



**STIKES
HANG TUAH
SURABAYA**

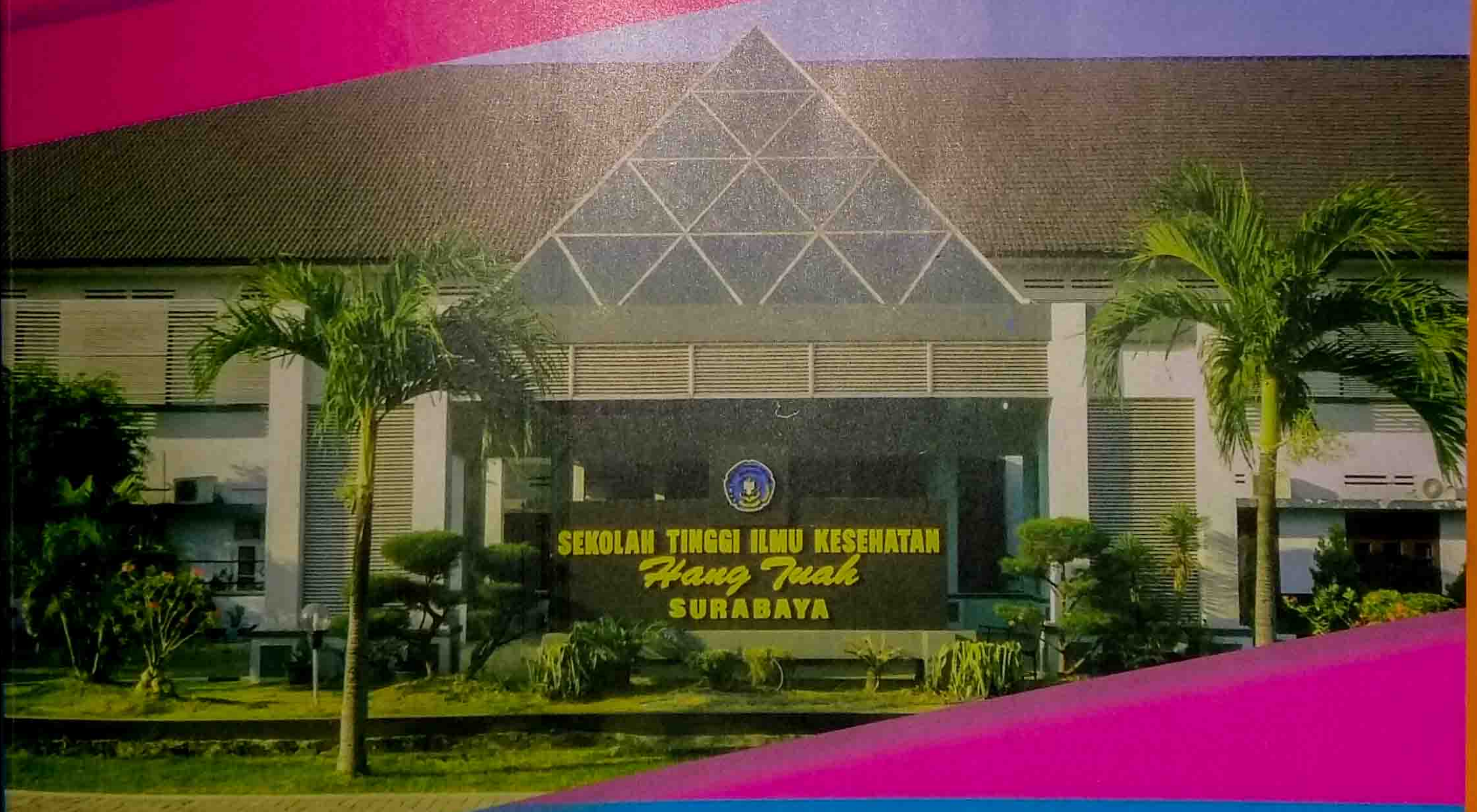


PROCEEDING BOOK

The 2nd International Nursing Conference

STIKES HANG TUAH SURABAYA

Surabaya - Indonesia, November 5th 2016



*"Developing Cross-Cultural Understanding
and Behavior in Nursing Care Services"*



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*"Developing Cross-Cultural Understanding
and Behavior in Nursing Care Services"*

The Proceeding Book 2nd International Nursing Conference
Developing Cross-Cultural Understanding and Behavior in Nursing Care Services

STIKES Hang Tuah Surabaya



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Stikes Hang Tuah Surabaya

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CONTENT

| | |
|---|-------|
| Greeting From Stering Commite | iv |
| Opening Speech Head Stikes Hang Tuah Surabaya..... | v |
| Steering Commite | vii |
| Scientific Paper Reviewer | ix |
| Conference Schedule | x |
| Plenary Speaker | |
| Speaker 1: Prof. Dr. Chang Ching Thon | xi |
| Speaker 2: Dr. Lesley Dornan | xvii |
| Speaker 3: Dr. Katrina Breaden | xxv |
| Speaker 4: Dr. Janny Prihastuty, S.Kep., Ns., MARS..... | |
| List of Oral Presentation | xliii |
| List of Poster Presentation | xlvi |
| List of Participant | xlvii |
| Plenary Discussion Room | 1 |

GREETINGS FROM STEERING COMMITTEE

Assalamu'alaikum wr. Wb

Honorable guest

1. Coordinator Kopertis VII East Java
2. Head of RUMKITAL DR. Ramelan Surabaya
3. Head of STIKES Hang Tuah Surabaya
4. Head assistant 1, 2, 3 of STIKES Hang Tuah Surabaya
5. Distinguished speakers
6. Colleges Nursing of STIKES Hang Tuah Surabaya
7. Distinguished participants

First, I would like to praise and thank God for the blessing so STIKES Hang Tuah Surabaya can organize The 2nd International Nursing Conference by theme "Developing Cross Cultural Understanding and Behavior in Nursing Care Services". Welcome to Surabaya.

The conference brings together academicians, practitioners, researchers as much as 200 participants, from east to west of different provinces in Indonesia, and many different countries. So by gathering and interacting each of attendees here can tighten our bond as academicians, practitioners, and professionals in order to increase the spirit of research and study.

Ladies and gentlemen, I would like to thank Flinders University Australia, Dr. Leasly from UK, UNIMAS Malaysia, International Hospital Indonesia, that support us with expert speakers. I would also like to express my gratitude to BTN, BNI, BNI Life, Wolters Kluwer, Lippincott William and Wilkins, Wardah Cosmetic, Erha Clinic, Sophie Martine, EGC, CV. Rukun Putra, Kalbe Nutritional for sponsorships. Many thanks also go to our colleges, especially team of Second International Nursing Conference.

Finally, I hope you will enjoy your stay, and the conference will be a special moment to gain new knowledge, new friends and new experiences too.

Thank you

Wassalamu 'alaikum wr wb

Steering Committee

OPENING SPEECH

THE HEAD OF STIKES HANG TUAH SURABAYA

Assalamu'alaikum wa-rahmatullahi wa-barakatuh

Good Morning Ladies and Gentlemen,

It is my honor and privilege to welcome all participants of the 2nd International Nursing Conference organized by Stikes Hang Tuah Surabaya. In particular, I would like to express my gratitude to our plenary speakers who have made great contribution in this conference. Thanks and appreciation also goes to the organizing committee.

Ladies and Gentlemen

The issues of global village era have brought great concerns to local businesses and services in Indonesia, especially Surabaya. Attempts of improvement are inevitable to business and service providers, including healthcare services. There have been increases in numbers of foreign patients, who need medical treatments in some hospitals in Surabaya. The presence of foreign patients in some hospitals in some cases, has triggered some issues among health care practitioners. Among other problems related to foreign patients, communication is presumed to be the most serious barrier among healthcare practitioners. It was reported that some nurses were in difficulties when they had to communicate with their foreign patients. In relevant to this issue, we proudly present the 2nd International Nursing Conference under the theme: "Developing Cross-Cultural Understanding and Behavior in Nursing Care Services". The topics for plenary sessions include:

1. Ethical Concerns in Nursing Practices, will be presented by Associate Prof. Dr. Chang Ching Thon from Unimas, Malaysia.
2. Eliminating Communication Barriers among Health Professionals, will be presented by Dr. Lesley Dornan from The United Kingdom.
3. Cross-Cultural Awareness in Palliative Care, will be presented by Dr. Katrina Broaden from Australia.
4. Standards and Qualities in Providing Care for Foreign In-Patients, will be presented by Mrs. Jany Prihastuty, S.Kep.,Ns, MARS from Indonesia.

We strongly believe that every topic selected in this conference will contribute a great deal of knowledge for every one of us and possibly inspire us to provide better health-care services for every patient treated in local hospitals, especially for those coming from other countries who certainly possess different cultural backgrounds. Of course this is a stepping stone for bigger changes in nursing sciences. We do expect that every audience will take the most benefit of this conference. Finally I would like to express my gratitude and highest appreciation to the speakers, organizing committees, and participants who have made this event possible.

Ladies and Gentlemen...

Without further ado I declare this conference open

Wassalamu'alaikum wa-rahmatullahi wa-barakatuh

Head of STIKES Hang Tuah Surabaya

Wiwiek Liestyanigrum, S.Kp., M.Kep.

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Institute Teknologi Sepuluh November (ITS), Surabaya

CONFERENCE SCHEDULE

TIME SCHEDULE INTERNATIONAL CONFERENCE

Saturday, November 2016

| TIME | ACTIVITY | VENUE |
|---------------|---|--------------------------------------|
| 07.00 - 08.00 | Registration Open | Ballroom Santika Hotel |
| 08.00 - 08.15 | Traditional Dance Welcome Greetings Indonesian National Anthem | Ballroom Santika Hotel |
| 08.15 - 08.30 | Opening : • Speech from Head of STIKES Hang Tuah Surabaya • Praying • Pre-Plenary Session | Ballroom Santika Hotel |
| 08.30 - 10.00 | Plenary Session 1 Discussion | Ballroom Santika Hotel |
| 10.00 - 10.30 | Coffee Break | Ballroom Santika Hotel |
| 10.30 - 12.00 | Plenary Session 2 Discussion | Ballroom Santika Hotel |
| 12.00 - 13.00 | Pray & Lunch | floor at Santika Restaurant |
| 13.00 - 16.30 | Oral Presentation | Room 1 Room 2 Room 3 Room 4 |
| 16.30 - 16.45 | Door Prize The best poster and oral presentation appreciation | Ballroom Santika Hotel |
| 16.45 - 17.00 | Closing | Ballroom Santika Hotel |

LIST OF PARTICIPANT

| TITLE | PAGE |
|--|--------|
| An Effectiveness of Progressive Muscle Relaxation to Changes Anxiety, Blood Pressure And Heart Rate In Patients With Hypertension In Health Center Kampung Bugis of Tanjungpinang 2015 Linda Widyastuti, Rian Yuliyana | PC-397 |
| Minimized Common Mental Disorder Community Through Early Detection in Kecamatan Moramo Utara Kendary City Armayani | PC-405 |
| A Comparative Study of Lavender Essential Oil and Ginger Essential Oil in Reducing Intensity of Menstrual Pain Wasis Pujiati, Hotmaria Julia DolokSaribu | PC-411 |
| Prevention HIV/AIDS by Women In Pekanbaru Riau Province Yulia Irvani Dewi, Fathra Annis Nauli | PC-420 |
| Birth Weight and Rapid Weight Gain In Infancy With Incidence Obesity In SD 30 Kubu Dalam, SD Kartika 1-10 and SD Kartika 1-11 Padang Deswita, Ilfa Khairina, Zara Yuliani Putri | PC-426 |
| Effect of Psychological Climate and Occupation Characteristics of Commitment Organization Permanent Staff STIKES Hang Tuah Tanjungpinang Ernawati | PC-435 |
| Guided Imagery Therapy Changing Stress Level For Student In Completing Thesis Jihan Nisa Afdila, Kusnanto, Herdina Mariyanti | PC-442 |
| The effect of cooperative play therapy with puzzle to increase socialization skill in children tunagrahita Liza Wati, Rizky Maulidia Angraini, Rian Yuliyana | PC-452 |

CORRELATION STUDY OF SUSTAINABLE USE WITH IUD KB ANEMIA ON EVENTS IUD ACCEPTORS IN BPM MALANG RAYA 2015

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Abstract

The IUD is an intrauterine device that has the advantage of long-term and postpone pregnancy. However IUD also have common side effects occur such as menstruation longer and much, changes in menstrual cycle. The impact of bleeding regularly or continuously is anemia. There were 41 acceptors. IUD acceptors of 11 who have home visits when interviewed about adverse events during IUD use, 6 of them complain of menstrual acceptor lots, 4 of them complain of menstrual acceptor lot and the first acceptor say not experience any complaints. The purpose of this study was to determine the relationship IUD Lestari with hemoglobin. The design study is an analytic correlation using cross sectional design with a population of 231 active IUD acceptors and the total sample of 31 active IUD acceptors. The sampling technique used was proportional random sampling. The collection of data by way of hemoglobin and interviews. Analysis using Pearson Product Moment test and the results obtained are the price of the $t(0,94)$ is smaller than t table (2.060), so H_0 accepted and H_1 rejected. It can be concluded that there is no correlation IUD KB Lestari with the incidence of anemia in IUD acceptors in BPM Malang Raya.

Keywords: Contraceptives in Rahim (IUD), Anemia

Introduction

The IUD is an intrauterine device that has the advantage of long-term and postpone pregnancy. However IUD also have common side effects occur such as menstruation longer and much, changes in menstrual cycle, or may be more menstrual pain. The side effects if not treated immediately, it can

lead to complications. The impact of bleeding regularly or continuously is anemia. Based on preliminary studies conducted in BPM "M" number of IUD acceptors were 41 acceptors. IUD acceptors of 11 who have home visits when interviewed about adverse events during IUD use, 6 acceptors including many complain menstruation, menstrual 4 acceptor

such complain a lot and accompanied by pain during menstruation and the first acceptor say not experience any complaint general aim : Determine the correlation IUD acceptors Anemia Lestari with the IUD particular aim : 1) Identify Sustainable IUD acceptors 2) Identify hemoglobin IUD acceptors Lestari 3) To analyze the correlation between IUD use Lestari with anemia of IUD acceptors Benefits of research for researchers The results of this study are expected to improve the knowledge and understanding of the researchers on the use of IUD KB Lestari with anemia of IUD acceptors. For Educational Institutions The results of this study are expected to be used as an additional source library that adds knowledge to the institution and may be used as a reference for subsequent research related to contraceptive IUD. for Professionals The results of this study are expected to be used as input for the midwifery profession to maintain or further increase attention to the prevention of anemia in IUD acceptors. For Research Sites We hope this research can provide more complete information about the IUD KB Lestari with anemia of IUD acceptors so as to add a reference to the latest results of a study.

This type of research is analytic correlation using cross sectional design. In this study the effects (hemoglobin) are identified at this time and the risk factors (time IUD) identified at this time also in the same time. The collection of data to measure

the effects (hemoglobin) is done by checking for measuring hemoglobin levels and risk factors (time IUD) conducted interviews at the same time

The population in this study are all IUD acceptors in BPM Malang and the total population who use an IUD Copper T 380A IUD birth control is active. Samples of this research is active IUD acceptors in BPM Malang with amount of 31 active IUD acceptors. The sampling technique in this research is proportional random sampling, in BPM in Malang Raya. Inclusion and exclusion criteria Inclusion criteria Inclusion criteria for this study were as follows: The entire active IUD acceptors controls in BPM The entire active IUD acceptors who use types of Copper T 380A IUD. The whole IUD acceptors active minimal been using an IUD for one year The entire active IUD acceptors were menstruating regularly during IUD use. The entire active IUD acceptors with duration of use <IUD 10 years. exclusion criteria Exclusion criteria in this study are as follows: Active IUD acceptors with chronic diseases: thalassemia, tuberculosis, asthma, worms, malaria Active IUD acceptors who consume iron tablet. Research variable The variables in this study are: Independent variables Independent variable is the IUD acceptors KB Lestari Dependent variables The dependent variable is anemia.

Definition Operational

| No | Variabel | Definisi Operasional | Parameter | Alat Ukur | Skala | Kriteria |
|----|---------------------------------------|---|-------------------------|--------------------|-------|-----------------------------|
| 1. | Independen Waktu pemakaian AKDR | Lama pemakaian terhitung dari tanggal pemasangan AKDR sampai tanggal pengambilan data | Tanggal pemasangan AKDR | Kartu K1 & K4 | rasio | Lama pemakaian AKDR (bulan) |
| 2. | Dependen : Kadar Haemoglobin (Anemia) | Senyawa pembawa oksigen pada sel darah merah. | Kadar Haemoglobin | Hemoglobin digital | rasio | Kadar haemoglobin (gram/dl) |

Result

General Data

Tabel 1. Distribution Frequency Minimum IUD acceptors in BPM Malang

| Age | Frequency | (%) |
|-------------|-----------|------|
| <20 years | 1 | 3,3 |
| 20-35 years | 20 | 64,4 |
| >35 years | 10 | 33,3 |
| Total | 31 | 100 |

Based on it can be seen that the majority of the 31 respondents aged 20-35 years is 20 respondents (64.4%).

Education Respondents

Tabel 2. Frequency Distribution Education IUD acceptors in BPM Malang

| Education Last | Frequency | (%) |
|----------------|-----------|------|
| SD | 5 | 16,1 |
| SMP | 11 | 35,5 |
| SMA | 13 | 41,9 |
| PT | 2 | 6,5 |
| Total | 31 | 100 |

Based on It can be seen that out of 31 respondents mostly finished high school 13 respondents (41.9%).

Respondents job

Tabel 3. Frequency Distribution Jobs IUD acceptors in BPM Malang

| Work | Frequency | (%) |
|-----------|-----------|------|
| PNS | 2 | 6,5 |
| Private | 2 | 6,5 |
| Farmers | 3 | 9,6 |
| Housewife | 24 | 77,4 |
| Total | 31 | 100 |

Based on it can be seen that out of 31 respondents are mostly housewives as many as 24 respondents (77.4%).

Menstruation Long Respondents

Table 4. Distribution of Old Menstruation IUD acceptors in BPM Malang

| Menstruation old | Frequency | (%) |
|------------------|-----------|------|
| Normal (<7days) | 7 | 22,6 |
| > 7 days | 24 | 77,4 |
| Total | 31 | 100 |

Based on Table 4 it can be seen that out of 31 respondents mostly menstruating > 7 days as many as 24 respondents (77.4%).

Custom Data Time Use IUDs

Table 5. Distribution of Time Use of an IUD in BPM Malang

| IUD Use Time | Frequency | (%) |
|--------------|-----------|------|
| <5 years | 25 | 80,6 |
| ≥5 years | 6 | 19,4 |
| Total | 31 | 100 |

Based on Table 5 it can be seen that out of 31 respondents most of the time IUD <5 years ie 25 respondents (80.6%).

Hemoglobin

Table 6. Frequency Distribution Hemoglobin IUD acceptors in BPM Malang

| Hemoglobin levels | Frequency | (%) |
|-------------------|-----------|------|
| Normal | 25 | 80,6 |
| Anemia | 6 | 19,4 |
| Total | 31 | 100 |

Based on Table 6 it can be seen from 31 respondents mostly normal levels of hemoglobin acceptor, namely 25 respondents (80.6%) but discovered there were six respondents (19.4) are anemic.

Table 7. Description Hemoglobin IUD acceptors in BPM Malang

| Hemoglobin (g / dl) | Frequency | (%) |
|-----------------------------|-----------|------|
| Severe anemia (<8.0 to 9.9) | 25 | 80,6 |
| Mild anemia (10,0-11,9) | 6 | 19,4 |
| Normal (> 12) | 25 | 80,6 |
| Total | 31 | 100 |

Based on Table 4.7 it can be seen from 31 respondents mostly normal levels of hemoglobin acceptor, namely 80.6%, a fraction mild anemia hemoglobin levels acceptor three respondents (9.7%), and severe anemia 3 respondents (9.7%).

Sustainable use of IUDs relationship with Anemia

Table 8. Distribution of Frequency Correlation Sustainable Use of an IUD with BPM Anemia in Malang

| Haemoglobin levels IUD usage time | Normal | | Normal | | Anemia | |
|-----------------------------------|--------|------|--------|------|--------|------|
| | f | % | F | % | f | % |
| <5 years | 20 | 64,6 | 5 | 16,1 | 25 | 100≥ |
| 5 years | 5 | 16,1 | 1 | 3,2 | 6 | 100 |
| Total | 25 | 80,7 | 6 | 19,3 | 31 | 100 |

Based on Table 4.8 it can be seen that respondents with a time of IUD use <5 years most have normal hemoglobin levels (64.6%), as well as time IUD > 5 years most also have normal hemoglobin levels (16.1%). Then, to determine the relationship between IUD use (KB Lestari) with hemoglobin levels used Product Moment correlation test with the

formula: $r_{xy} = \frac{\sum xy}{\sqrt{(\sum x^2 y^2)}}$ The results obtained, $r = 0.186$ with significance testing using the formula: $t = \frac{r \sqrt{(n-2)}}{\sqrt{(1-r^2)}}$. Based on the calculation Product Moment correlation test with a standard error of 5% (0.05) of the obtained results of calculation $t = (0.94)$. Then t is compared with t table with $df = n-2$ and got the t

(0,94) < t table (2.060), then Ho is rejected and H1 accepted, meaning there is no time relationship IUD KB Lestari with hemoglobin levels acceptor ,

Conclusion

“Correlation Study of Sustainable Use of an IUD with Genesis Anemia in IUD acceptors in BPM Malang Raya” can be summed up as follows:

1. Time IUD mostly <5 years.
2. Hemoglobin IUD acceptors mostly within the normal range.
3. There was no relationship between IUD use Lestari with the incidence of anemia in IUD acceptors

Suggestion

1. For Educational Institutions: The next study involves more exploration of IUD users related to nutrition, hemoglobin level before an IUD and homogeneity of the respondents.
2. For Health Workers / Midwife: Keeping the quality of service and conduct strict selection for candidates for IUD acceptors to do the screening before IUD insertion and side effects monitored through repeat visits conducted acceptor. Continue to provide counseling, information and education of IUD acceptors about side effects and how to prevent anemia.

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