.243 | .000        | 33.0000        | 1.99941     | 28.99663 | 37.00337                        |

#### **RESEARCH QUESTION 4**

The results of the analysis show that p-value = 0.000. This indicates that the p-value < 0.05, so H0 is rejected. Thus, it can be concluded that the knowledge and skills of pregnant women after treatment between the intervention group and the control group differed significantly.

#### DISCUSSION

More effective treatment of the intervention group and control group before and after following the direct instructioanal training model in preparation for breastfeeding for pregnant women at the Padang dream clinic. It is formulated using N-Gain. Normalized gain or N-Gain score is used to determine the increase in knowledge and thinking skills of pregnant women after being given pretest and posttest questions, also aims to determine the effectiveness of using a certain method or treatment (treatment) in research one group pretest posttest design (experimental design or pre-experimental design) or research using control groups (quasi experimental or true experiment). By calculating the difference between the pretest and posttest scores or gain scores, we will be able to find out whether the use or application of a particular method can be said to be effective or not.

Formula:

N Gain = Score Posttest – Score Pretest Score Ideal – Score Pretest

 Table 6.Increasing the Knowledge and Skill Score of Pregnant Women Before and After Following the Direct Instructioanal

 Training Model in Breastfeeding Preparation for Pregnant Women at Idaman Padang Clinic Group Statistics

|                | Modul Direc         | Ν  | Mean     | Std. Deviation | Std. Eror |
|----------------|---------------------|----|----------|----------------|-----------|
|                | Instructional       |    |          |                | Mean      |
| Improved Score | Modul Direc         | 30 | 742.7333 | 136.01215      | 24.83231  |
|                | Instructional       |    |          |                |           |
|                | Without Modul Direc | 30 | 191.6333 | 236.05567      | 43.09950  |
|                | Instructional       |    |          |                |           |

 Table 7. The Effect of Direct Instructional Training Model on the Knowledge and Skills of Pregnant Women in Breastfeeding

 Preparation at Idaman Padang Clinic Independent Samples Test

|                   |                                      | Leve<br>Test<br>Equal<br>Varia | for<br>ity of |        |        | t-          | test for Equa | lity of Means |                                                  |           |
|-------------------|--------------------------------------|--------------------------------|---------------|--------|--------|-------------|---------------|---------------|--------------------------------------------------|-----------|
|                   |                                      |                                |               |        |        | Sig.<br>(2- | Mean          | Std. Eror     | 95% Confiden<br>Inverval of th<br>or Differences |           |
|                   |                                      | F                              | Sig.          | t      | df     | tailed)     | Difference    | Difference    | Lower                                            | Upper     |
| Improved<br>Score | Equal<br>variances<br>assumed        | 4.465                          | .039          | 11.079 | 58     | .000        | 551.10000     | 49.74143      | 451.53170                                        | 650.66830 |
|                   | Equal<br>variances<br>not<br>assumed |                                |               | 11.079 | 46.343 | .000        | 551.10000     | 49.74143      | 450.99567                                        | 651.20433 |

The results of the analysis showed that there was an Effect of Direct Instructional Model Training on the Knowledge and Skills of Pregnant Women about Breastfeeding Preparation at the Idaman Clinic in Padang City. This can be seen from sig. 0.000 <0.05. The effect of the direct instructional training model on knowledge and skills before and after treatment and to see the contribution of patient characteristics to knowledge and skills in preparation for breastfeeding using the Wilcoxon Signed test. The level of significance ( $\alpha$ ) used is 0.05. Ho is rejected if  $\rho < 0.05$ means that there is an effect of the direct instructional training model on knowledge and skills in preparation for breastfeeding in pregnant women. The results showed that there was a significant increase in the knowledge and skills of pregnant women about breastfeeding preparation after attending the Direct Instructional model training. The same study showed that pregnant women's knowledge and skills about breastfeeding preparation measured in the study included an understanding of the benefits of breast milk, breastfeeding techniques, breast care during pregnancy, and

correct breastfeeding practices.<sup>24</sup> So do other studies, showing that the skills of pregnant women are measured by direct observation when pregnant women practice breastfeeding baby dolls.<sup>25</sup> These observations include breastfeeding techniques, correct breastfeeding positions, and breast care during breastfeeding Thus, Direct Instructional model training can have a positive influence on pregnant women's knowledge and skills about breastfeeding preparation. This training can be an effective alternative training method to improve the knowledge and skills of pregnant women about breastfeeding preparation.

#### CONCLUSIONS AND ADVICE

Based on the research that has been done, it can be concluded that there are differences in knowledge and skills of pregnant women in preparing for breastfeeding after being given direct instructional training (p = 0.000).

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# REFRENCES

- Probowati, R., Sawitri, M., Ratnawati, M., & Wibowo, H. (2022). Empowering Health Workers as Breastfeeding Counselors to Prevent Stunting At puskesmas Jelakombo, Jombang Regency. Community Development Journal, 6(2), 39-43.
- 2. Wati SK, Kusyani A, Fitriyah ET. The influence of maternal factors (maternal knowledge, exclusive breastfeeding & complementary feeding) on the incidence of stunting in children. J Heal Sci Community. 2021; 2(1):13.
- 3. Luthfiyati Y, Widaryanti R, Yogyakarta UR. Di Pmb Istri Yuliani Sleman Practice of Lactation in Pregnancy To Prevent Problems in Giving Exclusive Breastfeeding. 2019;(December):74–9.
- Richard Oliver (in Zeithml. et al 2018). model of empowerment of pregnant women in readiness for exclusive breastfeeding. Angew Chemie Int Ed 6(11), 951–952. 2021; 2013–5.
- Safitri A, Dayfi BA, Alfian, Daro YA. Kasih (Family Aware of Exclusive Breastfeeding): Innovation in Family Group Health Empowerment in Boak Sumbawa Besar Village. J Local Community Developers. 2020; 3(1):2019–21.
- Anonymous T, Inayah M, Harnany AS, ... Community empowerment in realizing a healthy generation that is stuntingfree through activities for the first 1000 days of life. J Cross.... 2022;
- Mirawati M, Masdiputri RSN, Puteri MD, Hikmah T, Fatmawati F. Exclusive breastfeeding education for breastfeeding preparation before delivery. Ahmar Metakarya J Pengabdi Masy. 2022; 2(1):7–12.
- Erlinawati E, Hastuty M, Apriza A. Mini Workshop: Health Counseling on Nutrition of Prospective Mothers, Pregnant Women, Breastfeeding Women and Toddlers in Stunting Prevention in Salo District. Community Dev J J Community Service. 2022; 3(3):1503–7.
- 9. Nurjaya, N., Subriah, S., &; Hidayati, H. (2021). INCREASING BADUTA MOTHER'S KNOWLEDGE ABOUT BREASTFEEDING IN AN EFFORT TO IMPROVE NUTRITION FOR THE FIRST 1000 DAYS OF LIFE IN THE WORKING AREA OF THE CENDRAWASIH HEALTH CENTER IN MAKASSAR CITY. Health Research Implementation Media; Vol 2, No 1 (2021): Health Research Implementation Media.
- 10. Yeni Aryani, &; Fatiyani Alyensi. (2019). THE APPLICATION OF OXYTOCIN MASSAGE IN AN EFFORT TO INCREASE BREAST MILK PRODUCTION THROUGH TRAINING FOR MIDWIVES. Dynamicia, 3(2), 361–367. https://doi.org/10.31849/dinamisia.v3i2.3680
- 11. Yulivantina, E. V., Afrida, M., &; Merida, Y. (2023). Strengthening the Health Quality of Adolescents, Brides-to-be,

http://ojs.unud.ac.id/index.php/eum doi:10.24843.MU.2023.V12.i10.P03 Pregnant Women, Breastfeeding Mothers, Infants and Toddlers through the Stunting Alert Village Program in Kalurahan Kepuharjo Sleman. JOURNAL OF CREATIVITY COMMUNITY SERVICE; Vol 6, No 3 (2023): Volume 6 No 3 March 2023; 1222-1237; Journal of Community Service Creativity (PKM); Vol 6, No 3 (2023): Volume 6 No 3 March 2023; 1222-1237; 2622-6030; 2615-0921; 10.33024/Jkpm.V6i3.

http://ejurnalmalahayati.ac.id/index.php/kreativitas/article/view /8350

- 12. Siti Maria Ulfa, Suryati, &; Darmayanti Wulandatika. (2022). EDUCATION ABOUT PROPER BREASTFEEDING TECHNIQUES AS AN EFFORT TO INCREASE THE KNOWLEDGE OF POSTPARTUM MOTHERS IN SUNGAI TABUK VILLAGE, BANJAR REGENCY. JOURNAL OF INDEPENDENT SERVICE; Vol. 1 No. 2
- Hadiati, L. N., Latifah, L., &; Anggraeni, M. D. (2023). THE INFLUENCE OF ANDROID APPLICATIONS TO IMPROVE THE KNOWLEDGE, ATTITUDES, AND SKILLS OF PREGNANT AND LACTATING WOMEN: LITERATURE REVIEW. Indonesian Journal of Nurses; Vol. 6 No. 3 (2022): November 2022; 1119-1128; 2548-7051; 2714-6502; 10.32584/Jpi.V6i3. https://journal.ppnijateng.org/index.php/jpi/article/view/1085
- 14. Amin, W., Indriani, I., &; Ningsi, A. (2021). EFFORTS TO EMPOWER PREGNANT WOMEN THROUGH INCREASING KNOWLEDGE ABOUT EXCLUSIVE BREASTFEEDING AND CORRECT BREASTFEEDING TECHNIQUES AT PUSKESMAS MINASA UPA MAKASSAR. Health Research Implementation Media; Vol 2, No 1 (2021): Health Research Implementation Media. http://journal.poltekkes-

mks.ac.id/ojs2/index.php/penmas/article/view/2221

- 15. Ika Fitria E, Yulida Fithri, Yulia Novika J, &; Iwan Sariyanto. (2023). COLLABORATIVE ACTION: ESTABLISHING A BREASTFEEDING-FRIENDLY VILLAGE IN MRANGGI JAYA VILLAGE, PUTRA RUMBIA DISTRICT, CENTRAL LAMPUNG REGENCY. J-ABDI: Journal of Community Service; Vol. 2 No. 10
- 16. Limbong, T., Umar, S., Afriani, A., &; Ida, S. (2020). SOCIALIZATION OF GOOD AND CORRECT BREASTFEEDING TECHNIQUES FOR POSTPARTUM MOTHERS IN THE WORKING AREA OF THE MAMAJANG HEALTH CENTER IN MAKASSAR. Health Research Implementation Media; Vol 1, No 2 (2020): Health Research Implementation Media. <u>http://journal.poltekkesmks.ac.id/ojs2/index.php/penmas/article/view/1495</u>
- 17. Ginting, C. N., Yuliana Aquinsa Tobing, Putri Shamila Sari, &; Rika Dwi Handini. (2021). Providing training on correct breastfeeding techniques in the success of exclusive breastfeeding. Excellent nursing and midwifery partners; Vol. 3 No. 1(2021). http://jurnal.unprimdn.ac.id/index.php/jukeprima/article/view/1 865

- Indriyani, D., &; Azza, A. (2018). PKM GROUP OF BREASTFEEDING MOTHERS IN IMPROVING FOOD PROCESSING SKILLS AS A QUALITY SUPPORT. J-Dynamics : Journal of Community Service; Vol. 3 No. 2 (2018): December ; J-Dynamics : Journal of Community Service; Vol 3 No 2 (2018): December ; 2503-1112 ; 2503-1031 ; 10.25047/j-Dynamics.V3i2. https://publikasi.polije.ac.id/index.php/jdinamika/article/view/1044
- Reni Yuli Astutik, &; Eka Sri Purwandari. (2021). Assistance for Breastfeeding Mothers in Exclusive Breastfeeding during the Covid-19 Pandemic in Kediri Regency. E-Dimas, 12(4), 647–651. https://doi.org/10.26877/e-dimas.v12i4.6535
- 20. Firdawsyi Nuzula, Oktaviana, M. N., &; Purwitaningtyas, R. Y. (2022). Building Awareness in Supporting the Sustainability of Exclusive Breastfeeding as an Effort to Improve Women's Quality of Life. Society : Journal of Community Service and Empowerment; Vol. 2 No. 2 (2022): Vol.2 No.2,
- Amir, A., Hartono, R., &; Chaerunnimah, C. (2022). IMPLEMENTATION OF REFRESHER SKILLS OF NURSING COUNSELORS. Health Research Implementation Media; Vol 3, No 1 (2022): Health Research Implementation Media;

- 22. Suryani, L., Hutasoit, E. S., Azwar, Y., Wahyuni, R. S., &; Dale, D. S. (2021). Coaching pregnant women in preparation for breastfeeding by providing education and skills about lactation massage. Journal of Community Service RADISI; Vol. 1 No. 3 (2021): December; 132-139; Journal of Community Service Radisi; Vol 1 No 3 (2021)
- 23. Cook, T. D., & Campbell, D. T. (1979). Quasiexperimentation: Design and analysis issues for field settings. Rand McNally College Publishing Company.
- Kodariyah, K., Anggorowati, A., &; Zubaidah, Z... (2023). Breastfeeding Readiness of Postpartum Mothers in the Asian Region: A Literature Review. Journal of Nursing, 15(3), 1149– 1156.
- 25. Amir, S., Apriorita, A., Baharuddin, R., &; Putra, S. H. (2023). Description of Knowledge of Pregnant Women about Breast Care During Pregnancy at the Karang Rejo Tarakan Health Center. Borneo Journal, 3(1), 1–8. https://doi.org/10.57174/jborn.v3i1.64