



3rd Java International Nursing Conference 2015

PROCEEDING

“Harmony of Caring and Healing Inquiry for Holistic Nursing Practice; Enhancing Quality of Care”

Semarang, 20 – 21 August 2015



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3rd JAVA INTERNATIONAL NURSING CONFERENCE
2015

*“Harmony of Caring and Healing
Inquiry for Holistic Nursing
Practice; Enhancing Quality of
Care”*

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Semarang, August 20th – 21st, 2015

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“HARMONY OF CARING AND HEALING INQUIRY FOR HOLISTIC
NURSING PRACTICE; ENHANCING QUALITY OF CARE”

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Proceeding 3rd Java International Nursing Conference 2015

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2015

“Harmony of Caring and Healing Inquiry for Holistic Nursing Practice; Enhancing Quality of Care”

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PREFACE

The 3rd Java International Nursing Conference (JINC-2015) is a leading forum which provides opportunities for the delegates to exchange knowledge, new ideas, best practices and application experiences face to face, to establish academic and research relation and networking, and to find global partners for future collaboration on various of interest in health education field. This conference conducts a series of scientific activities including a keynote speech, plenary speeches, concurrent sessions, and poster presentations. It is a continuing program after twice JINC which successfully held by School of Nursing, Faculty of Medicine, Diponegoro University on 2010 and 2012. Moreover, this event is attended by speakers from domestic and also from other countries who are experts in their fields. Also, we invite participants from all regions in Indonesia and foreign countries.

The theme of this conference is “*Harmony of Caring and Healing Inquiry for Holistic Nursing Practice; Enhancing Quality of Care*”. This theme developed from the fact where the achievement of quality health care can only be obtained with a holistic integrated health services. Holistic health care includes the shape of health services that address the needs of biological, psychological, social, and spiritual. To achieve optimum service, there are some things to consider such aspects reliability, i.e. the ability to perform the promised service as consistent and reliable, as well as aspects of assurance (certainty) that includes the knowledge and hospitality of the employees and their ability to create trust and confidence, courtesy and trustworthiness that of the staff, and free from danger, risk or doubt. In addition, it is also required well-planned programs, and at the same time several important provisions in providing health services to the public, so that both service providers or recipients are equally benefited. So that, health care team (multidiscipline) should discuss together about innovation of their field according to develop an ideal collaborative relationship across culture in holistic health care framework.

We do hope that this conference can answer the challenge. Finally, we welcome you, our respected guests and participants, in Semarang, Indonesia and enjoy the conference.

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ATTACHMENTS

SLEEP QUALITY AMONG ELDERLY IN NURSING HOME AND COMMUNITY-DWELLING: A COMPARATIVE STUDY

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ABSTRACT

Background: Changes occur along with advancing age, including needs and patterns of sleep. Sleep becomes an important basic needs related to well being in the elderly. Sleep satisfaction marked by good sleep quality.

Objective: The purpose of this study was compare elderly sleep quality in institutional and community dwelling.

Methods: Study conducted in Harapan Asri Nursing Home and RW V Kelurahan Pedalangan Semarang from 5 till 17 May 2014. A total of 110 elderly in nursing home (n=37) and community dwelling (n=73) capable of participating in data collection and free from cognitive deficits or functional impairment were found. The Indonesian version of Pittsburgh Sleep Quality Index (PSQI) was used to measure sleep quality. Poor sleep quality defined by global PSQI score above 5. Descriptive statistics and Mann-Whitney test were used for data analysis.

Results: Most participants in nursing home were poor sleeper (81.1%), while less than a half of participants in community were poor sleeper (45.2%). This study found there are differences elderly sleep quality in nursing home and elderly who living with families in community. (Sig= 0.001, p value < 0.05)

Conclusion: This study showed good sleep quality in elderly living with family in community higher than in nursing home. The nurse may able to give an intervention and collaborate with family or other social support to improve sleep quality in elderly.

Keyword: sleep quality, nursing home, community.

BACKGROUND

Population aging becomes phenomenon which occurs across the world, even developing country like Indonesia. Indonesian population above 60 years old in 2012 was 18.55 million people and being projected over 28.8 million (11.34%) in 2020. (BPS, 2012). Elderly defined as someone aged 60 years old and over (UU Kesejahteraan Lanjut Usia, 1998).

Elderly to be altered by the aging process, one of changes is the circadian rhythm (Stanley & Beare, 2007). Decrease bedtime and increase naptime as a result of changes in the circadian rhythm. Elderly became longer in sleepy stage, difficult to fall asleep, more convenient and frequent waking during night sleep (Leuckenotte, 2006). Along physiological aging, time of NREM stages I and II increase, but time stages III and IV reduced. Even many elderly does not experience NREM IV. REM sleep stage also disrupted due to wake up frequently (Miller, 2004).

The prevalence of sleep disorders in the elderly is 67% (Anggrasari, 2013). Sleep disturbances become one of the major problems for elderly or commonly called geriatric giants (Kane et al, 2008). This is because sleep is an activity to restore the body to function optimally so that the elderly can enjoy a good quality of life. Sleep becomes a basic requirement that acts as one of the main pillars to improve the health and well-being (Stanley & Beare, 2007).

The majority of the elderly population in Indonesia live in the community, while others live in residential institutional (Witoelar, 2012) The phenomenon of living arrangement in elderly would affect the lives of the elderly both in terms of biological, physical, psychological, and social (Martono, 2009). Previous research has shown the existence of different stressors on the elderly living in nursing homes and other household (Rosita, 2012). Also there are differences of depression level in elderly who living in nursing homes and community (Wulandari, 2011). Psychological conditions such as depression and anxiety in the elderly will affect the sleep quality (Sustyani & Indriati, 2013; Wiyono & Widodo, 2010). The definition of sleep quality its self has been unclear. The results of a preliminary study obtained 2 of 10 elderly in communities expressed difficulty to falling asleep, frequent night's sleep disturbed, and fatigue in the morning. While 8 of 20 elderly people in the nursing home expressed night's sleep isnt well enough.

However, previous study have not investigated differences of sleep quality between institutional and community dwelling elderly. Therefore the aim of this study was to compare sleep quality between institutional and community dwelling elderly.

METHODS

Design

This comparative descriptive study using a quantitative approach, employed total and purposive sampling technique.

Participants and procedure

The inclusion criteria were the participant to be 1) registered as resident of Harapan Asri Nursing Home or live with extended family in RW V Kelurahan Pedalangan, Banyumanik, Semarang 2) able to do verbal communication and 3) aged ≥ 60 years old. The exclusion criteria were the participant has 1) physical and psychological impairment, 2) severe cognitive disorder identified by SPMSQ, and 3) die during study. A total of 37 elderly in nursing home and 73 elderly who living with their family in community eligible and agreed to participate in this

study. Door to door interview for data collection was performed by researcher from 05 till 17 May 2014.

Measurement

A validated Indonesian version of PSQI was used to measure sleep quality in this study. Both original and Indonesian version of PSQI had good reliability showed by Cronbach Alpha 0.83 and 0.753 (Buysse, 1988; Safitrie & Ardani, 2013). It is consist of 7 sleep quality components including subjective sleep quality, sleep latency, sleep duration, sleep efficiency, sleep disturbance, use of sleep medication, and daytime dysfunction. Each of them scored from 0 to 3, so PSQI global score ranging between 0 until 21 as a sum of its components. Based on instrument developer's recommendation, score 5 used as cut point, more than 5 indicating poor sleep quality (Buysse, 1988)

Statistical Analysis

Descriptive statistics was used to figure the sleep quality. Normality test (Saphiro-wilk and Kolmogorov-Smirnov test) used to examine data distribution. After normality test, obtained both of group hadn't normal data distribution. Mann-Whitney test were used to compare the variable between two groups. The significant level for statistical test was 5% (0.05).

RESULTS

Table 1. Frequency distribution of responden based on elderly's sleep quality in nursing home and community May 2014 (n=110)

Kategori	Nursing home f (%)	Community f (%)
Good	7(18.9)	40(54.8)
Poor	30(81.1)	33(45.2)
Total	37(100)	73(100)

Descriptive statistic of sleep quality in both groups are presented in table 1. Predominantly participants in nursing home had poor sleep quality with percentage of 81.1%, while the elderly who live with families in more communities have good sleep quality with the percentage of 54.8%.

Table 2. Frequency distribution of responden based on elderly's sleep quality components in nursing home and community May 2014 (n=110)

Component	Nursing home f(%)	Community f(%)
1. Subjective sleep quality		
Very good	7 (18.9)	28 (38.4)
Fairly good	20 (54.1)	34 (46.6)
Fairly bad	10 (27.0)	9 (12.3)
Very bad	0(0) (0%)	2 (2.7)

Component	Nursing home f(%)	Community f(%)
2. Sleep latency		
≤ 15 min	7 (18.9)	21 (28.8)
16-30 min	5 (13.5)	26 (35.6)
31-60 min	10 (27.0)	18 (24.7)
> 60 min	15 (40.5)	8 (11.0)
3. Sleep duration		
> 7 hours	5 (13.5)	11 (15.1)
6-7 hours	4 (10.8)	18 (24.7)
5-6 hours	11 (29.7)	16 (21.9)
< 5 hours	17 (45.9)	28 (38.4)
4. Sleep efficiency		
> 85%	9 (24.3)	41 (56.2)
75-84%	5 (13.5)	15 (20.5)
65-74%	6 (16.2)	8 (11.0)
< 65%	17 (45.9)	9 (12.3)
5. Sleep disturbance		
Not during past month	2 (5.4)	1 (1.4)
≤ 1 a week	28 (75.7)	59 (80.8)
1-2 times a week	7 (18.9)	11 (15.1)
≥ 3 times a week	0 (0)	2 (2.7)
6. Sleep medication		
Not during past month	32 (86.5)	60 (82.2)
≤ 1 a week	2 (5.4)	9 (12.3)
1-2 times a week	0 (0)	4 (5.5)
≥ 3 times a week	3 (8.1)	0 (0)
7. Daytime dysfunction		
Not during past month	24 (64.9)	43 (58.9)
≤ 1 a week	5 (13.5)	25 (34.2)
1-2 times a week	7 (18.9)	4 (5.5)
≥ 3 times a week	1 (2.7)	1 (1.4)

Table 2 shows that a total of 17 respondents (45.9%) living in nursing home have less than 65% of sleep efficiency, while 41 respondents (56.2%) living in the community had more than 85% sleep efficiency. Differences also showed by sleep latency component where 40.5% of respondents in the homeless elderly take more than 60 minutes to fall asleep, while 35.6% of respondents who live with families in the community takes between 16-30 minutes. The majority of the elderly in the house elderly and elderly who live with families in the community showed good subjective sleep quality, sleep duration less than 5 hours, sleep disturbances once a week, never use sleeping pills and never experienced dysfunction during the day.

Table 3. Frequency distribution of responden based on elderly's sleep disturbance in nursing home and community May 2014 (n=110)

Sleep Disturbance	Nursing home f(%)	Community f(%)
1. Cannot get to sleep within 30 min		
Not during past month	9 (24.3)	30 (41.1)
≤ 1 a week	0 (0)	17 (23.3)
1-2 times a week	6 (16.2)	11 (15.1)
≥ 3 times a week	22 (59.5)	15 (20.5)
2. Wake up middle of the night/early morning		
Not during past month	10 (27.0)	13 (17.8)
≤ 1 a week	1 (2.7)	14 (19.2)
1-2 times a week	4 (10.8)	19 (26.0)
≥ 3 times a week	22 (59.5)	27 (37.0)
3. Get up to use bathroom		
Not during past month	9 (24.3)	13 (17.8)
≤ 1 a week	2 (5.4)	14 (19.2)
1-2 times a week	0 (0)	13 (17.8)
≥ 3 times a week	26 (70.3)	33 (45.2)
4. Cannot breathe comfortably		
Not during past month	31 (83.8)	61 (83.6)
≤ 1 a week	3 (8.1)	5 (6.8)
1-2 times a week	3 (8.1)	5 (6.8)
≥ 3 times a week	0 (0)	2 (2.7)
5. Cough or snore loudly		
Not during past month	26 (70.3)	45 (61.6)
≤ 1 a week	3 (8.1)	10 (13.7)
1-2 times a week	5 (13.5)	10 (13.7)
≥ 3 times a week	3 (8.1)	8 (11.0)
6. Feel to cold		
Not during past month	33 (89.2)	56 (76.7)
≤ 1 a week	3 (8.1)	13 (17.8)
1-2 times a week	0 (0)	3 (4.1)
≥ 3 times a week	1 (2.7)	1 (1.4)
7. Feel to hot		
Not during past month	30 (81.1)	47 (64.4)
≤ 1 a week	3 (8.1)	11 (15.1)
1-2 times a week	2 (5.4)	3 (4.1)

Sleep Disturbance	Nursing home f(%)	Community f(%)
≥ 3 times a week	2 (5.4)	12 (16.4)
8. Had bad dream		
Not during past month	27 (73.0)	55 (75.3)
≤ 1 a week	8 (21.6)	14 (18.2)
1-2 times a week	1 (2.7)	1 (1.4)
≥ 3 times a week	1 (2.7)	3 (4.1)
9. Have pain		
Not during past month	33 (89.2)	39 (53.4)
≤ 1 a week	0 (0)	20 (27.4)
1-2 times a week	2 (5.4)	6 (8.2)
≥ 3 times a week	2 (5.4)	8 (11.0)
10. Other reason		
Not during past month	29 (78.4)	69 (94.5)
≤ 1 a week	2 (5.4)	2 (2.1)
1-2 times a week	1 (2.7)	1 (1.4)
≥ 3 times a week	5 (13.5)	1 (1.4)

Table 3 shows that dominantly sleep disturbance which experienced by elderly in Harapan Asri Nursing Home is awakened to use the bathroom. As much as 26 respondents (70.3%) had more than 3 times a week and 2 respondents (5.4%) experience once a week. A total of 22 respondents (59.5%) of respondents experienced difficulty sleeping disorders such as sleep despite lying more than 30 minutes and wake up in the night or too early with a frequency of more than 3 times a week.

Table 3 shows that sleep disturbance which experienced by majority elderly who live with families in the community is woke up to go to the bathroom and woke up in the middle of the night or too early in the morning. A total of 33 respondents (45.2%) woke up to go to the bathroom and 27 respondents (37.0%) with a frequency of more than 3 times a week. Sleep disorders such as trouble sleeping despite lying more than 30 minutes experienced by 43 respondents with a frequency of once a week (23.3%), more than 3 times a week (20.5%), and 2 times a week (15.1%).

Table 4. Mann-Whitney test of elderly's sleep quality in nursing home and community May 2014 (n=110)

Living arrangement	Z	P value
Nursing home	-3.306	0.001
Community		

The result of Mann-Whitney test shows z score in this study is -3.306 with significance 0.001. P value < 0.05 means there is significant differences of elderly sleep quality in both groups.

DISCUSSION

Good sleep quality in older adults living with families in the community was 54.8% (40 respondents) is higher than both sleep quality elderly living at home at 18.9% (7 respondents). On the other hand, poor sleep quality in older adults in the nursing home by 81.1% (30 respondents) is higher than the percentage of poor sleep quality in older adults living with families in the community that is 45% (33 respondents). Research on quality of sleep in older adults living in the house the elderly and elderly people living in the community have not been done, so that research results cannot be compared with previous studies.

Poor sleep quality dominantly occur in nursing home, which is one form of institutional occupancy. This result is supported by Khasanah, in her research that states poor sleep quality in the elderly in an institutional occupancy of 70.1% Semarang (Khasanah, 2012). Similarly Oliveira-Araujo study results showed that 63% of the elderly in long-term institutional care Sao Paulo City get more PSQI score of 5 which means poor sleep quality (Oliveira, 2010). This phenomenon can describe the trend of sleep disorders in the elderly in institutional occupancy. Unlike the predominantly poor sleep quality in nursing home, elderly who live with families have more good quality sleep. This result is supported by Wu research that show 51% elderly in the community have good quality sleep (Wu et al, 2012)

Differences elderly sleep quality in nursing home and in the community can be seen in sleep latency and sleep efficiency. Most (40.5%) in the elderly homeless elderly have sleep latency of 60 minutes, while the majority of sleep latency (89.0%) of elderly living in the community less than 60 minutes (sleep latency less than 15 minutes was 28.8%, 16-30 minutes by 35%, and 31-60 minutes for 24.7%). This difference occurs because elderly in both study sites have different routines or habits before night sleep (Khasanah, 2012). The other sleep quality component that show the difference is sleep efficiency. Sleep efficiency of less than 65% experienced by 45.9% of respondents in the nursing home, while 56.2% of respondents who live with families in the community had a sleep efficiency of more than 85%.

The differences of both sleep quality components in the nursing home and community occurs due to different support. Support the elderly who live in nursing home elderly obtained from or caregiver. Nurse or caregiver on duty for 24 hours to provide routine care to the elderly in institutional occupancy, including the night shift which is the time for the elderly to sleep (Oliveira, 2010). Night sleep can be disrupted due to the routine care, so the sleep efficiency in nursing home is reduced. Support for the elderly in the community obtained from family and friends. Families are able to fulfil elderly's affective function and socialization, as well as friends in the community that provide social support to the elderly. This support will make the elderly feel loved and maintaining healthy behaviour through routine or sleep habit (da Costa, 2011). Sleep and wake up at the same time everyday can be a routine that improve the sleep efficiency (Khasanah, 2012). This is supported by other study that elderly sleep efficiency increases as long as in daily routine stability (Zisberg, 2010).

Living arrangement in elderly became one of the main factors that made up differences of sleep quality. This result is consistent with the theory that the environment will affect the lives of the elderly both in terms of biological, physical, psychological, and social aspect (Martono, 2009). Environmental stressors can be formed in behavioural characteristics of the elderly. There is a tendency in institutional dwelling that not all of elderly feel comfort with other residents, so they doesn care each other. Anxiety or fear if no one care about them can be internal stressor in elderly (Rosita, 2012). Previous research shows that elderly who experience social isolation is reported to have poor sleep quality and increased daytime sleepiness (da Costa, 2011).

According to da Costa, there is a significant correlation between sleep qualities and social relationships in the elderly. Elderly with harmonious family relationships and still engage in roles in society have better sleep quality (da Costa, 2011). Familiar feeling with both the atmosphere and individual objects within will support sleep for elderly (Leuckenotte, 2006). This can be an explanation to answer question why good sleep quality of elderly who living with a family in community is higher than elderly in nursing home.

CONCLUSION

The result of present investigation showed that 81.1% institutionalized elderly subject in Harapan Asri Nursing Home had poor sleep quality and only few of them had good sleep quality. However more than a half (54.8%) elderly subject who living with their family in RW V Kelurahan Pedalangan Banyumanik. There was a tendency that an institutionalized elderly had poorer sleep quality compared to elderly who living with their family in community.

Such information should be considered, even elderly subject on this study had poor sleep quality but many of them had good or very good subjective sleep quality. Moreover, further studies should be developed to answer this phenomenon or design certain strategies to increase sleep quality both in nursing home and community setting. Nurse's role become very important here. Perhaps nurse be able to give an intervention and collaborate with family or other social support to improve sleep quality in elderly.

ACKNOWLEDGEMENT

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REFERENCES

- Anggrasari A P. 2013. *Pengaruh Teknik Relaksasi Benson Terhadap Pemenuhan Kebutuhan Tidur pada Lansia di Panti Wredha Hargo Dedali Surabaya*. Jurnal Kesehatan "Samodra Ilmu". Vol 4. No 02.
- BPS. 2012. *Statistik Penduduk Usia Lanjut Indonesia 2012*. Katalog BPS. 2012. Accessed from <http://www.bps.go.id> on October 25th 2013.

- Buysse D J, Reynolds III C F, Monk T H, Berman S R, Kupfer D J. 1988. *The Pittsburgh Sleep Quality Index: A New Instrument for Psychiatric Practice and Research*. Psychiatry research. Vol 28. 193-213.
- Da Costa AV, Ceolim MF, AL. 2011. *Sleep Problems and Social Support: Frailty in a Brazillian Elderly Multicenter Study*. Rev. Latino-Am. Enfermagem. Vol 19. No 4. 920-7.
- Kane R L, Ouslander J G, Abrass I B, Resnick B. 2008. *Essentials of Clinical Geriatrics*. New York: McGraw-Hill.
- Khasanah K, Hidayati W. 2012. *Kualitas Tidur Lansia Balai Rehabilitasi Sosial "MANDIRI" Semarang*. Jurnal Nursing Studies. Vol 1. No 1. 189-196.
- Lueckenotte AG. 2006. *Gerontologic Nursing*. 3rd edition. Missouri: Mosby Inc.
- Martono HH. 2009. *Pelayanan Sosial-Kesejahteraan pada Usia Lanjut*. Dalam: Martono HH, Pranarka K (Editor). *Buku Ajar Boedhi-Darmojo Geriatri (Ilmu Kesehatan Usia Lanjut)*. Edisi ke-4. Jakarta. Pusat penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia. 763-770.
- Miller CA. 2004. *Nursing Care of Older Adult: Theory and Practice*. 4th edition. Philadelphia: Lippincott.
- Oliveira-Araujo Cld, Ceolim M. 2010. *Sleep Quality of Elders Living in Long-term Care Institutions*. Vol 44. No 3. 2010. 615-22.
- Rosita. 2012. *Stressor Sosial Biologi Lansia Panti Wredha Usia dan Lansia Tinggal Bersama Keluarga*. BioKultur. Vol 1. No 1. 43-52.
- Safitrie A, Ardani MH. 2013. *Studi Komparatif Kualitas Tidur Perawat Sift dan Non Sift di Unit Rawat Inap dan Unit Rawat Jalan*. Prosiding Konferensi Nasional Ppni Jawa Tengah. 17-23.
- Stanley M, Beare PG. 2007. *Buku Ajar Keperawatan Gerontik*. Edisi 2. Jakarta: EGC.
- Sustyani RA, Indriati PA, Supriadi. *Hubungan Antara Depresi dengan kejadian Insomnia Pada Lanjut Usia di Panti Wredha Harapan Ibu Semarang*. Accessed from <http://www.ejournal.stikestelogorejo.ac.id> on October 2013
- Undang-Undang Republik Indonesia no 13 tahun 1998 tentang Kesejahteraan Lanjut Usia. Accessed from http://www.dpr.go.id/uu/uu1998/UU_1998_13.pdf on October 10th 2013.
- Witoelar F. 2012. *Household Dynamics and Living Arrangement of the Elderly in Indonesia: Evidence from a Longitudinal Survey*. 229-260.
- Wiyono W, Widodo A. 2010. *Hubungan antara Tingkat Kecemasan dengan Kecenderungan Insomnia pada Lansia di Panti Wredha Dharma Bhakti*. Berita Ilmu Keperawatan ISSN 1979-2697. Vol 2. No 2. 87-92
- Wu CY, Su TP, Fang CL, Chang MY. 2012. *Sleep Quality Among Community-Dwelling Elderly People and Its Demographic, Mental and Physical Correlates*. Journal of the Chinese Medical Association. Vol 75. 75-80.
- Wulandari AFS. 2011. *Kejadian dan Tingkat Depresi pada Lanjut Usia: Studi Perbandingan di Panti Wredha dan Komunitas*.
- Zisberg A, Gur-Yaish N, Shochat T. 2010. *Contribution of Routine ti Sleep Quality in Community Elderly*. Sleep. Vol 33. No 4. 509-14.

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2	Anissa Cindy Nurul Afni ¹⁾	A Review Of Literature: Nursing Competencies In Disaster Management; Implication For Nursing Curriculum Of Disaster Nursing
3	Suhartini Ismail ¹⁾ , Urai Hatthakit ²⁾ , Tippamas Chinawong ³⁾	Caring Science Within Islamic Contexts; A Literature Review
4	Hery Wibowo ¹⁾ , Retty Ratnawati ²⁾ , Dian Susmarini ³⁾ , Indah Winarni ⁴⁾ , Kumboyono ⁵⁾	Enhancing Nurses Experience In Collaboration With The Physicians In The Emergency Room
5	Jed Patrick Montero Catalan	Care Needs Versus Care Supplied: The Nursing Strategies For Senior Gays And Lesbians
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2	<u>Fuji Rahmawati</u> ¹⁾ , Elsa Pudji Setiawati ²⁾ , Tetti Solehati ³⁾ , Ardini S Raksanagara ⁴⁾ , Wiwi Mardiah ⁵⁾ , Desy Indra Yani ⁶⁾	The Effect Of Family Support On Quality Of Life Of Patients With Type 2 Diabetes Mellitus In Working Area Of Puskesmas Situ Region Of North Sumedang District Of Sumedang
3	<u>Laili Rahayuwati</u> ¹⁾ , Kusman Ibrahim ²⁾ , Maria Komariah ³⁾ , Wiwi Mardiah ⁴⁾ , Muhammad Ridwan ⁵⁾	Living With Breast Cancer And Choosing Therapies For Breast Cancer Patients
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7	<u>Bayhakki</u> ¹⁾ , Erwin ²⁾ , Wasisto Utomo ³⁾	Experiences Of Receiving Infusion Therapy During Hospitalization
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2	Ummu Muntamah	The Effect Of Music Therapy To Decrease Pain Scale In Clients With Post-Operation In Ungaran General Hospital 2014
3	Meidiana Dwidiyanti	The Effectiveness Of SOWAN Program Holistic Nursing Intervention On Pulmonary TB Patients' Independence Level
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6	Vindriani Widyakurniawati ¹⁾ , <u>Martiyarini Budi Setyawati</u> ²⁾ , Danang Triyudono ³⁾	The Effect Of Ear Candle Therapy Towards Decreasing Level Of Insomnia Of STIKES Harapan Bangsa Undergraduate Students



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2	Genius Bulolo ¹ , Yulindra M.N ² , <u>VentiAgustina</u> ²	Nutritional Assesment And Factors Affecting Children’s Nutrition Status In Samiranan Village, Kandangan District, Temanggung, Central Java
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4	Quartilosia Pinastika Sandhityarini ¹⁾ , <u>Nurullya Rachma</u> ²⁾	Sleep Quality Among Elderly In Nursing Home And Community-Dwelling:A Comparative Study
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2	Siti Haryani	Descriptive Study On Mother’s Knowledge About Preparation Of Toilet Training On The Children With The Age Toddler (1 – 3 Years) In Winong Village Ngampel District Kendal Regency
3	Sulidah	Correlation Between Knowledge Of Mothers With Complete Basic Immunization Status In Infants
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4	<u>Hasnah Yahaya</u> ¹⁾ , Rohaida ²⁾ , Nik Safiah Nik Ismail ³⁾	A Study on Women Life after Breast Cancer Treatment
5	Itha Kartika Ardina ¹⁾ , <u>Zubaidah</u> ²⁾	Mothers’ knowledge, attitude, and practice about unhealthy snack among school aged children
6	<u>Dwi Septian Wijaya</u> ¹⁾ , Arif Nurma Etika ²⁾ , Eva Dwi Ramayanti ³⁾	The effect of Spiritual Emotional Freedom Technique (SEFT) for smoking intensity on students of SMAN 5 Kediri 2015
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9	<u>Luky Dwiantoro</u> ¹⁾ , Budi Anna Keliat ²⁾ , Adang Bachtiar ³⁾ , Rr Tutik Sri Hariyati ⁴⁾	The relationship between caring in Primary Health Care team and the achievement of maternal health program in Indonesia
10	Harin Hidayahurochmah ¹⁾ , <u>Wahyu Hidayati</u> ²⁾	Pain scale differences during Arterio-Venous (AV) fistula and femoral puncture in chronic kidney disease patient in the Hemodialysis Unit



11	<u>Kastuti Endang T¹⁾</u> , <u>Dwi Astuti,S²⁾</u>	The effect of Self Care Model "Orem" application to the level of family independence in Pulmonary Tuberculosis Treatment
12	<u>Puji Purwaningsih¹⁾</u> , <u>Nurul Devi Ardiani²⁾</u>	A literature review: Moderate pressure massage therapy as a continued intervention for preterm infants at home
13	<u>Ratna Yuliati¹⁾</u> , <u>Anggorowati²⁾</u>	The relationship between maternal motivation and breastfeeding behavior in Kendal
14	<u>Ciptaningrum Marisa P¹⁾</u> <u>M. Hasib Ardani²⁾</u>	The effectiveness of the pinwheel toy toward cooperative behavior of preschool during infusion procedure in Roemani Muhammadiyah Hospital Semarang
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16	Panpimol Sukwong	Shaman " <i>tu txiv neeb</i> ": Traditional healing of Hmong community in Northern Thailand
17	<u>Kadek Ayu Erika¹⁾</u> , <u>Lenni Marlina²⁾</u> , <u>Nurmaulid, Suni Hariati³⁾</u> , <u>Nurhaya Nurdin⁴⁾</u>	The effect of mosquito coil on Peak Expiratory Flow Rate (PEFR) in selected public elementary school in South Sulawesi
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2	Ferry Nirwana Ade Saputra1), Devi Nurmalia2)	Description of the implementation of safe surgery checklist in Central Surgical Department
3	Krismas Bayu Nugroho ¹⁾ , Elsa Naviati ²⁾	The description of knowledge level in treating diarrhea on Balita (children under five) In Public Health Center Work Area Wirosari 2, Wirosari District, Grobogan Regency
4	Andi Ayu Octo Roswahyuni, Sarah Ulliya	Overview on the Implementation of Caring Interaction between Nurses and Patients in RSJD Dr. Amino Gondhohutomo Semarang.
5	Ike Puspitaningrum1), Siti Robiah2), Dwi Widyastuti3), Sri Purweni4), Devi Nurmalia5)	Nursing documentation guidelines on improving the qualities of the nursing diagnosis, outcome and intervention
6	Roziyah Arabi1), Kamisah Osman2), Hamidah Hassan3), Harlina Harlizah Siraj4)	Nursing students' clinical competency components in Malaysia: An expert interviews study
7	Anggiesa Rinanta F1), Artika Nurrahima2)	Factors affecting fast food consumption behavior in nursing students Faculty of Medicine Diponegoro University
8	Erika Rahayu1), Anggorowati2)	Implementation of exclusive breastfeeding in nurses who working in Hospital
9	Widodo Sarjana1), Alifiati Fitrikasari2), Sri Padma Sari3)	Recovery among People with Mental Illness Perceived by Caregivers lived in Boarding School
10	Dwi Yuniar Ramadhani1), Umi Setyoningrum2)	The effect of cognitive stimulation therapy (CST) toward the improvement of cognitive and quality of life in elderly with dementia
11	Wiwin Nur Aeni 1), Renny Triwijayanti 2)	The impact between preceptorship towards the nurses' abilities in providing psycho-social needs of patients suffering cancers



12	Esthi Darmastuti ¹⁾ , Sari Sudarmiati ²⁾	The relationship between sleep disorders: The degree of insomnia and women menopause quality of life in Tembalang Village
13	Sri Rejeki ¹⁾ , Tri Hartiti ²⁾	Spouse's electric accupressure metacarpal practice method for reducing pain of mother's in first stage labour
14	Niken Safitri Dyan Kusumaningrum ¹⁾ , Costrie G W ²⁾ , Sultana MH Faradz ³⁾	Male's involvement towards genetic counseling: A survey in Indonesia and Singapore
15	Kartika Setia Purdani 1), Putri Puspitasari 2)	Preventive action for housewife to reduce HIV/AIDS
16	Lidia Ruliastiniwa B1), Rita Hadi Widyastuti ²⁾	The effectiveness of spiritual intervention on depression among elderly
17	Rosalia Aini La'bah, Dwi Susilawati	the correlation between quality of life and sexual intercourse of menopause mothers on Pabelan Village, Sukoharjo
18	Wiwik Misnawati 1), Chandra Bagus Ropyanto ²⁾	The Effect of dzikir concerning to pain level after surgical operation

