

DAFTAR PUSTAKA

1. Bruce J, Krukowski ZH. Quality of life and chronic pain four years after gastrointestinal surgery. *Dis Colon rectum* 2006;49(9):1362-70.
2. Caio Marcio Barros de Oliveira T. Intraoperative intravenous lidocaine. *Revista Brasileira de Anestesiologia*. 2010;60(3):325-33.
3. BK Baral et al. Perioperative intravenous lidocaine infusion on postoperative pain relief in patients undergoing upper abdominal surgery. *Nepal med coll J*. 2010;12(4):215-20.
4. Armen Muchtar, F.D Suyatna. Obat Anti Aritmia. In: Sulistia Gan Gunawan, Rianto Setiabudy, Nafrialdi, Elysabeth (eds). *Farmakologi dan Terapi 5th*. Jakarta. Departemen Farmakologik dan Terapeutik. 2009. P 329-331.
5. Abdourahamane Kaba M, et al. Intravenous lidocaine infusion facilitates acute rehabilitation after laparoscopic colectomy. *American Society of Anesthesiologists*. 2007;106:11-8.
6. Dicky Hartawan. Efektivitas pemberian Lidocain Intravena 1,5mg/kg/jam untuk Nyeri Pada Pasien Pasca Laparotomi di RSUP Dr. Kariadi Semarang. Faculty of Medicine. Semarang: Diponegoro University, 2012.
7. A. Kaba BJD, S. R. Laurent, M. L. Lamy, J. L. Joris. Acute Rehabilitation Program after Laparoscopic Colectomy using Intravenous Lidocaine. 2005;105:53-8.
8. Vigneault L, Turgeon A, Cote D, et all. Perioperative intravenous lidocaine infusion for postoperative pain control : a meta-analysis of randomized controlled trials. *Canadian Journal of Anesthesia/Journal canadien d'anesthesie*. 2011;58(1):22-37.
9. Weihua Cui YL, Shuren Lia, Rulong Wang and Junfa Li. Systemic administration of lidocaine reduces morphine requirements and postoperative pain of patients undergoing thoracic surgery after propofol-

- remifentanil-based anesthesia. *European Journal of Anesthesiology*. 2010;27:41-6.
10. Witjaksono, Yulia Wahyu Villyastuti, Doso Sutiyono. Masalah Nyeri. In : Soenarjo, Heru Dwi Jarmiko (eds). *Anesthesiologi*. Semarang : Ikatan Dokter Spesialis Anestesi dan Reanimasi (IDSAI) Cabang Jawa Tengah; 2010. P295-304.
 11. Marsaban A ME, Bagianto H. Ilmu Pengetahuan Dasar mekanisme Fisiologi Nyeri. In: S C, ed. Jakarta: Perhimpunan Dokter Spesialis Anesthesiologi Dan Reanimasi Indonesia 2009.
 12. Kehlet H DJ. Anesthesia for Caesarean Delivery. *Anesthesia-Analgesia*. 1993;v:77.
 13. Henrik Kehlet TSJ, Clifford J Woolf. Persistent postsurgical pain: risk factors and prevention. *Addiction* [Internet]. 2006 [cited 2013 July 26]; v.367. Available from : <http://www.thelancet.com>.
 14. Lewin-Koh JTL-HCS-C. Socioeconomic and psychosocial factors influence pain or physical function in Asian patients with knee or hip osteoarthritis. 2002; v. 61.
 15. Won A. Pain in the elderly. In: Warfield CA. editor. : McGraw-Hill. Principles and practice of pain management. New York, 2004.
 16. Vikram Kate, MBBS, MS, PhD, FRCS, FRCS(Edin), FRCS(Glasg), MAMS, FIMSA, MASCERS, FACS, FACG. Exploratory laparotomy. *Addiction* [Internet]. 2013 [cited 2013 August 16]. Available from: Medscape.
 17. Saunders D.I. Murray D. Pichel A.C. Varley S. Peden C.J. Variations in mortality after emergency laparotomy: the first report of the UK Emergency Laparotomy Network. *British Journal of Anesthesia*. 2012. 109 (3): 368–75.
 18. Pasquale Niscola AT, Laura Scaramucci, Marco Giovaninni, Luca Cupelli, Vitaliana De Sanctis, Gregorio Antonio Brunetti, Francesco Bondanini, Roberto Palumbo, Michela Lamanda, Roberta Battistini, Claudio Cartoni,

- Claudio Romani, Edoardo Arcuri Disclosures. Pain in Malignant Hematology. *Expert Rev Hematol* 2011;4(1):81-93.
19. H. Breivik PCB, S.M. Allen, L.A. Rosseland, L. Romundstad, E.K. Breivik Hals, G. Kvarstein and A. Stubhaug. Assessment of Pain. *British Journal of Anaesthesia*. 2008;101 (1):17-24.
 20. E. John Gallagher MML, MD Polly E. Bijur, PhD. Prospective Validation of Clinically Important Changes in Pain Severity Measured on a Visual Analog Scale. In: Department of Emergency Medicine AECOM, Bronx, NY., ed.: *Annals of Emergency Medicine*, 2001.
 21. Muhammad Vinci Ghazali, Suharyono Sastromihardjo, Sri Rochani Soedjarwo, Titi Soelaryo, Hariarti S Pramulyo. Studi *cross-sectional*. In : Sudigdo Sastroasmoro, Sofyan ismael (eds). *Dasar-Dasar Metodologi Penelitian Klinis*. Jakarta : Sagung Seto. 2008. p 112-125.
 22. Sudigdo Sastroasmoro. Pemilihan Subyek penelitian. In : Sudigdo Sastroasmoro, Sofyan ismael (eds). *Dasar-Dasar Metodologi Penelitian Klinis*. Jakarta : Sagung Seto. 2008. p 82-89.
 23. Bambang Madiyono, S Moeslichan Mz, Sudigdo Sastroasmoro, I Budiman, S Harry Purwanto. Perkiraan Besar Sampel. In : Sudigdo Sastroasmoro, Sofyan ismael (eds). *Dasar-Dasar Metodologi Penelitian Klinis*. Jakarta : Sagung Seto. 2008. p 310-323.
 24. Sopiudin Dahlan. *Statistik Untuk kedokteran dan Kesehatan*. 5th ed. Jakarta : Salemba Medika. 2011.

LAMPIRAN

Lampiran 1. Hasil Output Statistik

a) Frekuensi

JK

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	8	16.7	33.3	33.3
	Perempuan	16	33.3	66.7	100.0
	Total	24	50.0	100.0	
Missing	System	24	50.0		
Total		48	100.0		

Statistics

		JK	Umur	BB
N	Valid	24	24	24
	Missing	24	24	24
Mean		1.67	50.04	56.25
Median		2.00	50.00	54.50
Mode		2	50	50
Std. Deviation		.482	5.465	12.453
Minimum		1	42	40
Maximum		2	60	80

b) Uji Sta Statistik pada Subyek Penelitian

JK	N	Mean Rank	Sum of Ranks
vas 0 jam Laki-laki	8	13.25	106.00
Perempuan	16	12.13	194.00
Total	24		

	vas 0 jam
Mann-Whitney U	58.000
Wilcoxon W	194.000
Z	-.443
Asymp. Sig. (2-tailed)	.658
Exact Sig. [2*(1-tailed Sig.)]	.742 ^a

a. Not corrected for ties.

b. Grouping Variable: JK

			BB	vas 0 jam
Spearman's rho	BB	Correlation Coefficient	1.000	-.323
		Sig. (2-tailed)	.	.124
		N	24	24
	vas 0 jam	Correlation Coefficient	-.323	1.000
		Sig. (2-tailed)	.124	.
		N	24	24

Correlations

			vas 0 jam	Umur
Spearman's rho	vas 0 jam	Correlation Coefficient	1.000	.358
		Sig. (2-tailed)	.	.085
		N	24	24
	Umur	Correlation Coefficient	.358	1.000
		Sig. (2-tailed)	.085	.
		N	24	24

c) Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
vas 0 jam	.366	24	.000	.735	24	.000
vas 12 jam	.264	24	.000	.784	24	.000
vas 24 jam	.251	24	.000	.814	24	.000
vas 48 jam	.262	24	.000	.792	24	.000

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
JK	.422	24	.000	.598	24	.000
Umur	.253	24	.000	.872	24	.006
BB	.192	24	.022	.923	24	.067

a. Lilliefors Significance Correction

d) *Wilcoxon Rank Test*

		Ranks		
		N	Mean Rank	Sum of Ranks
vas 48 jam - vas 0 jam	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	19 ^b	10.00	190.00
	Ties	5 ^c		
	Total	24		

a. vas 48 jam < vas 0 jam

b. vas 48 jam > vas 0 jam

c. vas 48 jam = vas 0 jam

Test Statistics ^b	
	vas 48 jam - vas 0 jam
Z	-3.963 ^a
Asymp. Sig. (2-tailed)	.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test



KOMISI ETIK PENELITIAN KESEHATAN (KEPK)
FAKULTAS KEDOKTERAN UNIVERSITAS DIPONEGORO
DAN RSUP dr KARIADI SEMARANG
 Sekretariat : Kantor Dekanat FK Undip Lt.3
 Jl. Dr. Soetomo 18. Semarang
 Telp.024-8311523/Fax. 024-8446905



ETHICAL CLEARANCE
No.070/EC/FK/RSDK/2013

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro/ RSUP Dr. Kariadi Semarang, setelah membaca dan menelaah Usulan Penelitian dengan judul :

**HUBUNGAN PEMBERIAN LIDOKAIN 1,5 MG/KG/JAM INTRAVENA
 TERHADAP NYERI PASCA LAPAROTOMI DINILAI DENGAN
 VISUAL ANALOG SCALE (VAS)**

Peneliti Utama : Isni Meilasari
 Pembimbing : dr. Heru Dwi Jatmiko, Sp.An,KAKV, KAP
 Penelitian : Dilaksanakan di RSUP Dr. Kariadi Semarang,

Setuju untuk dilaksanakan, dengan memperhatikan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki 1975, yang diamended di Seoul 2008 dan Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI 2011

Penelitian ini tidak memerlukan Informed consent karena menggunakan Data Rekam Medik RSUP Dr. Kariadi Semarang.

Semarang, 9 April 2013

Komisi Etik Penelitian Kesehatan
 Fakultas Kedokteran Undip/RSUP Dr. Kariadi
 Sekretaris



KEPK
 FK. UNDIP
 RS. Dr. KARIADI
 SEMARANG

Salamat Budijitno, M.Si.Med, Sp.B(K)-Onk
 NIP. 19710807200812 1 001

Lampiran 3. Biodata mahasiswa

Identitas

Nama : Isni Meilasari
NIM : G2A 009 112
Tempat/tanggal lahir : Cirebon, 9 Mei 1991
Jenis kelamin : Perempuan
Alamat : Jl. Ciremai Raya no.187 Kota Cirebon
Nomor Telepon : 085659875922
Email : meilasariisni09@gmail.com

Riwayat Pendidikan Formal

1. SDN Guntur Kota Cirebon (1997 – 2003)
2. SMPN 1 Kota Cirebon (2003 – 2006)
3. SMA Taruna Nusantara Magelang (2006 – 2009)
4. Fakultas Kedokteran Universitas Diponegoro (2009 - sekarang)

Keanggotaan Organisasi

1. Staf Bidang Seni dan Olahraga BEM KU 20010 (2010 – 2011)
2. Bendahara RHEU KU UNDIP 2011 (2011 – 2012)
3. Asisten histologi FK Undip 2011
4. Staf Asy-Syifa Medical Team (2011 - 2012)
5. Anggota KRESNA Fakultas Kedokteran UNDIP (2012 – sekarang)

Pengalaman Mengikuti Lomba Karya Ilmiah

1. Raras Rachmandiar dan Isni Meilasari. Soft drink kedelai sebagai terapi pada kanker kolon. BAPIN – ISMKI. Gagasan Tertulis Temu Ilmiah Nasional 2011.