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Lampiran 1. Ethical clearance

	<p>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 50231 Telp/Fax. 024-8318350</p>	
<p>ETHICAL CLEARANCE No.249 /EC/FK-RSDK/2014</p>		
<p>Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro- RSUP Dr. Kariadi Semarang, setelah membaca dan menelaah Usulan Penelitian dengan judul :</p>		
<p>PENGARUH DURASI TINDAKAN INTUBASI TERHADAP RATE PRESSURE PRODUCT (RPP)</p>		
<p>Peneliti Utama : Rizky Mayo Utama</p> <p>Pembimbing : dr. Yulia Wahyu Villyastuti, Sp.An</p> <p>Penelitian : Dilaksanakan di Instalasi Bedah Sentral RSUP Dr. Kariadi Semarang.</p>		
<p>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</p> <p>Peneliti harus melampirkan 2 kopi lembar Informed consent yang telah disetujui dan ditandatangani oleh peserta penelitian pada laporan penelitian. Peneliti diwajibkan menyerahkan :</p> <ul style="list-style-type: none"> - Laporan kemajuan penelitian (clinical Trial) - Laporan kejadian efek samping jika ada ✓-Laporan ke KEPK jika penelitian sudah selesai & dilampiri Abstrak Penelitian. 		
<p>Semarang, 06 MAY 2014</p> <p>Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Undip-RSUP Dr. Kariadi Ketua</p> <p></p> <p>Prof. Dr. dr. Suprihati, M.Sc, Sp.THT-KL(K) NIP. 19500621197703 2 001</p>		

Lampiran 2. Lembar penelitian

Lampiran

Judul Penelitian:
Perbedaan tekanan darah dan laju jantung setelah pemasangan LMA dibandingkan pipa ET dengan lidokain 1,5 mg/kgbb intravena

Instansi Pelaksana:
Departemen /SMF Anestesiologi FK Urdip / RSUP Dr Kariadi Semarang

Persetujuan Setelah Penjelasan
(INFORMED CONSENT)

Berikut naskah yang dibacakan pada responden penelitian, berisi penjelasan apa yang akan dialami oleh responden.

Bapak/ Ibu Yth : _____

Tujuan Penelitian :
Kami akan meneliti perbedaan tekanan darah dan laju jantung setelah pemasangan LMA dibandingkan intubasi ET dengan lidokain

Tindakan yang akan dialami pasien :
Pasien yang akan dilakukan operasi diberi suntikan melalui jalur infus: obat bius, anti nyeri dan pelemas otot. Kemudian dipasang alat saluran nafas LMA atau pipa ET. Bila dipasang pipa ET, 2 menit sebelumnya diberi suntikan lidokain 1,5 mg/kg.
Dilakukan pencatatan tekanan darah dan laju jantung sebelum pemasangan alat dan sesudah pemasangan alat hingga menit ke-10.
Hasil dari pemeriksaan ini akan dipublikasikan berdasarkan gambaran dan analisis data perlakuan, bukan berdasarkan identitas pasien.
Atas kerjasamanya Bapak/Ibu, kami ucapkan banyak terimakasih.
Setelah mendengar dan memahami penjelasan penelitian dengan ini saya menyatakan:
SETUJU / TIDAK SETUJU Untuk ikut sebagai responden / sampel penelitian.

Semarang, 9-12-2012 2012

Responden:	Saksi:
Nama : _____	Nama : dr. Zico.
Alamat : <u>Sinwanto</u> <u>Sudinaga Rt 1/s</u> <u>Taman Gubage</u>	Alamat : <u>Lempung Sari II no.472</u>

PROTOKOL PENELITIAN

Perbedaan tekanan darah dan laju jantung setelah pemasangan LMA dibandingkan pipa ET
dengan lidokain intravena 1,5 mg/kg

Data pasien:

Nama :	Diagnosis :
Jenis Kelamin :	Jenis Operasi :
Umur :	ASA :
Berat badan :	Tanggal :
Tinggi badan :	LMA / ET no :
No. Register :	

Data perlakuan:

Midazolam (mg)	Lidokain (mg)	Fentanyl (mcg)	Propofol (mg)	Vecuronium (mg)	LMA / ET No:

Data hasil:

Parameter	Sebelum intubasi/ LMA	Setelah intubasi / LMA			
		Menit 1	Menit 5	Menit 10	Menit 15
TD Sistolik					
TD Diastolik					
MAP					
Laju Jantung					
RPP					

Lama intubasi :

Lampiran 3. Data primer

No.	Nama	Umur	Jenis kelamin	BB	TB	Lama intubasi	Diagnosis	ASA	Pra perlakuan			Post perlakuan (menit 1)			Post perlakuan (menit 2)			Post perlakuan (menit 5)			Post perlakuan (menit 10)		
									TDS	HR	RPP	TDS	HR	RPP	TDS	HR	RPP	TDS	HR	RPP	TDS	HR	RPP
1	Ny. Welas Asih	52 tahun	Perempuan	60 kg	155 cm	23 detik	OS vitreus hemorage	II	135	85	11475	153	102	15606	174	103	17922	153	88	13464	138	88	12144
2	Ny. Ruminah	54 tahun	Perempuan	63 kg	158 cm	22 detik	Batu pyelum	II	97	72	6984	160	87	13920	136	78	10608	107	74	7918	106	73	7738
3	Ny. Masesah	53 tahun	Perempuan	52 kg	155 cm	22 detik	OS tumor retrobulber	I	115	84	9660	143	84	12012	129	84	10836	118	81	9588	110	83	9130
4	Ny. Sugiyanti	32 tahun	Perempuan	61 kg	158 cm	21 detik	Rhinosinusitis kronik	II	110	62	6820	120	58	6960	117	53	6201	119	55	6545	118	59	6962
5	Ny. Alfiah	45 tahun	Perempuan	50 kg	155 cm	23 detik	Neoplasma ovarium kistik	I	110	91	10010	163	97	15811	127	105	13335	106	81	8586	100	67	6700
6	Ny. Khamidah	42 tahun	Perempuan	60 kg	158 cm	21 detik	Tumor glandula lakrimalis	I	113	88	9944	127	99	12573	128	87	11136	119	86	10234	109	88	9592
7	Nn. Mai	19 tahun	Perempuan	61 kg	155 cm	23 detik	Impaksi	I	120	80	9600	124	81	10044	120	78	9360	120	71	8520	104	76	7904
8	Ny. Mariatu	52 tahun	Perempuan	50 kg	155 cm	21 detik	Rhinosinusitis	II	94	90	8460	118	110	12980	120	111	13320	125	110	13750	130	92	11960
9	Ny. Sitiati	32 tahun	Perempuan	44 kg	153 cm	21 detik	Eruptiodifialis	I	106	82	8692	106	86	9116	125	84	10500	100	87	8700	107	79	8453
10	Ny. Yati	50 tahun	Perempuan	38 kg	158 cm	22 detik	OD Afakia	II	107	67	7169	139	72	10008	104	72	7488	100	61	6100	102	46	4692
11	Ny. Salamah	56 tahun	Perempuan	53 kg	160 cm	29 detik	SNNT	I	128	85	10880	204	99	20196	176	104	18304	129	101	13029	110	93	10230
12	Tn. Suratno	56 tahun	Laki - laki	60 kg	165 cm	21 detik	Inverted papiloma hidung	I	111	76	8436	160	80	12800	135	81	10935	140	77	10780	130	75	9750
13	Tn. Haloesna	40 tahun	Laki - laki	58 kg	155 cm	22 detik	OS ablatio retina	II	138	72	9936	175	80	14000	159	80	12720	156	74	11544	131	77	10087
14	Tn. Santono	44 tahun	Laki - laki	60 kg	165 cm	21 detik	OD v. hemorage	I	117	79	9243	175	80	14000	158	82	12956	128	84	10752	118	83	9794
15	Tn. Joko Surono	43 tahun	Laki - laki	75 kg	170 cm	25 detik	Corpus alienum wajah	I	130	80	10400	125	85	10625	120	81	9720	115	80	9200	110	76	8360
16	Tn. Asri	49 tahun	Laki - laki	90 kg	172 cm	21 detik	STT	II	110	71	7810	111	73	8103	116	76	8816	123	78	9594	132	85	11220
17	Tn. Totok	19 tahun	Laki - laki	70 kg	172 cm	21 detik	OMK Aurikula sinistra	I	113	69	7797	104	72	7488	94	70	6580	162	99	16038	137	81	11097
18	Tn. Miftahuddin	50 tahun	Laki - laki	73 kg	169 cm	21 detik	Colelithiasis	II	127	82	10414	143	94	13442	173	89	15397	141	82	11562	128	78	9984
19	Tn. Slamet	44 tahun	Laki - laki	58 kg	160 cm	21 detik	OS RRD	II	121	87	10527	146	99	14454	152	105	15960	146	91	13286	127	86	10922
20	Tn. Widodo	52 tahun	Laki - laki	70 kg	172 cm	15 detik	Rhinosinusitis kronis	I	141	94	13254	145	94	13630	122	91	11102	127	85	10795	120	76	9120
21	Tn. S. Khoirodin	33 tahun	Laki - laki	60 kg	165 cm	12 detik	STT parietal	I	96	63	6048	109	71	7739	109	63	6867	109	57	6213	102	55	5610
22	Tn. Sinwanto	55 tahun	Laki - laki	68 kg	168 cm	17 detik	OS Pseudoafakia	II	123	84	10332	147	82	12054	147	80	11760	132	79	10428	121	76	9196
23	Tn. Agus Duri K	40 tahun	Laki - laki	60 kg	165 cm	12 detik	Cholestitis	II	122	90	10980	131	120	15720	139	124	17236	132	119	15708	128	109	13952
24	Tn. Muslim	53 tahun	Laki - laki	57 kg	164 cm	18 detik	OS RRD	I	110	84	9240	135	81	10935	120	78	9360	104	76	7904	104	77	8008
25	Nn. Anila Fitriana	24 tahun	Perempuan	46 kg	160 cm	19 detik	SNNT	I	110	59	6490	83	53	4399	98	57	5586	119	75	8925	140	81	11340
26	Ny. Paimah	56 tahun	Perempuan	58 kg	155 cm	17 detik	Radikal hysteriktomi	II	117	62	7254	141	64	9024	121	68	8228	125	60	7500	123	64	7872
27	Ny. Sutriyani	34 tahun	Perempuan	50 kg	158 cm	15 detik	Post partum	I	103	87	8961	122	99	12078	113	105	11865	164	90	14760	113	77	8701
28	Ny. Eka	48 tahun	Perempuan	60 kg	158 cm	15 detik	OS Macular detachment	I	110	76	8360	151	86	12986	141	89	12549	130	85	11050	121	85	10285
29	Ny. Rini	47 tahun	Perempuan	74 kg	158 cm	17 detik	IDC gr II MD	II	139	81	11259	164	83	13612	136	86	11696	132	86	11352	133	85	11305
30	Ny. Siti	22 tahun	Perempuan	36 kg	150 cm	19 detik	Neoplasma ovarii kistik	I	104	78	8112	116	73	8468	115	68	7820	106	76	8056	104	72	7488
31	Ny. Indah Nur	32 tahun	Perempuan	52 kg	148 cm	19 detik	Neoplasma ovarii kistik	II	111	84	9324	124	81	10044	139	88	12232	127	76	9652	119	80	9520
32	Ny. Kasnah	45 tahun	Perempuan	61 kg	158 cm	16 detik	VH	II	104	65	6760	130	85	11050	108	72	7776	72	67	4824	74	66	4884
33	Ny. Sulasih	42 tahun	Perempuan	50 kg	159 cm	13 detik	STT	I	106	72	7632	113	87	9831	108	88	9504	96	88	8448	85	79	6715
34	Ny. Rahayu Lilis	40 tahun	Perempuan	63 kg	163 cm	19 detik	Cholelithiasis	II	94	73	6862	113	88	9944	103	80	8240	106	67	7102	104	69	7176
35	Ny. Mukinah	55 tahun	Perempuan	57 kg	160 cm	12 detik	RRD	II	112	78	8736	128	83	10624	142	76	10792	118	74	8732	109	61	6649
36	Ny. Sudarwati	51 tahun	Perempuan	62 kg	158 cm	16 detik	SNNT T2N0M0	I	128	77	9856	194	95	18430	182	94	17108	154	91	14014	134	70	9380
37	Ny. Srimulyani	40 tahun	Perempuan	60 kg	150 cm	17 detik	Liposcoma	I	120	78	9360	109	103	11227	118	100	11800	119	102	12138	110	97	10670
38	Tn. M Suroto	30 tahun	Laki - laki	60 kg	165 cm	11 detik	OD Laserasi kornea	I	107	80	8560	120	93	11160	112	87	9744	110	73	8030	108	72	7776

Lampiran 4. Output SPSS

A. OUTPUT SPSS SAMPEL PENELITIAN

Umur

NPar Tests

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
Umur	> 20 detik	19	20.58	391.00
	< 20 detik	19	18.42	350.00
	Total	38		

Test Statistics^b

	Umur
Mann-Whitney U	160.000
Wilcoxon W	350.000
Z	-.599
Asymp. Sig. (2-tailed)	.549
Exact Sig. [2*(1-tailed Sig.)]	.563 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

BB

T-Test

Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
BB	> 20 detik	19	59.79	11.703	2.685
	< 20 detik	19	58.11	8.704	1.997

Independent Samples Test

		BB	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F	.540	
	Sig.	.467	
t-test for Equality of Means	t	.503	.503
	df	36	33.249
	Sig. (2-tailed)	.618	.618
	Mean Difference	1.684	1.684
	Std. Error Difference	3.346	3.346
	95% Confidence Interval of the Difference		
	Lower	-5.102	-5.121
	Upper	8.470	8.490

TB

NPar Tests

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
TB	> 20 detik	19	19.26	366.00
	< 20 detik	19	19.74	375.00
	Total	38		

Test Statistics^a

	TB
Mann-Whitney U	176.000
Wilcoxon W	366.000
Z	-.133
Asymp. Sig. (2-tailed)	.894
Exact Sig. [2*(1-tailed Sig.)]	.908 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Crosstabs

ASA * Kelompok

Crosstab

			Kelompok		Total
			> 20 detik	< 20 detik	
ASA	I	Count	10	11	21
		Expected Count	10.5	10.5	21.0
		% within Kelompok	52.6%	57.9%	55.3%
		% of Total	26.3%	28.9%	55.3%
	II	Count	9	8	17
		Expected Count	8.5	8.5	17.0
		% within Kelompok	47.4%	42.1%	44.7%
		% of Total	23.7%	21.1%	44.7%
Total	Count	19	19	38	
	Expected Count	19.0	19.0	38.0	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.106 ^b	1	.744		
Continuity Correction ^a	.000	1	1.000		
Likelihood Ratio	.106	1	.744		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.104	1	.748		
N of Valid Cases	38				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.0.

Jenis kelamin * Kelompok

Crosstab

			Kelompok		Total
			> 20 detik	< 20 detik	
Jenis kelamin	Laki-laki	Count	8	6	14
		Expected Count	7.0	7.0	14.0
		% within Kelompok	42.1%	31.6%	36.8%
		% of Total	21.1%	15.8%	36.8%
	Perempuan	Count	11	13	24
		Expected Count	12.0	12.0	24.0
		% within Kelompok	57.9%	68.4%	63.2%
		% of Total	28.9%	34.2%	63.2%
Total	Count	19	19	38	
	Expected Count	19.0	19.0	38.0	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.452 ^b	1	.501		
Continuity Correction	.113	1	.737		
Likelihood Ratio	.454	1	.501		
Fisher's Exact Test				.737	.369
Linear-by-Linear Association	.440	1	.507		
N of Valid Cases	38				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is .00.

B. OUTPUT SPSS TDS

Lama Intubasi > 20 detik

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	TDS.pre	115.89	19	11.846	2.718
	TDS.1	141.89	19	26.727	6.132
Pair 2	TDS.pre	115.89	19	11.846	2.718
	TDS.2	134.89	19	23.912	5.486
Pair 3	TDS.pre	115.89	19	11.846	2.718
	TDS.5	126.68	19	18.547	4.255
Pair 4	TDS.pre	115.89	19	11.846	2.718
	TDS.10	118.26	19	12.710	2.916

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	TDS.pre & TDS.1	19	.398	.092
Pair 2	TDS.pre & TDS.2	19	.613	.005
Pair 3	TDS.pre & TDS.5	19	.558	.013
Pair 4	TDS.pre & TDS.10	19	.265	.273

Paired Samples Test

		Pair 1	Pair 2	Pair 3	Pair 4
		TDS.pre - TDS.1	TDS.pre - TDS.2	TDS.pre - TDS.5	TDS.pre - TDS.10
Paired Differences	Mean	-26.000	-19.000	-10.789	-2.368
	Std. Deviation	24.554	19.096	15.462	14.904
	Std. Error Mean	5.633	4.381	3.547	3.419
	95% Confidence Interval Lower of the Difference	-37.835	-28.204	-18.242	-9.552
	Upper	-14.165	-9.796	-3.337	4.815
t		-4.616	-4.337	-3.042	-.693
df		18	18	18	18
Sig. (2-tailed)		.000	.000	.007	.497

Lama Intubasi < 20 detik

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	TDS.pre	113.53	19	12.812	2.939
	TDS.1	130.26	19	24.062	5.520
Pair 2	TDS.pre	113.53	19	12.812	2.939
	TDS.5	120.11	19	20.415	4.683
Pair 3	TDS.pre	113.53	19	12.812	2.939
	TDS.10	113.26	19	16.374	3.756

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	TDS.pre & TDS.1	19	.627	.004
Pair 2	TDS.pre & TDS.5	19	.439	.060
Pair 3	TDS.pre & TDS.10	19	.581	.009

Paired Samples Test

		Pair 1	Pair 2	Pair 3
		TDS.pre - TDS.1	TDS.pre - TDS.5	TDS.pre - TDS.10
Paired Differences	Mean	-16.737	-6.579	.263
	Std. Deviation	18.882	18.745	13.735
	Std. Error Mean	4.332	4.300	3.151
	95% Confidence Interval of the Difference			
	Lower	-25.838	-15.614	-6.357
	Upper	-7.636	2.456	6.883
t		-3.864	-1.530	.084
df		18	18	18
Sig. (2-tailed)		.001	.143	.934

NPar Tests

Wilcoxon Signed Ranks Test

Ranks

	N	Mean Rank	Sum of Ranks
TDS.2 - TDS.pre Negative Ranks	4 ^a	7.38	29.50
Positive Ranks	15 ^b	10.70	160.50
Ties	0 ^c		
Total	19		

a. TDS.2 < TDS.pre

b. TDS.2 > TDS.pre

c. TDS.2 = TDS.pre

Test Statistics^b

	TDS.2 - TDS.pre
Z	-2.637 ^a
Asymp. Sig. (2-tailed)	.008

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
TDS.pre > 20 detik	19	115.89	11.846	2.718
< 20 detik	19	113.53	12.812	2.939

Independent Samples Test

		TDS.pre		
		Equal variances assumed	Equal variances not assumed	
Levene's Test for Equality of Variances	F Sig.	.083 .775		
t-test for Equality of Means	t	.592	.592	
	df	36	35.781	
	Sig. (2-tailed)	.558	.558	
	Mean Difference	2.368	2.368	
	Std. Error Difference	4.003	4.003	
	95% Confidence Interval of the Difference	Lower	-5.750	-5.752
		Upper	10.487	10.489

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
TDS.1 > 20 detik	19	141.89	26.727	6.132
< 20 detik	19	130.26	24.062	5.520

Independent Samples Test

		TDS.1		
		Equal variances assumed	Equal variances not assumed	
Levene's Test for Equality of Variances	F Sig.	.594 .446		
t-test for Equality of Means	t	1.410	1.410	
	df	36	35.610	
	Sig. (2-tailed)	.167	.167	
	Mean Difference	11.632	11.632	
	Std. Error Difference	8.250	8.250	
	95% Confidence Interval of the Difference	Lower	-5.101	-5.107
		Upper	28.364	28.370

NPar Tests

Mann-Whitney Test

Ranks

Kelompok	N	Mean Rank	Sum of Ranks
TDS.2 > 20 detik	19	21.95	417.00
< 20 detik	19	17.05	324.00
Total	38		

Test Statistics^b

	TDS.2
Mann-Whitney U	134.000
Wilcoxon W	324.000
Z	-1.359
Asymp. Sig. (2-tailed)	.174
Exact Sig. [2*(1-tailed Sig.)]	.181 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
TDS.5 > 20 detik	19	126.68	18.547	4.255
< 20 detik	19	120.11	20.415	4.683

Independent Samples Test

		TDS.5	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F Sig.	.000 .989	
t-test for Equality of Means	t	1.040	1.040
	df	36	35.674
	Sig. (2-tailed)	.305	.305
	Mean Difference	6.579	6.579
	Std. Error Difference	6.328	6.328
	95% Confidence Interval of the Difference	Lower Upper	-6.254 19.412

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
TDS.10 > 20 detik	19	118.26	12.710	2.916
< 20 detik	19	113.26	16.374	3.756

Independent Samples Test

		TDS.10	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F Sig.	.266 .609	
t-test for Equality of Means	t	1.051	1.051
	df	36	33.914
	Sig. (2-tailed)	.300	.300
	Mean Difference	5.000	5.000
	Std. Error Difference	4.755	4.755
	95% Confidence Interval of the Difference	Lower Upper	-4.644 14.644

C. OUTPUT SPSS LAJU JANTUNG

Lama Intubasi > 20 detik

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	HR.pre	79.05	19	8.270	1.897
	HR.1	86.21	19	12.925	2.965
Pair 2	HR.pre	79.05	19	8.270	1.897
	HR.2	85.42	19	14.611	3.352
Pair 3	HR.pre	79.05	19	8.270	1.897
	HR.5	82.11	19	13.042	2.992

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	HR.pre & HR.1	19	.904	.000
Pair 2	HR.pre & HR.2	19	.890	.000
Pair 3	HR.pre & HR.5	19	.644	.003

Paired Samples Test

	Pair 1	Pair 2	Pair 3
	HR.pre - HR.1	HR.pre - HR.2	HR.pre - HR.5
Paired Differences Mean	-7.158	-6.368	-3.053
Std. Deviation	6.492	8.166	9.975
Std. Error Mean	1.489	1.874	2.288
95% Confidence Interval Lower of the Difference	-10.287	-10.304	-7.860
Upper	-4.029	-2.432	1.755
t	-4.806	-3.399	-1.334
df	18	18	18
Sig. (2-tailed)	.000	.003	.199

NPar Tests

Wilcoxon Signed Ranks Test

Ranks

	N	Mean Rank	Sum of Ranks
HR.10 - HR.pre Negative Ranks	10 ^a	8.80	88.00
Positive Ranks	8 ^b	10.38	83.00
Ties	1 ^c		
Total	19		

a. HR.10 < HR.pre

b. HR.10 > HR.pre

c. HR.10 = HR.pre

Test Statistics^b

	HR.10 - HR.pre
Z	-.109 ^a
Asymp. Sig. (2-tailed)	.913

a. Based on positive ranks.

b. Wilcoxon Signed Ranks Test

Lama Intubasi < 20 detik

T-Test

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 HR.pre	77.11	19	9.614	2.206
HR.1	85.32	19	14.637	3.358
Pair 2 HR.pre	77.11	19	9.614	2.206
HR.2	83.89	19	15.765	3.617
Pair 3 HR.pre	77.11	19	9.614	2.206
HR.5	80.32	19	14.530	3.333
Pair 4 HR.pre	77.11	19	9.614	2.206
HR.10	76.37	19	12.402	2.845

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 HR.pre & HR.1	19	.693	.001
Pair 2 HR.pre & HR.2	19	.723	.000
Pair 3 HR.pre & HR.5	19	.604	.006
Pair 4 HR.pre & HR.10	19	.469	.043

Paired Samples Test

	Pair 1	Pair 2	Pair 3	Pair 4
	HR.pre - HR.1	HR.pre - HR.2	HR.pre - HR.5	HR.pre - HR.10
Paired Differences Mean	-8.211	-6.789	-3.211	.737
Std. Deviation	10.570	11.043	11.612	11.589
Std. Error Mean	2.425	2.533	2.664	2.659
95% Confidence Interval Lower of the Difference	-13.305	-12.112	-8.807	-4.849
Upper	-3.116	-1.467	2.386	6.323
t	-3.386	-2.680	-1.205	.277
df	18	18	18	18
Sig. (2-tailed)	.003	.015	.244	.785

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
HR.pre > 20 detik	19	79.05	8.270	1.897
< 20 detik	19	77.11	9.614	2.206

Independent Samples Test

		HR.pre	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F	.112	
	Sig.	.740	
t-test for Equality of Means	t	.669	.669
	df	36	35.213
	Sig. (2-tailed)	.508	.508
	Mean Difference	1.947	1.947
	Std. Error Difference	2.909	2.909
95% Confidence Interval of the Difference	Lower	-3.953	-3.958
	Upper	7.848	7.852

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
HR.1 > 20 detik	19	86.21	12.925	2.965
< 20 detik	19	85.32	14.637	3.358

Independent Samples Test

		HR.1	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances:	F Sig.	.000 .995	
t-test for Equality of Means	t	.200	.200
	df	36	35.457
	Sig. (2-tailed)	.843	.843
	Mean Difference	.895	.895
	Std. Error Difference	4.480	4.480
	95% Confidence Interval of the Difference	Lower -8.191	Lower -8.195
		Upper 9.980	Upper 9.985

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
HR.2 > 20 detik	19	85.42	14.611	3.352
< 20 detik	19	83.89	15.765	3.617

Independent Samples Test

		HR.2	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances:	F Sig.	.057 .813	
t-test for Equality of Means	t	.310	.310
	df	36	35.794
	Sig. (2-tailed)	.759	.759
	Mean Difference	1.526	1.526
	Std. Error Difference	4.931	4.931
	95% Confidence Interval of the Difference	Lower Upper	-8.475 -8.477 11.527 11.529

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
HR.5 > 20 detik	19	82.11	13.042	2.992
< 20 detik	19	80.32	14.530	3.333

Independent Samples Test

		HR.5	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances:	F Sig.	.265 .610	
t-test for Equality of Means	t	.399	.399
	df	36	35.588
	Sig. (2-tailed)	.692	.692
	Mean Difference	1.789	1.789
	Std. Error Difference	4.479	4.479
	95% Confidence Interval of the Difference	Lower Upper	-7.295 -7.299 10.874 10.878

NPar Tests

Mann-Whitney Test

Ranks

Kelompok	N	Mean Rank	Sum of Ranks
HR.10 > 20 detik	19	21.58	410.00
< 20 detik	19	17.42	331.00
Total	38		

Test Statistics^b

	HR.10
Mann-Whitney U	141.000
Wilcoxon W	331.000
Z	-1.155
Asymp. Sig. (2-tailed)	.248
Exact Sig. [2*(1-tailed Sig.)]	.258 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

D. OUTPUT SPSS RPP

T-Test

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 RPP.pre	9171.42	19	1389.882	318.861
RPP.1	12323.05	19	3277.733	751.964
Pair 2 RPP.pre	9171.42	19	1389.882	318.861
RPP.2	11689.16	19	3482.057	798.839
Pair 3 RPP.pre	9171.42	19	1389.882	318.861
RPP.5	10482.11	19	2608.639	598.463
Pair 4 RPP.pre	9171.42	19	1389.882	318.861
RPP.10	9301.00	19	1924.590	441.531

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 RPP.pre & RPP.1	19	.652	.002
Pair 2 RPP.pre & RPP.2	19	.788	.000
Pair 3 RPP.pre & RPP.5	19	.430	.066
Pair 4 RPP.pre & RPP.10	19	.400	.089

Paired Samples Test

	Pair 1	Pair 2	Pair 3	Pair 4	
	RPP.pre - RPP.1	RPP.pre - RPP.2	RPP.pre - RPP.5	RPP.pre - RPP.10	
Paired Differences Mean	-3151.63	-2517.7	-1310.68	-129.579	
Std. Deviation	2595.209	2535.830	2370.206	1869.244	
Std. Error Mean	595.382	581.759	543.762	428.834	
95% Confidence Interval of the Difference	Lower	-4402.48	-3740.0	-2453.09	-1030.53
	Upper	-1900.78	-1295.5	-168.282	771.368
t	-5.293	-4.328	-2.410	-.302	
df	18	18	18	18	
Sig. (2-tailed)	.000	.000	.027	.766	

T-Test

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 RPP.pre	8809.47	19	1829.016	419.605
RPP.1	10518.68	19	3408.552	781.975
Pair 2 RPP.pre	8809.47	19	1829.016	419.605
RPP.2	10592.89	19	3056.632	701.239
Pair 3 RPP.pre	8809.47	19	1829.016	419.605
RPP.5	9770.05	19	2903.928	666.207
Pair 4 RPP.pre	8809.47	19	1829.016	419.605
RPP.10	8718.26	19	2202.898	505.379

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 RPP.pre & RPP.1	19	.362	.128
Pair 2 RPP.pre & RPP.2	19	.672	.002
Pair 3 RPP.pre & RPP.5	19	.641	.003
Pair 4 RPP.pre & RPP.10	19	.547	.015

Paired Samples Test

	Pair 1	Pair 2	Pair 3	Pair 4	
	RPP.pre - RPP.1	RPP.pre - RPP.2	RPP.pre - RPP.5	RPP.pre - RPP.10	
Paired Differences Mean	-1709.21	-1783.42	-960.579	91.211	
Std. Deviation	3232.532	2274.874	2228.886	1947.137	
Std. Error Mean	741.594	521.892	511.342	446.704	
95% Confidence Interval of the Difference	Lower	-3267.24	-2879.88	-2034.87	-847.279
	Upper	-151.180	-686.967	113.710	1029.700
t	-2.305	-3.417	-1.879	.204	
df	18	18	18	18	
Sig. (2-tailed)	.033	.003	.077	.840	

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
RPP.pre > 20 detik	19	9171.42	1389.882	318.861
< 20 detik	19	8809.47	1829.016	419.605

Independent Samples Test

	RPP_pre	
	Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances: F	.520	
Sig.	.475	
t-test for Equality of Means: t	.687	.687
df	36	33.590
Sig. (2-tailed)	.497	.497
Mean Difference	361.947	361.947
Std. Error Difference	527.011	527.011
95% Confidence Interval of the Difference	Lower	-706.880
	Upper	1430.775
		1433.444

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
RPP.1 > 20 detik	19	12323.05	3277.733	751.964
< 20 detik	19	10518.68	3408.552	781.975

Independent Samples Test

		RPP.1	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F Sig.	.099 .755	
t-test for Equality of Means	t	1.663	1.663
	df	36	35.945
	Sig. (2-tailed)	.105	.105
	Mean Difference	1804.368	1804.368
	Std. Error Difference	1084.866	1084.866
	95% Confidence Interval of the Difference	Lower -395.842	Lower -395.959
		Upper 4004.579	Upper 4004.696

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
RPP.2 > 20 detik	19	11689.16	3482.057	798.839
< 20 detik	19	10592.89	3056.632	701.239

Independent Samples Test

		RPP.2	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances:	F Sig.	.490 .489	
t-test for Equality of Means	t	1.031	1.031
	df	36	35.406
	Sig. (2-tailed)	.309	.309
	Mean Difference	1096.263	1096.263
	Std. Error Difference	1062.958	1062.958
95% Confidence Interval of the Difference	Lower	-1059.516	-1060.773
	Upper	3252.042	3253.299

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
RPP.5 > 20 detik	19	10482.11	2608.639	598.463
< 20 detik	19	9770.05	2903.928	666.207

Independent Samples Test

		RPP.5	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances:	F Sig.	.211 .649	
t-test for Equality of Means	t	.795	.795
	df	36	35.594
	Sig. (2-tailed)	.432	.432
	Mean Difference	712.053	712.053
	Std. Error Difference	895.539	895.539
95% Confidence Interval of the Difference	Lower	-1104.184	-1104.904
	Upper	2528.289	2529.009

T-Test

Group Statistics

Kelompok	N	Mean	Std. Deviation	Std. Error Mean
RPP.10 > 20 detik	19	9301.00	1924.590	441.531
< 20 detik	19	8718.26	2202.898	505.379

Independent Samples Test

		RPP.10	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F	.236	
	Sig.	.630	
t-test for Equality of Means	t	.868	.868
	df	36	35.363
	Sig. (2-tailed)	.391	.391
	Mean Difference	582.737	582.737
	Std. Error Difference	671.087	671.087
	95% Confidence Interval of the Difference		
	Lower	-778.291	-779.143
	Upper	1943.765	1944.617

Lampiran 5. Biodata

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Riwayat Pendidikan

1.SD : SD H ISRIATI SEMARANG Lulus tahun: 2004
2.SMP : SMPN3 SEMARANG Lulus tahun: 2007
3.SMA : SMAN 1 SEMARANG Lulus tahun: 2010
4.FK UNDIP : 2010