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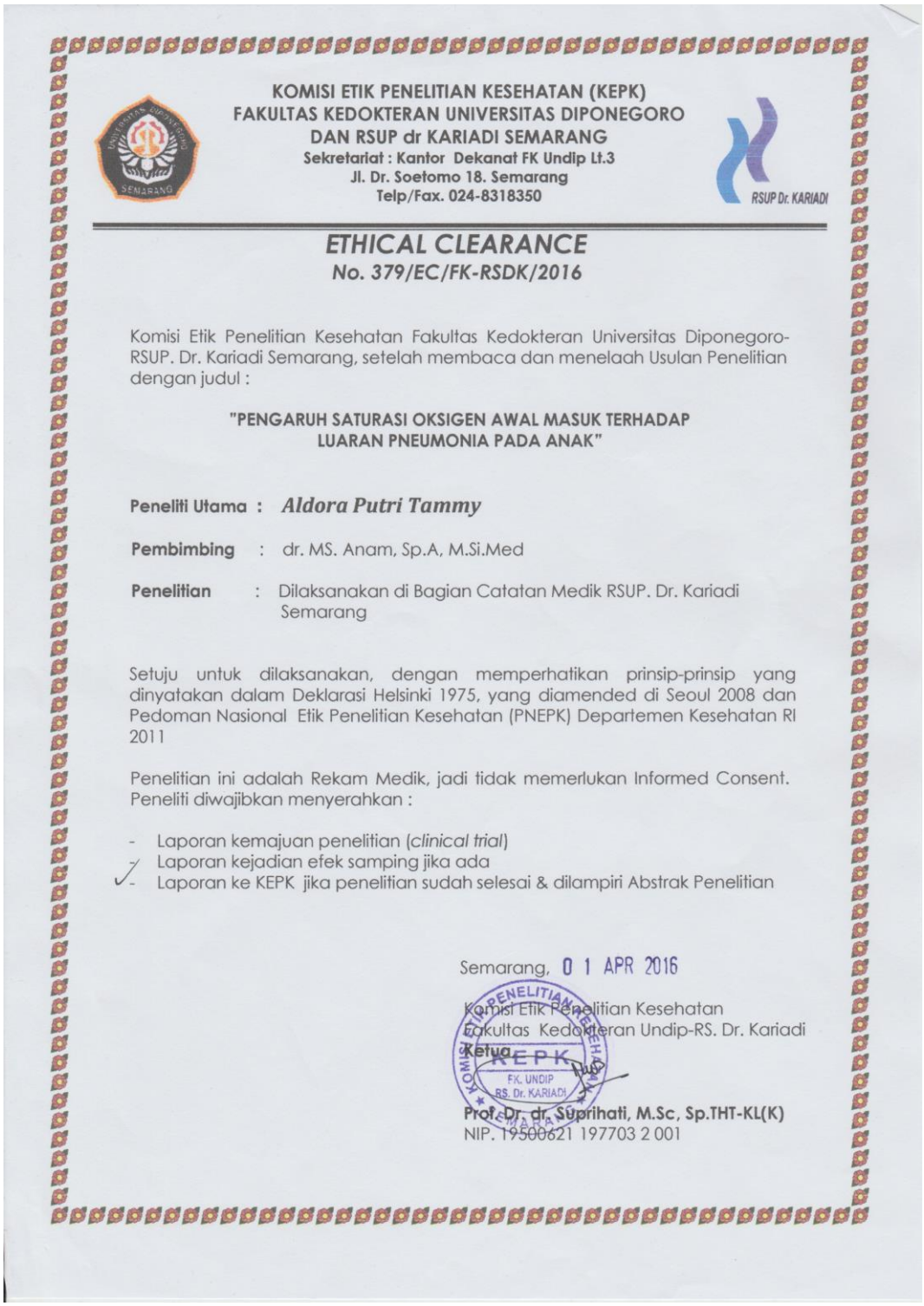
Lampiran 1. Ethical clearance



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/Fax. 024-8318350

RSUP Dr. KARIADI

ETHICAL CLEARANCE
No. 379/EC/FK-RSDK/2016

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

"PENGARUH SATURASI OKSIGEN AWAL MASUK TERHADAP LUARAN PNEUMONIA PADA ANAK"

Peneliti Utama : ***Aldora Putri Tammy***

Pembimbing : dr. MS. Anam, Sp.A, M.Si.Med

Penelitian : Dilaksanakan di Bagian Catatan Medik 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 adalah Rekam Medik, jadi tidak memerlukan Informed Consent. Peneliti diwajibkan menyerahkan :

- Laporan kemajuan penelitian (*clinical trial*)
- Laporan kejadian efek samping jika ada
- Laporan ke KEPK jika penelitian sudah selesai & dilampiri Abstrak Penelitian

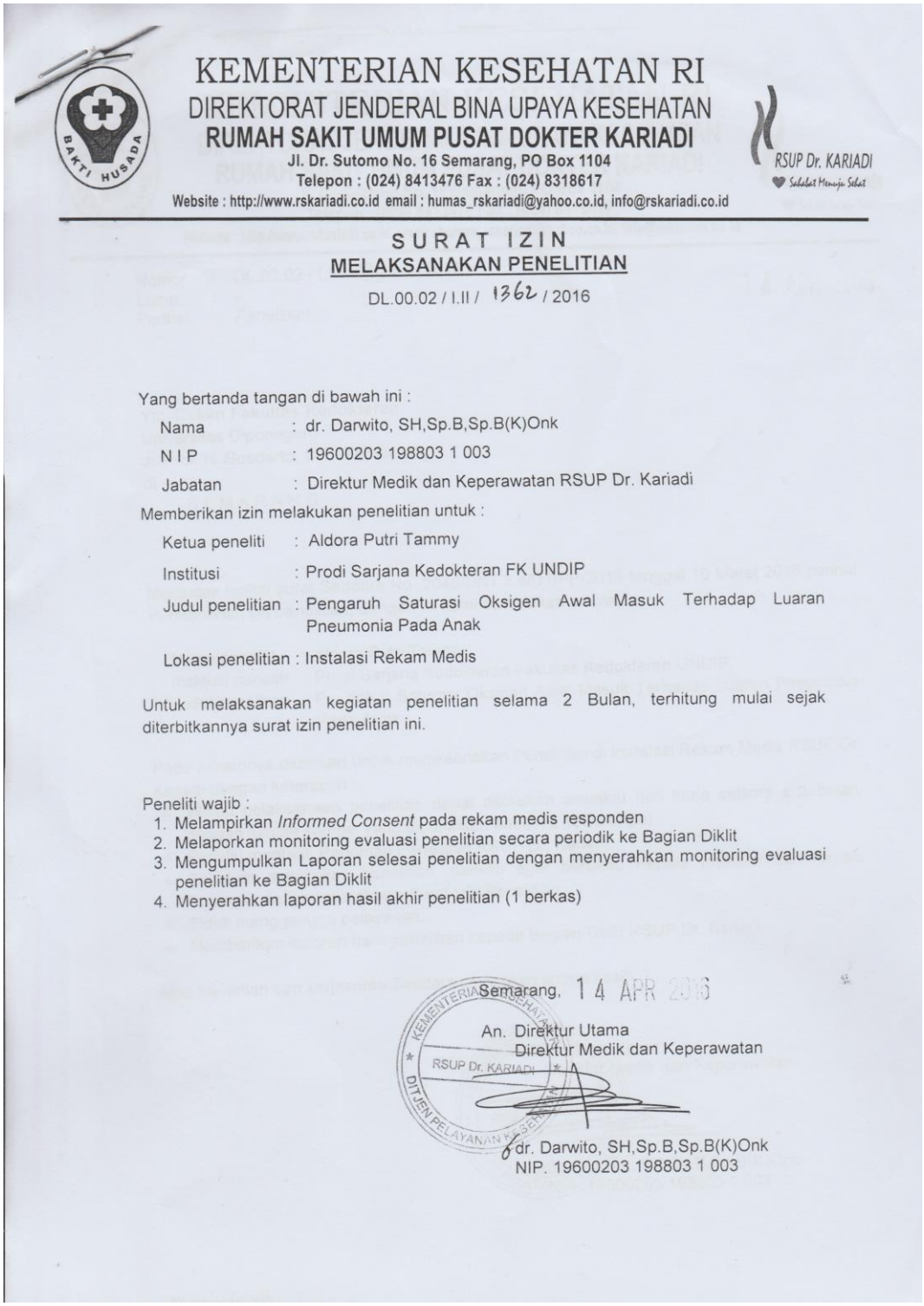
Semarang, 0 1 APR 2016

Komisi Etik Penelitian Kesehatan
Fakultas Kedokteran Undip-RS. Dr. Kariadi
Ketua

KEPK
FK. UNDIP
RS. Dr. KARIADI

Prof. Dr. dr. Suprihati, M.Sc, Sp.THT-KL(K)
NIP. 19500621 197703 2 001

Lampiran 2. Surat izin penelitian



KEMENTERIAN KESEHATAN RI
DIREKTORAT JENDERAL BINA UPAYA KESEHATAN
RUMAH SAKIT UMUM PUSAT DOKTER KARIADI
Jl. Dr. Sutomo No. 16 Semarang, PO Box 1104
Telepon : (024) 8413476 Fax : (024) 8318617
Website : http://www.rskariadi.co.id email : humas_rskariadi@yahoo.co.id, info@rskariadi.co.id

RSUP Dr. KARIADI
Sahabat Menuju Sehat

SURAT IZIN
MELAKSANAKAN PENELITIAN
DL.00.02 / I.II / 1362 / 2016

Yang bertanda tangan di bawah ini :

Nama	: dr. Darwito, SH,Sp.B,Sp.B(K)Onk
N I P	: 19600203 198803 1 003
Jabatan	: Direktur Medik dan Keperawatan RSUP Dr. Kariadi

Memberikan izin melakukan penelitian untuk :

Ketua peneliti	: Aldora Putri Tammy
Institusi	: Prodi Sarjana Kedokteran FK UNDIP
Judul penelitian	: Pengaruh Saturasi Oksigen Awal Masuk Terhadap Luaran Pneumonia Pada Anak
Lokasi penelitian	: Instalasi Rekam Medis

Untuk melaksanakan kegiatan penelitian selama 2 Bulan, terhitung mulai sejak diterbitkannya surat izin penelitian ini.

Peneliti wajib :
1. Melampirkan *Informed Consent* pada rekam medis responden
2. Melaporkan monitoring evaluasi penelitian secara periodik ke Bagian Diklit
3. Mengumpulkan Laporan selesai penelitian dengan menyerahkan monitoring evaluasi penelitian ke Bagian Diklit
4. Menyerahkan laporan hasil akhir penelitian (1 berkas)

Semarang, 14 APR 2016
An. Direktur Utama
Direktur Medik dan Keperawatan

dr. Darwito, SH,Sp.B,Sp.B(K)Onk
NIP. 19600203 198803 1 003

Lampiran 3. Form penelitian

FORM DATA PENELITIAN

IDENTITAS PASIEN

No CM :
Nama Penderita :
Umur / Tgl Lahir :
Jenis Kelamin :
Alamat :

Tanggal Masuk :
Tanggal Keluar :

IDENTITAS ORANG TUA

Ayah
Nama :
Umur :
Pendidikan :
Pekerjaan :

Ibu
Nama :
Umur :
Pendidikan :
Pekerjaan :

ANTROPOMETRI

BB Lahir : Kg
PB Lahir : cm
BB Sekarang : Kg
PB / TB Sekarang : cm
BB Bulan Lalu : Kg

WAZ :
HAZ :
WHZ :

Status Gizi :

Keluhan Utama	

Gejala Respiratori	**Indikator**	**Onset**
- Batuk	Ya / Tidak	
- Sesak	Ya / Tidak	
- Sianosis	Ya / Tidak	
- Nyeri Dada	Ya / Tidak	

Gejala Lain	**Indikator**	**Onset**
-Demam		
-		
-		

Riwayat Imunisasi	

Riwayat Makan dan Minum		**Keterangan**
ASI Ekslusif	Ya / Tidak	
MP ASI	Ya / Tidak	

Riwayat Pertumbuhan dan Perkembangan	
Riwayat Penyakit Terdahulu	

Pemeriksaan	Hari perawatan							Keterangan
	1	2	3	4	5	6	7	
Keadaan Umum								
Berat Badan (Kg)								
TandaVital								
Frekuensi Nadi (x/mnt)								
Frekuensi Nafas (x/mnt)								
Tekanan Darah								
Suhu (℃)								
Saturasi Oksigen (%)								
BGA								
Tanda Respiratori								
Nafas Cuping								
Retraksi dada								
Tanda lain								
Foto Thorax								
Lab								
Diagnosis								
Komorbid								
Komplikasi								
Terapi								
Oksigen								
Infus								
Antibiotik								
Lain-Lain								

Lampiran 4. Analisis statistik SPSS

Case Summaries

Umur

N	Mean	Std. Deviation	Median	Minimum	Maximum
78	12.42	11.566	7.00	2	53

Frequencies

Frequency Table

SaO2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	< 95	26	33.3	33.3	33.3
	>= 95	52	66.7	66.7	100.0
	Total	78	100.0	100.0	

Jenis kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	43	55.1	55.1	55.1
	Perempuan	35	44.9	44.9	100.0
	Total	78	100.0	100.0	

Status gizi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Baik	39	50.0	50.0	50.0
	Kurang	13	16.7	16.7	66.7
	Buruk	26	33.3	33.3	100.0
	Total	78	100.0	100.0	

ASI Eksklusif

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ya	55	70.5	70.5	70.5
	Tidak	23	29.5	29.5	100.0
	Total	78	100.0	100.0	

Derajat pneumonia

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Pneumonia	17	21.8	21.8	21.8
	Berat	52	66.7	66.7	88.5
	Sangat berat	9	11.5	11.5	100.0
	Total	78	100.0	100.0	

Antibiotik

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tunggal	38	48.7	48.7	48.7
	Kombinasi	40	51.3	51.3	100.0
	Total	78	100.0	100.0	

Respon terapi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak	28	35.9	35.9	35.9
	Membaik	50	64.1	64.1	100.0
	Total	78	100.0	100.0	

Lama rawat

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	>= 7 hari	23	29.5	29.5	29.5
	< 7 hari	55	70.5	70.5	100.0
	Total	78	100.0	100.0	

Status of Discharge

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Meninggal	5	6.4	6.4	6.4
	Sembuh	73	93.6	93.6	100.0
	Total	78	100.0	100.0	

Komorbid

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ada	44	56.4	56.4	56.4
	Tidak	34	43.6	43.6	100.0
	Total	78	100.0	100.0	

Explore

SaO2

Case Summaries

Umur

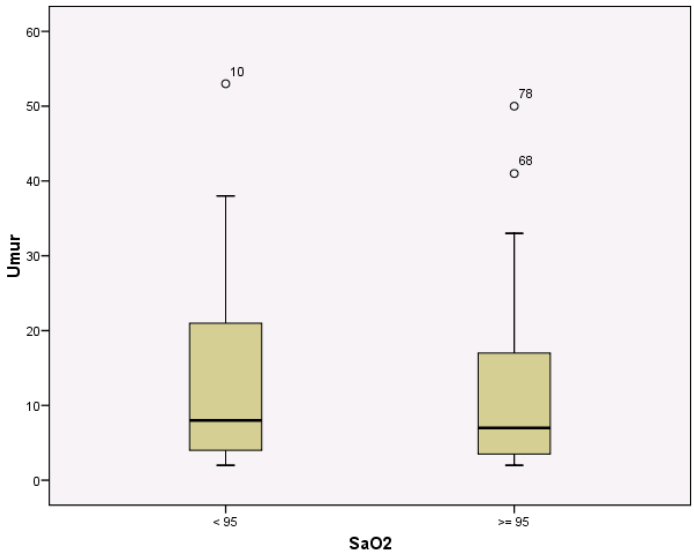
SaO2	N	Mean	Std. Deviation	Median	Minimum	Maximum
< 95	26	14.12	12.962	8.00	2	53
>= 95	52	11.58	10.836	7.00	2	50
Total	78	12.42	11.566	7.00	2	53

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	SaO2	Statistic	df	Sig.	Statistic	df	Sig.
Umur	< 95	.220	26	.002	.839	26	.001
	>= 95	.202	52	.000	.810	52	.000

a. Lilliefors Significance Correction

Umur



NPar Tests

Mann-Whitney Test

Ranks

	SaO2	N	Mean Rank	Sum of Ranks
Umur	< 95	26	42.56	1106.50
	>= 95	52	37.97	1974.50
	Total	78		

Test Statistics[a]

	Umur
Mann-Whitney U	596.500
Wilcoxon W	1974.500
Z	-.845
Asy mp. Sig. (2-tailed)	.398

a. Grouping Variable: SaO2

Ranks

	Respon terapi	N	Mean Rank	Sum of Ranks
Umur	Tidak	28	40,36	1130,00
	Membaik	50	39,02	1951,00
	Total	78		

Test Statistics[a]

	Umur
Mann-Whitney U	676,000
Wilcoxon W	1951,000
Z	-,251
Asymp. Sig. (2-tailed)	,802

a. Grouping Variable: Respon terapi

Ranks

	Lama rawat	N	Mean Rank	Sum of Ranks
Umur	>= 7 hari	23	40,85	939,50
	< 7 hari	55	38,94	2141,50
	Total	78		

Test Statistics[a]

	Umur
Mann-Whitney U	601,500
Wilcoxon W	2141,500
Z	-,341
Asymp. Sig. (2-tailed)	,733

a. Grouping Variable: Lama rawat

Ranks

	Status of Discharge	N	Mean Rank	Sum of Ranks
Umur	Meninggal	5	42,70	213,50
	Sembuh	73	39,28	2867,50
	Total	78		

Test Statistics[a]

	Umur
Mann-Whitney U	166,500
Wilcoxon W	2867,500
Z	-,327
Asymp. Sig. (2-tailed)	,744
Exact Sig. [2*(1-tailed Sig.)]	,752[b]

a. Grouping Variable: Status of Discharge

b. Not corrected for ties.

Crosstabs

SaO2 * Jenis kelamin

Crosstab

			Jenis kelamin		
			Laki-laki	Perempuan	Total
SaO2	< 95	Count	15	11	26
		Expected Count	14.3	11.7	26.0
		% within Jenis kelamin	34.9%	31.4%	33.3%
	>= 95	Count	28	24	52
		Expected Count	28.7	23.3	52.0
		% within Jenis kelamin	65.1%	68.6%	66.7%
Total		Count	43	35	78
		Expected Count	43.0	35.0	78.0
		% within Jenis kelamin	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.104[b]	1	.747		
Continuity Correction[a]	.006	1	.936		
Likelihood Ratio	.104	1	.747		
Fisher's Exact Test				.812	.469
Linear-by-Linear Association	.102	1	.749		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.67.

SaO2 * Status gizi

Crosstab

			Status gizi			
			Baik	Kurang	Buruk	Total
SaO2	< 95	Count	12	3	11	26
		Expected Count	13.0	4.3	8.7	26.0
		% within Status gizi	30.8%	23.1%	42.3%	33.3%
	>= 95	Count	27	10	15	52
		Expected Count	26.0	8.7	17.3	52.0
		% within Status gizi	69.2%	76.9%	57.7%	66.7%
Total		Count	39	13	26	78
		Expected Count	39.0	13.0	26.0	78.0
		% within Status gizi	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.673[a]	2	.433
Likelihood Ratio	1.680	2	.432
Linear-by-Linear Association	.786	1	.375
N of Valid Cases	78		

a. 1 cells (16.7%) have expected count less than 5. The minimum expected count is 4.33.

SaO2 * ASI Eksklusif

Crosstab

			ASI Eksklusif		
			Ya	Tidak	Total
SaO2	< 95	Count	18	8	26
		Expected Count	18.3	7.7	26.0
		% within ASI Eksklusif	32.7%	34.8%	33.3%
	>= 95	Count	37	15	52
		Expected Count	36.7	15.3	52.0
		% within ASI Eksklusif	67.3%	65.2%	66.7%
Total		Count	55	23	78
		Expected Count	55.0	23.0	78.0
		% within ASI Eksklusif	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.031[b]	1	.861		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.031	1	.861		
Fisher's Exact Test				1.000	.530
Linear-by-Linear Association	.030	1	.862		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.67.

SaO2 * Derajat pneumonia

Crosstab

			Derajat pneumonia			
			Pneumonia	Berat	Sangat berat	Total
SaO2	< 95	Count	2	21	3	26
		Expected Count	5.7	17.3	3.0	26.0
		% within Derajat pneumonia	11.8%	40.4%	33.3%	33.3%
	>= 95	Count	15	31	6	52
		Expected Count	11.3	34.7	6.0	52.0
		% within Derajat pneumonia	88.2%	59.6%	66.7%	66.7%
Total		Count	17	52	9	78
		Expected Count	17.0	52.0	9.0	78.0
		% within Derajat pneumonia	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.722[a]	2	.094
Likelihood Ratio	5.372	2	.068
Linear-by-Linear Association	2.372	1	.124
N of Valid Cases	78		

a. 1 cells (16.7%) have expected count less than 5. The minimum expected count is 3.00.

SaO2 * Antibiotik

Crosstab

			Antibiotik		
			Tunggal	Kombinasi	Total
SaO2	< 95	Count	12	14	26
		Expected Count	12.7	13.3	26.0
		% within Antibiotik	31.6%	35.0%	33.3%
	>= 95	Count	26	26	52
		Expected Count	25.3	26.7	52.0
		% within Antibiotik	68.4%	65.0%	66.7%
Total		Count	38	40	78
		Expected Count	38.0	40.0	78.0
		% within Antibiotik	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.103[b]	1	.749		
Continuity Correction[a]	.006	1	.936		
Likelihood Ratio	.103	1	.749		
Fisher's Exact Test				.813	.468
Linear-by-Linear Association	.101	1	.750		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12. 67.

SaO2 * Respon terapi

Crosstab

			Respon terapi		
			Tidak	Membaik	Total
SaO2	< 95	Count	13	13	26
		Expected Count	9.3	16.7	26.0
		% within Respon terapi	46.4%	26.0%	33.3%
	>= 95	Count	15	37	52
		Expected Count	18.7	33.3	52.0
		% within Respon terapi	53.6%	74.0%	66.7%
Total		Count	28	50	78
		Expected Count	28.0	50.0	78.0
		% within Respon terapi	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3.371[b]	1	.066		
Continuity Correction[a]	2.514	1	.113		
Likelihood Ratio	3.317	1	.069		
Fisher's Exact Test				.083	.057
Linear-by-Linear Association	3.327	1	.068		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.33.

SaO2 * Lama rawat

Crosstab

			Lama rawat		
			>= 7 hari	< 7 hari	Total
SaO2	< 95	Count	12	14	26
		Expected Count	7.7	18.3	26.0
		% within Lama rawat	52.2%	25.5%	33.3%
	>= 95	Count	11	41	52
		Expected Count	15.3	36.7	52.0
		% within Lama rawat	47.8%	74.5%	66.7%
Total		Count	23	55	78
		Expected Count	23.0	55.0	78.0
		% within Lama rawat	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.210[b]	1	.022		
Continuity Correction[a]	4.077	1	.043		
Likelihood Ratio	5.055	1	.025		
Fisher's Exact Test				.034	.023
Linear-by-Linear Association	5.143	1	.023		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.67.

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for SaO2 (< 95 / >= 95)	3.195	1.154	8.847
For cohort Lama rawat = >= 7 hari	2.182	1.117	4.260
For cohort Lama rawat = < 7 hari	.683	.466	1.001
N of Valid Cases	78		

SaO2 * Status of Discharge

Crosstab

			Status of Discharge		
			Meninggal	Sembuh	Total
SaO2	< 95	Count	2	24	26
		Expected Count	1.7	24.3	26.0
		% within Status of Discharge	40.0%	32.9%	33.3%
	>= 95	Count	3	49	52
		Expected Count	3.3	48.7	52.0
		% within Status of Discharge	60.0%	67.1%	66.7%
Total		Count	5	73	78
		Expected Count	5.0	73.0	78.0
		% within Status of Discharge	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.107[b]	1	.744		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.104	1	.747		
Fisher's Exact Test				1.000	.543
Linear-by-Linear Association	.105	1	.745		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.67.

SaO2 * Komorbid

Crosstab

			Komorbid		
			Ada	Tidak	Total
SaO2	< 95	Count	17	9	26
		Expected Count	14.7	11.3	26.0
		% within Komorbid	38.6%	26.5%	33.3%
	>= 95	Count	27	25	52
		Expected Count	29.3	22.7	52.0
		% within Komorbid	61.4%	73.5%	66.7%
Total		Count	44	34	78
		Expected Count	44.0	34.0	78.0
		% within Komorbid	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.277[b]	1	.258		
Continuity Correction[a]	.789	1	.375		
Likelihood Ratio	1.293	1	.255		
Fisher's Exact Test				.335	.188
Linear-by-Linear Association	1.261	1	.261		
N of Valid Cases	78				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.33.

Jenis kelamin * Respon terapi

Crosstabulation

			Respon terapi		Total
			Tidak	Membaik	
Jenis kelamin	Laki-laki	Count	17	26	43
		% within Jenis kelamin	39,5%	60,5%	100,0%
	Perempuan	Count	11	24	35
		% within Jenis kelamin	31,4%	68,6%	100,0%
Total		Count	28	50	78
		% within Jenis kelamin	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,551[a]	1	,458		
Continuity Correction[b]	,255	1	,614		
Likelihood Ratio	,554	1	,457		
Fisher's Exact Test				,487	,308
Linear-by-Linear Association	,544	1	,461		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 12,56.
b. Computed only for a 2x2 table

Jenis kelamin * Lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
Jenis kelamin	Laki-laki	Count	11	32	43
		% within Jenis kelamin	25,6%	74,4%	100,0%
	Perempuan	Count	12	23	35
		% within Jenis kelamin	34,3%	65,7%	100,0%
Total		Count	23	55	78
		% within Jenis kelamin	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,703[a]	1	,402		
Continuity Correction[b]	,347	1	,556		
Likelihood Ratio	,701	1	,402		
Fisher's Exact Test				,459	,277
Linear-by-Linear Association	,694	1	,405		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 10,32.
b. Computed only for a 2x2 table

Jenis kelamin * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
Jenis kelamin	Laki-laki	Count	4	39	43
		% within Jenis kelamin	9,3%	90,7%	100,0%
	Perempuan	Count	1	34	35
		% within Jenis kelamin	2,9%	97,1%	100,0%
Total		Count	5	73	78
		% within Jenis kelamin	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,336[a]	1	,248		
Continuity Correction[b]	,478	1	,489		
Likelihood Ratio	1,448	1	,229		
Fisher's Exact Test				,372	,250
Linear-by-Linear Association	1,319	1	,251		
N of Valid Cases	78				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,24.
b. Computed only for a 2x2 table

Status gizi * Lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
Status gizi	Baik	Count	9	30	39
		% within Status gizi	23,1%	76,9%	100,0%
	Kurang	Count	5	8	13
		% within Status gizi	38,5%	61,5%	100,0%
	Buruk	Count	9	17	26
		% within Status gizi	34,6%	65,4%	100,0%
Total		Count	23	55	78
		% within Status gizi	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1,603[a]	2	,449
Likelihood Ratio	1,606	2	,448
Linear-by-Linear Association	1,110	1	,292
N of Valid Cases	78		

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 3,83.

Status gizi * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
Status gizi	Baik	Count	1	38	39
		% within Status gizi	2,6%	97,4%	100,0%
	Kurang	Count	1	12	13
		% within Status gizi	7,7%	92,3%	100,0%
	Buruk	Count	3	23	26
		% within Status gizi	11,5%	88,5%	100,0%
Total		Count	5	73	78
		% within Status gizi	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2,137[a]	2	,344
Likelihood Ratio	2,196	2	,333
Linear-by-Linear Association	2,102	1	,147
N of Valid Cases	78		

a. 3 cells (50,0%) have expected count less than 5. The minimum expected count is ,83.

Status gizi * Respon terapi

Crosstab

			Respon terapi		Total
			Tidak	Membaik	
Status gizi	Baik	Count	18	21	39
		% within Status gizi	46,2%	53,8%	100,0%
	Kurang	Count	3	10	13
		% within Status gizi	23,1%	76,9%	100,0%
	Buruk	Count	7	19	26
		% within Status gizi	26,9%	73,1%	100,0%
Total		Count	28	50	78
		% within Status gizi	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3,621[a]	2	,164
Likelihood Ratio	3,671	2	,159
Linear-by-Linear Association	2,739	1	,098
N of Valid Cases	78		

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 4,67.

ASI eksklusif * Lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
ASI Eksklusif	Ya	Count	16	39	55
		% within ASI Eksklusif	29,1%	70,9%	100,0%
	Tidak	Count	7	16	23
		% within ASI Eksklusif	30,4%	69,6%	100,0%
Total		Count	23	55	78
		% within ASI Eksklusif	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,014[a]	1	,906		
Continuity Correction[b]	,000	1	1,000		
Likelihood Ratio	,014	1	,906		
Fisher's Exact Test				1,000	,555
Linear-by-Linear Association	,014	1	,906		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 6,78.
b. Computed only for a 2x2 table

ASI eksklusif * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
ASI Eksklusif	Ya	Count	2	53	55
		% within ASI Eksklusif	3,6%	96,4%	100,0%
	Tidak	Count	3	20	23
		% within ASI Eksklusif	13,0%	87,0%	100,0%
Total		Count	5	73	78
		% within ASI Eksklusif	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,392[a]	1	,122		
Continuity Correction[b]	1,081	1	,298		
Likelihood Ratio	2,150	1	,143		
Fisher's Exact Test				,149	,149
Linear-by-Linear Association	2,362	1	,124		
N of Valid Cases	78				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 1,47.
b. Computed only for a 2x2 table

ASI eksklusif * Respon terapi

Crosstab

			Respon terapi		Total
			Tidak	Membaik	
ASI Eksklusif	Ya	Count	21	34	55
		% within ASI Eksklusif	38,2%	61,8%	100,0%
	Tidak	Count	7	16	23
		% within ASI Eksklusif	30,4%	69,6%	100,0%
Total		Count	28	50	78
		% within ASI Eksklusif	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,423[a]	1	,515		
Continuity Correction[b]	,153	1	,695		
Likelihood Ratio	,429	1	,512		
Fisher's Exact Test				,609	,351
Linear-by-Linear Association	,418	1	,518		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 8,26.
b. Computed only for a 2x2 table

Derajat pneumonia * Lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
Derajat pneumonia	Pneumonia	Count	3	14	17
		% within Derajat pneumonia	17,6%	82,4%	100,0%
	Berat	Count	15	37	52
		% within Derajat pneumonia	28,8%	71,2%	100,0%
	Sangat berat	Count	5	4	9
		% within Derajat pneumonia	55,6%	44,4%	100,0%
Total		Count	23	55	78
		% within Derajat pneumonia	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4,098[a]	2	,129
Likelihood Ratio	3,918	2	,141
Linear-by-Linear Association	3,583	1	,058
N of Valid Cases	78		

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 2,65.

Derajat pneumonia * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
Derajat pneumonia	Pneumonia	Count	1	16	17
		% within Derajat pneumonia	5,9%	94,1%	100,0%
	Berat	Count	4	48	52
		% within Derajat pneumonia	7,7%	92,3%	100,0%
	Sangat berat	Count	0	9	9
		% within Derajat pneumonia	0,0%	100,0%	100,0%
Total		Count	5	73	78
		% within Derajat pneumonia	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	,767[a]	2	,682
Likelihood Ratio	1,335	2	,513
Linear-by-Linear Association	,155	1	,694
N of Valid Cases	78		

a. 3 cells (50,0%) have expected count less than 5. The minimum expected count is ,58.

Derajat pneumonia * Respon terapi

Crosstab

			Respon terapi		Total
			Tidak	Membaik	
Derajat pneumonia	Pneumonia	Count	5	12	17
		% within Derajat pneumonia	29,4%	70,6%	100,0%
	Berat	Count	18	34	52
		% within Derajat pneumonia	34,6%	65,4%	100,0%
	Sangat berat	Count	5	4	9
		% within Derajat pneumonia	55,6%	44,4%	100,0%
Total		Count	28	50	78
		% within Derajat pneumonia	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1,859[a]	2	,395
Likelihood Ratio	1,795	2	,408
Linear-by-Linear Association	1,405	1	,236
N of Valid Cases	78		

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 3,23.

Antibiotik * Lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
Antibiotik	Tunggal	Count	9	29	38
		% within Antibiotik	23,7%	76,3%	100,0%
	Kombinasi	Count	14	26	40
		% within Antibiotik	35,0%	65,0%	100,0%
Total		Count	23	55	78
		% within Antibiotik	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,200[a]	1	,273		
Continuity Correction[b]	,718	1	,397		
Likelihood Ratio	1,208	1	,272		
Fisher's Exact Test				,326	,199
Linear-by-Linear Association	1,185	1	,276		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 11,21.
b. Computed only for a 2x2 table

Antibiotik * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
Antibiotik	Tunggal	Count	2	36	38
		% within Antibiotik	5,3%	94,7%	100,0%
	Kombinasi	Count	3	37	40
		% within Antibiotik	7,5%	92,5%	100,0%
Total		Count	5	73	78
		% within Antibiotik	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,163[a]	1	,687		
Continuity Correction[b]	,000	1	1,000		
Likelihood Ratio	,164	1	,686		
Fisher's Exact Test				1,000	,525
Linear-by-Linear Association	,160	1	,689		
N of Valid Cases	78				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,44.
b. Computed only for a 2x2 table

Antibiotik * Respon terapi

Crosstab

			Respon terapi		Total
			Tidak	Membaik	
Antibiotik	Tunggal	Count	11	27	38
		% within Antibiotik	28,9%	71,1%	100,0%
	Kombinasi	Count	17	23	40
		% within Antibiotik	42,5%	57,5%	100,0%
Total		Count	28	50	78
		% within Antibiotik	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,555[a]	1	,212		
Continuity Correction[b]	1,022	1	,312		
Likelihood Ratio	1,565	1	,211		
Fisher's Exact Test				,244	,156
Linear-by-Linear Association	1,536	1	,215		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 13,64.
b. Computed only for a 2x2 table

Komorbid * lama rawat

Crosstab

			Lama rawat		Total
			>= 7 hari	< 7 hari	
Komorbid	Ada	Count	17	27	44
		% within Komorbid	38,6%	61,4%	100,0%
	Tidak	Count	6	28	34
		% within Komorbid	17,6%	82,4%	100,0%
Total		Count	23	55	78
		% within Komorbid	29,5%	70,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,064[a]	1	,044		
Continuity Correction[b]	3,117	1	,077		
Likelihood Ratio	4,215	1	,040		
Fisher's Exact Test				,050	,037
Linear-by-Linear Association	4,012	1	,045		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 10,03.
b. Computed only for a 2x2 table

Komorbid * Status of discharge

Crosstab

			Status of Discharge		Total
			Meninggal	Sembuh	
Komorbid	Ada	Count	2	42	44
		% within Komorbid	4,5%	95,5%	100,0%
	Tidak	Count	3	31	34
		% within Komorbid	8,8%	91,2%	100,0%
Total		Count	5	73	78
		% within Komorbid	6,4%	93,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,585[a]	1	,444		
Continuity Correction[b]	,089	1	,765		
Likelihood Ratio	,580	1	,446		
Fisher's Exact Test				,648	,378
Linear-by-Linear Association	,578	1	,447		
N of Valid Cases	78				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,18.
b. Computed only for a 2x2 table

Komorbid * Respon terapi

Crosstab

			Respon terapi		Total
			Tidak	Membaik	
Komorbid	Ada	Count	17	27	44
		% within Komorbid	38,6%	61,4%	100,0%
	Tidak	Count	11	23	34
		% within Komorbid	32,4%	67,6%	100,0%
Total		Count	28	50	78
		% within Komorbid	35,9%	64,1%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,329[a]	1	,566		
Continuity Correction[b]	,113	1	,737		
Likelihood Ratio	,330	1	,565		
Fisher's Exact Test				,638	,370
Linear-by-Linear Association	,325	1	,569		
N of Valid Cases	78				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 12,21.

b. Computed only for a 2x2 table

Descriptives

	Respon terapi			Statistic	Std. Error
Umur	Tidak	Mean		12,11	2,117
		95% Confidence Interval for Mean	Lower Bound	7,76	
			Upper Bound	16,45	
		5% Trimmed Mean		10,71	
		Median		8,00	
		Variance		125,507	
		Std. Deviation		11,203	
		Minimum		2	
		Maximum		53	
		Range		51	
		Interquartile Range		13	
		Skewness		2,094	,441
		Kurtosis		5,686	,858
	Membaik	Mean		12,60	1,679
		95% Confidence Interval for Mean	Lower Bound	9,23	
			Upper Bound	15,97	
		5% Trimmed Mean		11,44	
		Median		7,00	
		Variance		140,980	
		Std. Deviation		11,873	
		Minimum		2	
		Maximum		50	
		Range		48	
		Interquartile Range		15	
		Skewness		1,336	,337
		Kurtosis		1,146	,662

Tests of Normality

	Respon terapi	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Umur	Tidak	,183	28	,017	,787	28	,000
	Membaik	,221	50	,000	,825	50	,000

a. Lilliefors Significance Correction

Descriptives

	Lama rawat			Statistic	Std. Error
Umur	>= 7 hari	Mean		12,87	2,499
		95% Confidence Interval for Mean	Lower Bound	7,69	
			Upper Bound	18,05	
		5% Trimmed Mean		11,43	
		Median		7,00	
		Variance		143,664	
		Std. Deviation		11,986	
		Minimum		2	
		Maximum		53	
		Range		51	
		Interquartile Range		16	
		Skewness		1,827	,481
		Kurtosis		4,487	,935
	< 7 hari	Mean		12,24	1,550
		95% Confidence Interval for Mean	Lower Bound	9,13	
			Upper Bound	15,34	
		5% Trimmed Mean		11,07	
		Median		7,00	
		Variance		132,110	
		Std. Deviation		11,494	
		Minimum		2	
		Maximum		50	
		Range		48	
		Interquartile Range		13	
		Skewness		1,469	,322
		Kurtosis		1,602	,634

Tests of Normality

	Lama rawat	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Umur	>= 7 hari	,223	23	,004	,792	23	,000
	< 7 hari	,195	55	,000	,817	55	,000

a. Lilliefors Significance Correction

Descriptives

	Status of Discharge			Statistic	Std. Error
Umur	Meninggal	Mean		12,60	4,632
		95% Confidence Interval for Mean	Lower Bound	-,26	
			Upper Bound	25,46	
		5% Trimmed Mean		12,33	
		Median		7,00	
		Variance		107,300	
		Std. Deviation		10,359	
		Minimum		3	
		Maximum		27	
		Range		24	
		Interquartile Range		19	
		Skewness		,766	,913
		Kurtosis		-1,771	2,000
	Sembuh	Mean		12,41	1,370
		95% Confidence Interval for Mean	Lower Bound	9,68	
			Upper Bound	15,14	
		5% Trimmed Mean		11,11	
		Median		7,00	
		Variance		137,107	
		Std. Deviation		11,709	
		Minimum		2	
		Maximum		53	
		Range		51	
		Interquartile Range		14	
		Skewness		1,580	,281
		Kurtosis		2,295	,555

Tests of Normality

	Status of Discharge	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Umur	Meninggal	,306	5	,143	,871	5	,269
	Sembuh	,195	73	,000	,814	73	,000

a. Lilliefors Significance Correction

Analisis multivariat

Dependent Variable Encoding

Original Value	Internal Value
< 7 hari	0
>= 7 hari	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
Derajat pneumonia	Pneumonia	17	1,000	,000
	Berat	52	,000	1,000
	Sangat berat	9	,000	,000
Komorbid	Ada	44	1,000	
	Tidak	34	,000	
Antibiotik	Tunggal	38	1,000	
	Kombinasi	40	,000	
SaO2	< 95	26	1,000	
	>= 95	52	,000	

Block 0: Beginning Block

Classification Table[a,b]

	Observed		Predicted		
			Lama rawat		Percentage Correct
			< 7 hari	>= 7 hari	
Step 0	Lama rawat	< 7 hari	55	0	100,0
		>= 7 hari	23	0	,0
	Overall Percentage				70,5

a. Constant is included in the model.

b. The cut value is ,500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-,872	,248	12,327	1	,000	,418

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	SaO2(1)	5,210	1	,022
		Pneumonia	4,098	2	,129
		Pneumonia(1)	1,466	1	,226
		Pneumonia(2)	,031	1	,861
		Antibiotik(1)	1,200	1	,273
		Komorbid(1)	4,064	1	,044
	Overall Statistics		13,632	5	,018

Block 1: Method = Backward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14,052	5	,015
	Block	14,052	5	,015
	Model	14,052	5	,015
Step 2[a]	Step	-3,661	2	,160
	Block	10,391	3	,016
	Model	10,391	4	,034
Step 3[a]	Step	-1,989	1	,158
	Block	8,403	2	,015
	Model	8,403	2	,015

a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step.

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	80,555[a]	,165	,235
2	84,216[b]	,125	,178
3	86,205[b]	,102	,145

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than ,001.

b. Estimation terminated at iteration number 4 because parameter estimates changed by less than ,001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	2,503	7	,927
2	,593	6	,997
3	,078	2	,962

Contingency Table for Hosmer and Lemeshow Test

		Lama rawat = < 7 hari		Lama rawat = >= 7 hari		Total
		Observed	Expected	Observed	Expected	
Step 1	1	6	6,557	1	,443	7
	2	9	8,574	1	1,426	10
	3	8	7,587	1	1,413	9
	4	8	8,304	2	1,696	10
	5	7	7,426	3	2,574	10
	6	5	5,259	3	2,741	8
	7	7	5,553	2	3,447	9
	8	2	2,583	3	2,417	5
	9	3	3,156	7	6,844	10
Step 2	1	8	8,248	1	,752	9
	2	14	13,378	2	2,622	16
	3	3	3,172	1	,828	4
	4	13	13,198	4	3,802	17
	5	3	3,202	2	1,798	5
	6	6	6,176	4	3,824	10

Step 3	7	5	4,382	3	3,618	8
	8	3	3,244	6	5,756	9
	1	22	21,755	3	3,245	25
	2	19	19,245	8	7,755	27
	3	6	6,245	3	2,755	9
	4	8	7,755	9	9,245	17

Classification Table[a]

	Observed		Predicted		
			Lama rawat		Percentage Correct
			< 7 hari	>= 7 hari	
Step 1	Lama rawat	< 7 hari	50	5	90,9
		>= 7 hari	14	9	39,1
	Overall Percentage				75,6
Step 2	Lama rawat	< 7 hari	52	3	94,5
		>= 7 hari	17	6	26,1
	Overall Percentage				74,4
Step 3	Lama rawat	< 7 hari	47	8	85,5
		>= 7 hari	14	9	39,1
	Overall Percentage				71,8

a. The cut value is ,500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	SaO2(1)	1,143	,577	3,925	1	,048	3,135	1,012	9,708
	Pneumonia			3,530	2	,171			
	Pneumonia(1)	-1,535	1,019	2,271	1	,132	,215	,029	1,587
	Pneumonia(2)	-1,600	,868	3,400	1	,065	,202	,037	1,106
	Antibiotik(1)	-,937	,585	2,567	1	,109	,392	,124	1,233
	Komorbid(1)	1,143	,604	3,579	1	,059	3,135	,960	10,244
	Constant	-,194	,928	,044	1	,834	,824		

Step 2[a]	SaO2(1)	1,053	,541	3,780	1	,052	2,865	,992	8,280
	Antibiotik(1)	-,765	,551	1,930	1	,165	,465	,158	1,369
	Komorbid(1)	1,151	,581	3,916	1	,048	3,160	1,011	9,877
	Constant	-1,630	,531	9,415	1	,002	,196		
Step 3[a]	SaO2(1)	1,085	,532	4,155	1	,042	2,958	1,043	8,393
	Komorbid(1)	,994	,560	3,146	1	,076	2,702	,901	8,103
	Constant	-1,903	,507	14,071	1	,000	,149		

a. Variable(s) entered on step 1: SaO2, Pneumonia, Antibiotik, Komorbid.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	SaO2	-42,283	4,011	1	,045
	Pneumonia	-42,108	3,661	2	,160
	Antibiotik	-41,630	2,706	1	,100
	Komorbid	-42,198	3,842	1	,050
Step 2	SaO2	-44,006	3,796	1	,051
	Antibiotik	-43,102	1,989	1	,158
	Komorbid	-44,223	4,230	1	,040
Step 3	SaO2	-45,196	4,188	1	,041
	Komorbid	-44,776	3,348	1	,067

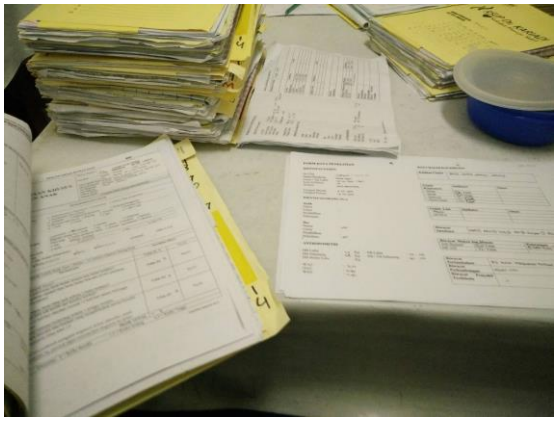
Variables not in the Equation

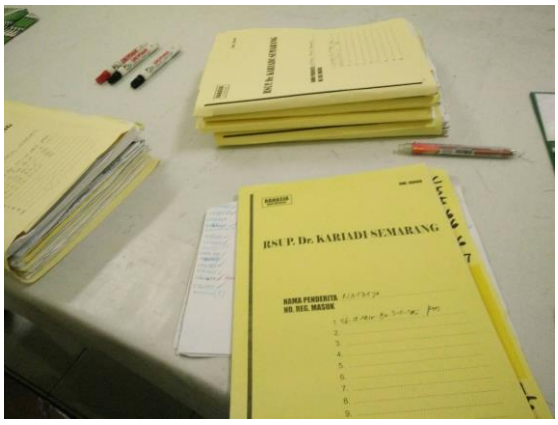
			Score	df	Sig.
Step 2[a]	Variables	Pneumonia	3,890	2	,143
		Pneumonia(1)	,087	1	,768
		Pneumonia(2)	1,306	1	,253
	Overall Statistics		3,890	2	,143
Step 3[b]	Variables	Pneumonia	3,159	2	,206
		Pneumonia(1)	,175	1	,676
		Pneumonia(2)	,903	1	,342
		Antibiotik(1)	1,966	1	,161
	Overall Statistics		5,432	3	,143

a. Variable(s) removed on step 2: Pneumonia.

b. Variable(s) removed on step 3: Antibiotik.

Lampiran 5. Dokumentasi





Lampiran 6. Biodata Mahasiswa

Identitas

Nama	: Aldora Putri Tammy
NIM	: 22010112130131
Tempat/tanggal lahir	: Padang, 20 April 1994
Jenis kelamin	: Perempuan
Alamat	: Jl. Bulusan Utara Raya No.01 , Tembalang, Semarang
Nomor Telepon	: -
Nomor HP	: 082226511913
e-mail	: tammy.aldoraputri@yahoo.com

Riwayat Pendidikan Formal

1. SD	: SDN 06 Batusangkar	Lulus tahun	: 2006
2. SMP	: SMPN 1 Pariaman	Lulus tahun	: 2009
3. SMA	: SMAN 1 Padang Panjang	Lulus tahun	: 2012
4. S1	: Pendidikan Dokter FK UNDIP	Masuk tahun	: 2012