





## Faculty of Nursing Universitas Airlangga









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Ns. Antarini Idriansari, M.Kep., Sp.Kep.An.

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**Oral Presenter** 

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> Speaker Moderator

3 SKP 2 SKP

Committee 2

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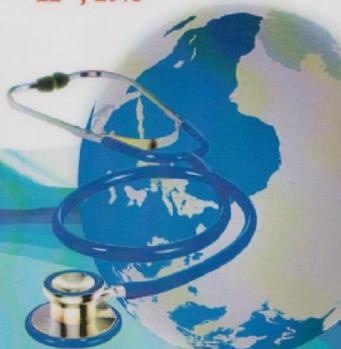
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Faculty of Nursing University of Airlangga The 4th International Nursing Conference

# **Improving Quality of Nursing** Care Through Nursing **Research and Innovations**

September, 21st - 22nd, 2013





Faculty of Nursing University of Airlangga



Penerbit Salemba Medika



















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### Theme 2 **Pediatric Nursing**

NO	TOPIC		
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2.	The Impact of Developmental Care on Sleep-Awake State in Low Birth Weight Infants  Antarini Idriansari <sup>1</sup> , Yeni Rustina <sup>2</sup> , Sutanto Priyo Hastono		
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6.	Literature Review : Applying Caring Behavior to The Children using Intravenous Therapy Ana Farida Ulfa		
7.	Music Therapy for Preterm Infant Care  Merlyna Suryaningsih, S.Kep., Ns		
8.	A Comparative Study On The Independent Development Between Preschool Children In Day Care Facility And Those Cared By Housemaid Aria Aulia Nastiti, Sri Utami		
9,	Management Of Psychological Problems To Improve Quality Of Life In The Parent Of Chronic Illness Children: A Literature Review Praba Diyan Rachmawati		
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11.	A Literature Review: Music Therapy For Anxiety In Children With Invasive Procedure Sri Wahyuni		
12.	The Relations of Noise Intensity Environmental School on Edge Street with Learning Achievement Student Grade VIII F in SMP Negeri 3 Kediri. Moch. Maftuchul Huda, Rosalia Aruma Putri		

14.00-14.15	Parental Behaviour: 'Safe Kids' on Injury Prevention in Children
11.00 . 1.10	School Aged
	NuzulQur'aniati, S.Kep., Ns., M.Ng*., Kristiawati, SKp., M.Kep., Sp.
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14.15-14.30	The Impact of Developmental Care on Sleep-Awake State in Low
	Birth Weight Infants
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15.30-15.45	Exclusive Breastfeeding and Immunity among Infants in
	Pekanbaru
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15.45-16.00	Management Of Psychological Problems To Improve Quality
	Of Life In The ParentOf ChronicIllness Children: A Literature
	Review
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	With Invasive Procedure
	Sri Wahyuni
16.15- 16.30	ExcerciseProgramTo Improve QualityOf
	LifeAndPhysicalFunction With Cancer Children
	UndergoingChemotherapy: A Literature Review
	IqlimaDwiKurnia

### THE IMPACT OF DEVELOPMENTAL CARE ON SLEEP-AWAKE STATE IN LOW BIRTH WEIGHT INFANTS

Antarini Idriansari 1, Yeni Rustina<sup>2</sup>, Sutanto Priyo Hastono<sup>3</sup> Nursing Science Study Program, University of Sriwijaya, South Sumatera<sup>1</sup>; Faculty of Nursing, University Of Indonesia, Jakarla<sup>2</sup>; Faculty of Public Health, University of Indonesia<sup>3</sup>

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The purpose of this study was to identify the impact of developmental care on sleepawake behavior of low birth weight (LBW) infants. The developmental care in this study included: put an incubator cover, earplugs, and nest; dim the lights, and flexion position. This study used quasi experimental with self-controlled study design. The samples size were 15 LBW infants in neonatal unit in RSUP Fatmawati Jakarta and whom were chosen by purposive sampling technique. Collected data were analyzed by using paired t test and wilcoxon test. There were significant differences of developmental care on increasing quiet sleep state (p=0.002) and decreasing active sleep state (p=0.003). This study recommend that developmental care can be implemented in caring for LBW infants in neonatal unit.

Keywords: developmental care, sleep-awake behavior, low birth weight infants