THE ROLE AND STRATEGY OF MIDWIFE INDEPENDENT PRACTICE (TPMB) IN ANTICIPATION OF VIRUS TRANSMISSION

Rahmadyanti¹, Bintang Petralina*²

¹Abdi Nusantara College of Health Sciences, Jakarta
²Binawan University, Jakarta
*Korespondensi email bpetralina@gmail.com

ABSTRACT

Background: The spread of the Covid-19 variant of the omicron was very fast and the number of cases increased and caused the community to experience a hard condition, the community was tired and bored so that it triggered a spike in Covid-19 cases again. The Midwife Independent Practice Center (TPMB) is one of the health facilities where the community gets maternal and child health services. Based on the 2018 Riskesdas data, ANC services by midwives amounted to 82.4% and 41% of them at TPMB 80% to the midwife’s independent practice. Childbirth assistance by midwives amounted to 62.7% and 29% of them were assisted at TPMB and 76.5% of family planning services were provided by midwives and 54.6% of them were provided at TPMB. This makes midwives one of the front guards in efforts to break the chain of transmission of covid-19. Delima midwives are icons of midwifery independent practices that prioritize the quality of midwifery services.

Purpose: Knowing the differences in knowledge, roles and strategies for the Midwife Independent Practice Center (TPMB) in anticipating the transmission of the omicron virus in the East Jakarta work area in 2022.

Method: The quantitative approach uses a cross-sectional research design with a purposive sampling technique on 100 TPMB samples in the East Jakarta working area in 2022 which was conducted in February – April 2022 with a questionnaire using analytical analysis.
INTRODUCTION

Two years passed after COVID-19 was identified as a new type of disease in Wuhan City, China on January 7, 2020 (Kemenkes RI, 2020). The rapid spread of the Omicron variant of Covid-19, active cases of Covid-19 continue to grow. Still according to data from the Covid-19 Task Force, there were an additional 40,489 new cases of Covid-19 on Friday (11/2). This brings the total to 4,708,043 positive cases of Corona (Hidayat, 2022). The positivity rate or the percentage of positive cases in the last week in Jakarta was 2.0 percent, while the percentage of positive cases in total was 11.0 percent (Mashabi, 2022). Active cases of Omicron in DKI Jakarta increased significantly. Based on the instruction of the Minister of Home Affairs Number 1 of 2022 concerning PPKM Level 3, 2, 1, DKI Jakarta was again declared to have a level 2 status (Saputro, 2022). Health Minister Budi Gunadi Sadikin revealed that the pattern of spreading the Omicron variant began in Jakarta. seeing the pattern of spread, his party asked the local government to increase the COVID-19 vaccination program, especially for the elderly in the midst of the increasing Omicron variant in the country (Donny Adhiyasa, 2022). The number of cases of the Omicron variant of Covid-19 in Jakarta is 1,313 people, and is dominated by foreign travelers (PPLN) (Junita, 2022).

The government is currently on alert to the possibility of a third wave of the Covid-19 Pandemic (WHO, 2021). Efforts to inhibit the rate of increase in cases, namely with 3M (Wearing masks, Keeping distance, Washing hands using soap), 3T (Testing, Tracing and Treatment) and Vaccination (PMO KPCPEN, 2020) have been run by the government even for vaccinations today have been given boosters. Epidemiologists from the University of Indonesia said that Indonesia is currently experiencing a condition of hard stupidity, people are tired and saturated, triggering a re-surge in Covid-19 cases with the emergence of new variants(CNN Indonesia, 2021).

Results: The majority of TPMB members of Delima Midwives (51%), have good knowledge (57%), have a good role (58%) and have a good strategy (54%). Knowledge, role and strategy in anticipating transmission of the omicron virus do not have a meaningful relationship (P-value >0.05) with TPMB membership status as a delima midwife in the East Jakarta working area in 2022.

Conclusion: Midwives’ knowledge, roles and strategies in anticipating transmission of the omicron virus are not related to membership status as a delima midwife.

Suggestion: In carrying out the role as a delima midwife in a service facility where the Independent Midwife Practice must apply 3M, 3T, and vaccination properly, be transparent and open to the public with good communication, continue to use masks, and wash hands.

Keywords: Delima Midwife, Omicron, Role, Strategy, Midwife Independent Practice Place
Covid again, after covid cases had dropped at the end of the year. From the data obtained until February 12, 2022, 130 midwives were confirmed positive for COVID-19, there were no deaths, 1 person was treated and 129 people were self-isolated.

The majority of the respondents (68.6%) have good knowledge and 82.9% have a positive attitude about the protocol antenatal care during the Covid-19 period, according to previous research on the description of the knowledge and attitudes of midwives regarding health protocols during the Covid-19 pandemic in the Dharmasraya district (Khotimah, 2021). Another study was out in the South Kalimantan region discovered no connection between the actions taken by midwives to stop the spread of Covid-19 and their attitudes or knowledge (Tazkiah, 2020).

The Midwife Independent Practice Center (TPMB) is one of the health facilities where the community receives maternal and child health services. Based on Riskesdas 2018 data, ANC services by midwives amounted to 82.4% and 41% of them in TPMB 80% to independent practice places of midwives. Childbirth Assistance by midwives amounted to 62.7% and 29% of them were helped at TPMB and family planning services 76.5% were carried out by midwives and 54.6% of them were carried out at TPMB (Riskesdas, 2018) This makes Midwives one of the frontlines in an effort to break the chain of transmission of covid-19 because midwives provide complex services and have a wide scope throughout the life cycle. So that the role and strategy of midwives are considered very necessary to be evaluated. For this reason, researchers are interested in studying the Role and Strategy of Midwife Independent Practice Places (TPMB) in anticipating the transmission of the omicron virus in the East Jakarta work area in 2022.

**METHOD**

This research is a non-experimental study with a cross-sectional approach. This research was carried out in the East Jakarta work area. This research was conducted in February – April 2022. The population in this study was all TPMB in the East Jakarta work area, whether they were members of the pomegranate Midwife or not, namely 223 TPMB. In this study, researchers used 100 TPMB as a study sample. Samples are taken based on inclusion and exclusion criteria. Karitesia inclusion: TPMB in East Jakarta work area and exclusionary criteria: TPMB who is not willing to be a respondent.

The determination of samples in this study was carried out with a type of non-probability sampling using purposive sampling techniques. The dependent variables of this study are the membership of pomegranate midwives and independent variables, namely: role and strategy. This study used primary data from the results of online questionnaires, google form questionnaires. Data were obtained by univariate analysis with descriptive and bivariate analysis with chi square test.

**RESULTS AND DISCUSSION**

**Univariate Analysis**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Frequency (n)</th>
<th>Percentage (%)</th>
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</thead>
<tbody>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;35 Years</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>≥35 Years</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Education</td>
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<td></td>
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<tr>
<td>DIII Midwiferys</td>
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<td>64</td>
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<tr>
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<td>9</td>
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<tr>
<td>Kramat Jati</td>
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</table>

Table 1. It shows that the characteristics of respondents related to the role and strategy of TPMB in anticipating the spread of the omicron virus were seen that: the majority of respondents aged ≥35 years old, namely 85 respondents (85%), educated in MIDWIFERY DIII, namely 64 respondents (64%), Cakung branch, namely 31 respondents (31%) and the length of opening TPMB <15 years 63 respondents (63%).

Based on Table 2. It shows that 51 TPMB (51%) members of pomegranate midwives and not members of Pomegranate Midwives. 57 respondents (57%) had good knowledge and 43 respondents (43%) had less knowledge about the omicron virus. 58 TPMB (58%) have a good role and 42 TPMB (42%) have a less role norm in anticipating the transmission of the omicron virus. 54 TPMB (54%) have a good strategy and 46 TPMB (46%) have a less strategy in anticipation of omicron virus transmission in the East Jakarta work area in 2022.

Table 2
Distribution of Knowledge Frequency, Role and Strategy of Midwife Independent Practice Places (TPMB) to Anticipate Omicron Virus Transmission in the East Jakarta Work Area in 2022

<table>
<thead>
<tr>
<th>Variable</th>
<th>Frequency (n)</th>
<th>Percentage (%)</th>
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</thead>
<tbody>
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<td>51</td>
</tr>
<tr>
<td>Not</td>
<td>49</td>
<td>49</td>
</tr>
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<td>57</td>
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<td>Less</td>
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<tr>
<td>Role</td>
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<tr>
<td>Good</td>
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<td>54</td>
</tr>
<tr>
<td>Less</td>
<td>46</td>
<td>46</td>
</tr>
</tbody>
</table>

Source: Primary Data 2022

Bivariate Analysis
Based on Table 3. It is known that all variables are not related to the membership status of Pomegranate Midwives in anticipation of omicron virus transmission, namely: Midwife Knowledge (p_value 0.318), role (p_value 0.423) and strategy (p_value 0.167).
The relationship of Knowledge with the membership of the Pomegranate Midwife in anticipation of the transmission of the omicron virus

The results showed that the majority of TPMB had good knowledge but there was no proven relationship between TPMB membership status and its role in anticipating the transmission of the omicron virus (p-value ≤0.05). In line with the research on "Anxiety, Midwifery Services, and Providing Information about the Corona Virus (COVID-19) by Midwives in the Madura Region", namely midwives have a good role as implementers and educators(Susanti, 2020). In line with the research on "The Active Role of Midwives in MCH and Family Planning Services during the COVID-19 Pandemic at the Kemrajen II Health Center", midwives perform their roles very well in carrying out MCH and KB services in accordance with health protocols(Ikhwah Mu’minah, 2021). This research is in line with the Midwifery Law No.4 of 2019 that Midwifery Services are a form of professional services that are an integral part of the health service system provided by midwives independently, collaboratively, and/or referrals. During the COVID-19 pandemic and facing the New Normal era, health services must continue to run optimally, safely for patients and midwives with various adjustments based on covid handling guidelines or health protocols(Undang-Undang Kebidanan No.4 Tahun 2019 Tentang Pelayanan Kebidanan, 2019).

Respondents who have a good role in anticipating the transmission of the omicron virus by looking at the role as a midwifery service provider by making the following efforts to use PPE in accordance with the guidelines for patient services during the pandemic, serving patients according to fixed procedures (protap), applying hand hygiene and physical distancing. Peran as a manager of the pomegranate midwife and her peran in anticipation of omicron virus transmission (P-value ≤0.05). This is in line with the research on "Anxiety, Midwifery Services, and Providing Information about the Corona Virus (COVID-19) by Midwives in the Madura Region", namely midwives have a good role as implementers and educators(Susanti, 2020). In line with the research on "The Active Role of Midwives in MCH and Family Planning Services during the COVID-19 Pandemic at the Kemrajen II Health Center", midwives perform their roles very well in carrying out MCH and KB services in accordance with health protocols(Ikhwah Mu’minah, 2021). This research is in line with the Midwifery Law No.4 of 2019 that Midwifery Services are a form of professional services that are an integral part of the health service system provided by midwives independently, collaboratively, and/or referrals. During the COVID-19 pandemic and facing the New Normal era, health services must continue to run optimally, safely for patients and midwives with various adjustments based on covid handling guidelines or health protocols(Undang-Undang Kebidanan No.4 Tahun 2019 Tentang Pelayanan Kebidanan, 2019).

The relationship of the role with the membership of the Pomegranate Midwife in anticipation of the transmission of the omicron virus

The results showed that the majority of TPMB had a good role but there was no proven relationship between TPMB's membership status as a
midwifery services by providing innovative services by utilizing digital at the registration and anamnesis stages, providing hand washing stations and providing masks for patients or families who do not use masker, conducting routine reviews on objects in the TPMB touched by patients and determining the number of daily visits of services. The role of an extension officer and counselor by always reminding patients / clients who come to comply with health protocols. Providing counseling during limited visits as well as facilitating online consultations, providing socialization about services, facilitating midwifery services through social media, receiving contracts / promises of service schedules through social media, It can be assumed that this is done at the encouragement of within even from the environment or from the organization. Although in general, midwives in the East Jakarta area have a good role, if you look at it more deeply, the role carried out by the majority is only as an implementer, managers and educators, it is seen from the role as a researcher is still very lacking. Of the 100 TPMB only 6 TPMB have conducted research. This is quite sad. In fact, with the results of research, it is not only able to provide better services according to the right data.

**Strategy Relationship with Pomegranate Midwife membership in anticipation of omicron virus transmission**

The results showed that the majority of TPMB had a good strategy but there was no proven relationship between TPMB membership status and its strategy in anticipating the transmission of the omicron virus ($P_{\text{value}>0.05}$) The various strategies carried out by TPMB in breaking the omicron virus chain are almost the same as the role carried out as a manager of midwifery services. TPMB restricts patient/client visits, complementing the infrastructure at TPMB in accordance with service guidelines during the pandemic. Many midwives have improved their competence by participating in various webinars conducted by both the government and the private sector.

**CONCLUSION**

From the results of the research that has been carried out, it can be seen that the status of TPMB membership is not related ($P_{\text{value}>0.05}$) to knowledge, roles and strategies in anticipating the transmission of the omicron virus in the East Jakarta work wizard in 2022.

**SUGGESTION**

In carrying out the role as a delima midwife in a service facility where the Independent Midwife Practice must apply 3M, 3T, and vaccination properly, be transparent and open to the public with good communication, continue to use masks, and wash hands.

**ACKNOWLEDGMENTS**

Thank you to the Midwife of the East Jakarta work area who has been willing to be a respondent to this study.

**REFERENCES**


