

Lampiran 1

Check list penelitian

Kaax

**Lembar Ceklis Penelitian**

No	Nama	Usia Kehamilan	Umur ibu	Pari			Jarak kehamilan	Status Gizi	Frekuensi ANC	HB
				G	P	A				
1	Fitri	35	30	2	1	0	21	26	5	10,5
2	Fitri A	30	28	2	1	0	16	26	6	9,8
3	Fitri S	28	30	2	1	0	22	28	3	9
4	Fitri S	28	25	2	1	0	18	24	3	10
5	Fitri H	35	30	2	1	0	26	28	4	10,1
6	Fitri S	30	35	5	2	2	22	27	6	10,1
7	Fitri I	29	28	1	0	0	0	28	8	10,3
8	Fitri D	32	35	3	2	0	20	26	5	10,2
9	Fitri H	27	29	2	1	0	19	28	3	9,1
10	Fitri A	35	24	2	0	1	0	25	3	8,6
11	Fitri H	36	29	3	1	1	12	21	3	8,9
12	Fitri G	34	27	3	2	0	23	27	6	10,8
13	Fitri I	28	27	2	1	0	20	25	6	10,6
14	Fitri H	25	28	1	0	0	0	26	8	10,6
15	Fitri I	25	34	2	0	1	0	26	3	10,6
16	Fitri A	28	27	3	2	0	23	23	3	9,5
17	Fitri S	35	38	2	1	0	20	28	3	10,3
18	Fitri P	32	32	5	3	1	20	27	2	10,5
19	Fitri T	26	36	3	1	1	20	26	3	10,2
20	Fitri V	27	22	3	2	1	18	24	8	9,2
21	Fitri E	28	28	1	0	0	0	27	3	10
22	Fitri A	26	38	1	0	0	0	28	6	8,8
23	Fitri A	33	24	5	3	1	23	28	2	9,1
24	Fitri S	37	31	1	0	0	18	28	2	10,8
25	Fitri I	32	26	3	2	0	30	25	3	10,1
26	Fitri I	34	25	2	1	0	20	28	9	10,5
27	Fitri P	33	27	3	2	0	22	27	3	10,2
28	Fitri A	26	27	2	1	0	8	26	3	8,5
29	Fitri N	36	27	1	0	0	18	27	6	9,2
30	Fitri L	27	23	2	1	0	24	23	6	10,9
31	Fitri E	28	41	1	0	0	8	22	8	10
32	Fitri I	26	32	4	2	1	26	26	5	9,8
33	Fitri I	31	31	1	0	0	0	25	3	10
34	Fitri N	33	31	2	1	0	28	28	8	10,7
35	Fitri H	29	29	2	1	0	24	21	8	9,3
36	Fitri K	30	33	1	0	0	0	28	5	10,8
37	Fitri S	26	27	1	0	0	0	28	2	10,9
38	Fitri P	31	40	1	0	0	0	27	3	9,4
39	Fitri M	27	34	5	3	1	23	27	3	10,9

Control

Lembar Ceklis Penelitian

No	Nama	Usia Kehamilan	Umur ibu	Pari-tas			Jarak kehamilan	Status Gizi	Frekuensi ANC	HB
				G	P	A				
1	Ky. C	36	36	1	0	0	26	3	11	
2	Ky. M	26	36	6	2	3	20	8	11,4	
3	Ky. A	27	33	1	0	0	0	5	11,2	
4	Ky. S	29	20	2	0	1	0	3	11,4	
5	Ky. U	36	33	2	1	0	28	6	11,1	
6	Ky. S	31	28	2	1	0	32	6	11,7	
7	Ky. D	29	27	1	0	0	0	23	12,6	
8	Ky. U	36	27	2	1	0	25	3	11,3	
9	Ky. F	32	29	2	1	0	18	3	11,6	
10	Ky. I	29	40	4	2	1	20	3	11,5	
11	Ky. Z	20	31	3	1	1	28	3	11,1	
12	Ky. R	29	30	1	0	0	0	9	11,8	
13	Ky. Y	36	29	1	0	0	0	6	12,8	
14	Ky. M	26	36	2	1	0	32	7	11	
15	Ky. R	27	29	2	1	0	22	5	11,2	
16	Ky. R	29	38	4	3	0	20	6	13,3	
17	Ky. A	32	33	3	2	0	32	6	11,3	
18	Ky. R	34	28	1	0	0	0	6	12,2	
19	Ky. M	36	35	1	0	0	0	7	11,1	
20	Ky. E	31	26	1	0	0	0	7	11,6	
21	Ky. F	36	37	2	2	0	36	5	11,7	
22	Ky. F	36	28	2	1	0	18	5	11,6	
23	Ky. W	26	26	1	0	0	0	6	11,9	
24	Ky. C	30	26	1	0	0	0	5	11,5	
25	Ky. D	28	34	1	0	0	0	6	11,5	
26	Ky. E	32	30	2	0	1	0	6	12	
27	Ky. F	28	28	1	0	0	0	8	11,8	
28	Ky. J	31	32	3	2	0	25	3	11,3	
29	Ky. A	36	36	1	0	0	0	9	11,5	
30	Ky. D	27	33	2	1	0	28	7	11	
31	Ky. K	32	28	2	1	0	20	7	11,9	
32	Ky. W	28	28	2	0	0	0	5	11,2	
33	Ky. T	35	34	3	1	1	30	6	12,3	
34	Ky. S	30	27	2	0	1	0	6	11,9	
35	Ky. K	32	31	2	1	1	25	8	11,2	
36	Ky. E	34	32	3	1	0	28	10	11,3	
37	Ky. F	30	29	2	0	1	30	6	11,1	
38	Ky. L	29	28	1	0	1	0	5	11,5	
39	Ky. M	31	30	2	1	0	22	5	11,2	

## Lampiran 2

### Hasil SPSS

#### Hasil Analisis Univariat

##### usia responden

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	berisiko	13	16.7	16.7	16.7
	tidak berisiko	65	83.3	83.3	100.0
	Total	78	100.0	100.0	

##### jumlah kelahiran

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	berisiko	4	5.1	5.1	5.1
	tidak berisiko	74	94.9	94.9	100.0
	Total	78	100.0	100.0	

##### jarak kehamilan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	berisiko	59	75.6	75.6	75.6
	tidak berisiko	19	24.4	24.4	100.0
	Total	78	100.0	100.0	

##### status gizi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	berisiko	7	9.0	9.0	9.0
	tidak berisiko	71	91.0	91.0	100.0
	Total	78	100.0	100.0	

### frekuensi ANC

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	tidak lengkap	26	33.3	33.3	33.3
	lengkap	52	66.7	66.7	100.0
	Total	78	100.0	100.0	

### Hasil Analisis Bivariat

#### 1. Usia dengan kejadian anemia

### Crosstab

		kadar hemoglobin		Total	
		anemia	tidak anemia		
usia responden	berisiko	Count	7	6	13
		Expected Count	6.5	6.5	13.0
		% within kadar hemoglobin	17.9%	15.4%	16.7%
		% of Total	9.0%	7.7%	16.7%
	tidak berisiko	Count	32	33	65
		Expected Count	32.5	32.5	65.0
		% within kadar hemoglobin	82.1%	84.6%	83.3%
		% of Total	41.0%	42.3%	83.3%
Total	Count	39	39	78	
	Expected Count	39.0	39.0	78.0	
	% within kadar hemoglobin	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.092 <sup>a</sup>	1	.761		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	.092	1	.761		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.091	1	.763		
N of Valid Cases	78				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6,50.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for usia responden (berisiko / tidak berisiko)	1.203	.365	3.970
For cohort kadar hemoglobin = anemia	1.094	.624	1.916
For cohort kadar hemoglobin = tidak anemia	.909	.482	1.714
N of Valid Cases	78		

## 2. Paritas dengan kejadian anemia

### Crosstab

jumlah kelahiran			kadar hemoglobin		Total
			anemia	tidak anemia	
berisiko	berisiko	Count	3	1	4
		Expected Count	2.0	2.0	4.0
		% within kadar hemoglobin	7.7%	2.6%	5.1%
		% of Total	3.8%	1.3%	5.1%
	tidak berisiko	Count	36	38	74
		Expected Count	37.0	37.0	74.0
		% within kadar hemoglobin	92.3%	97.4%	94.9%
		% of Total	46.2%	48.7%	94.9%
Total	Count	39	39	78	
	Expected Count	39.0	39.0	78.0	
	% within kadar hemoglobin	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	1.054 <sup>a</sup>	1	.30
Continuity Correction <sup>b</sup>	.264	1	.60
Likelihood Ratio	1.101	1	.29
Fisher's Exact Test			
Linear-by-Linear Association	1.041	1	.30
N of Valid Cases	78		

a. 2 cells (50,0%) have expected count less than 5. The minimum expected

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for jumlah kelahiran (berisiko / tidak berisiko)	3.167	.315	31.858
For cohort kadar hemoglobin = anemia	1.542	.836	2.844
For cohort kadar hemoglobin = tidak anemia	.487	.088	2.697
N of Valid Cases	78		

### 3. Jarak kelahiran dengan kejadian anemia

#### Crosstab

		kadar hemoglobin		Total	
		anemia	tidak anemia		
jarak kehamilan	berisiko	Count	34	25	59
		Expected Count	29.5	29.5	59.0
		% within kadar hemoglobin	87.2%	64.1%	75.6%
		% of Total	43.6%	32.1%	75.6%
	tidak berisiko	Count	5	14	19
		Expected Count	9.5	9.5	19.0
		% within kadar hemoglobin	12.8%	35.9%	24.4%
		% of Total	6.4%	17.9%	24.4%
Total	Count	39	39	78	
	Expected Count	39.0	39.0	78.0	

% within kadar hemoglobin	100.0%	100.0%	100.0%
% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	5.636 <sup>a</sup>	1	.018		
Continuity Correction <sup>b</sup>	4.453	1	.035		
Likelihood Ratio	5.817	1	.016		
Fisher's Exact Test				.033	.017
Linear-by-Linear Association	5.564	1	.018		
N of Valid Cases	78				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9,50.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for jarak kehamilan (berisiko / tidak berisiko)	3.808	1.213	11.958
For cohort kadar hemoglobin = anemia	2.190	1.000	4.794
For cohort kadar hemoglobin = tidak anemia	.575	.385	.859
N of Valid Cases	78		

#### 4. Status Gizi dengan kejadian anemia

##### Crosstab

status gizi		kadar hemoglobin		Total
		anemia	tidak anemia	
berisiko	Count	4	3	7
	Expected Count	3.5	3.5	7.0
	% within kadar hemoglobin	10.3%	7.7%	9.0%
	% of Total	5.1%	3.8%	9.0%
tidak berisiko	Count	35	36	71
	Expected Count	35.5	35.5	71.0
	% within kadar hemoglobin	89.7%	92.3%	91.0%
	% of Total	44.9%	46.2%	91.0%
Total	Count	39	39	78

Expected Count	39.0	39.0	78.0
% within kadar hemoglobin	100.0%	100.0%	100.0%
% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	.157 <sup>a</sup>	1	.692		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	.157	1	.692		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.155	1	.694		
N of Valid Cases	78				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 3,50.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for status gizi (berisiko / tidak berisiko)	1.371	.286	6.576
For cohort kadar hemoglobin = anemia	1.159	.585	2.296
For cohort kadar hemoglobin = tidak anemia	.845	.349	2.049
N of Valid Cases	78		

## 5. Frekuensi *Antenatalcare* dengan kejadian anemia

### Crosstab

frekuensi ANC	tidak lengkap	Count	kadar hemoglobin		Total
			anemia	tidak anemia	
		Count	18	8	26
		Expected Count	13.0	13.0	26.0
		% within kadar hemoglobin	46.2%	20.5%	33.3%
		% of Total	23.1%	10.3%	33.3%
	lengkap	Count	21	31	52
		Expected Count	26.0	26.0	52.0



	% within kadar hemoglobin	53.8%	79.5%	66.7%
	% of Total	26.9%	39.7%	66.7%
Total	Count	39	39	78
	Expected Count	39.0	39.0	78.0
	% within kadar hemoglobin	100.0%	100.0%	100.0%
	% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	5.769 <sup>a</sup>	1	.016		
Continuity Correction <sup>b</sup>	4.673	1	.031		
Likelihood Ratio	5.882	1	.015		
Fisher's Exact Test				.030	.015
Linear-by-Linear Association	5.695	1	.017		
N of Valid Cases	78				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 13,00.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for frekuensi ANC (tidak lengkap / lengkap)	3.321	1.222	9.031
For cohort kadar hemoglobin = anemia	1.714	1.129	2.604
For cohort kadar hemoglobin = tidak anemia	.516	.278	.958
N of Valid Cases	78		

Lampiran 3  
Surat Kaji Etik



**DEWAN PENEGAKAN KODE ETIK UNIVERSITAS ESA  
UNGGUL KOMISI ETIK PENELITIAN**  
Jl. Arjuna Utara No.9 Kebon Jeruk Jakarta Barat 11510  
Telp. 021-5674223 email: dpke@esaunggul.ac.id

---

Nomor : 0922-12.005 /DPKE-KEP/FINAL-EA/UEU/XII/2022

**KETERANGAN LOLOS KAJI ETIK**  
**ETHICAL APPROVAL**

Komisi Etik Penelitian Universitas Esa Unggul dalam upaya melindungi hak asasi dan kesejahteraan subyek penelitian kesehatan, telah mengkaji dengan teliti protokol berjudul:

**FAKTOR RISIKO YANG BERHUBUNGAN DENGAN KEJADIAN ANEMIA PADA IBU  
HAMIL TRIMESTER III DI KLINIK PRATAMA PASEBAN JAKARTA PUSAT TAHUN 2021**

Peneliti Utama : Lucia Primadani Puspitasari, Amd.Keb  
Pembimbing : Deasy Febriyanty, SKM., MKM  
Nama Institusi : Universitas Esa Unggul

dan telah menyetujui protokol tersebut di atas.

Jakarta, 1 Desember 2022  
Plt. Ketua

Dr. CSP Wekadigunawan, DVM, MPH, PhD

- \* *Ethical approval* berlaku satu tahun dari tanggal persetujuan.  
\*\* Peneliti berkewajiban
1. Menjaga kerahasiaan identitas subyek penelitian
  2. Memberitahukan status penelitian apabila:
    - a. Setelah masa berlakunya keterangan lolos kaji etik, penelitian masih belum selesai, dalam hal ini *ethical approval* harus diperpanjang
    - b. Penelitian berhenti di tengah jalan
  3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*).
  4. Peneliti tidak boleh melakukan tindakan apapun pada subyek sebelum penelitian lolos kaji etik dan *informed consent*.

Lampiran 4  
Surat Izin Penelitian



RUMAH SAKIT  
**St. Carolus**  
Melayani Dari Hati,  
Membangkitkan Harapan

No. : 668/RSSC-SI/EU/VII/DIRUT/2022  
Perihal : Persetujuan Penelitian

8 Juli 2022

Kepada Yth.:  
Prof. Dr. apt. Aprilita Rina Yanti, Eff.,M. Biomed  
Dekan  
Universitas Esa Unggul  
Fakultas Ilmu – Ilmu Kesehatan  
Di tempat

Dengan hormat,

Sehubungan dengan surat Ibu perihal permohonan Ijin untuk pelaksanaan Penelitian bagi mahasiswa Lucia Primadani Puspitasari, dengan ini disampaikan persetujuan atas kegiatan penelitian selama 2 (dua) bulan Juli – Agustus 2022 (seminggu 2X) dengan pembimbing Ibu Hotma Yunita.

Untuk pelaksanaan kegiatan selama masa Pandemi maka kami sampaikan bahwa mahasiswa tetap mengikuti protokol kesehatan pencegahan Covid – 19 selama berada di lingkungan RS St. Carolus.

Sebelum pelaksanaan kegiatan Penelitian mahasiswa dimohon untuk melengkapi data administrasi di HRO RSSC – Sdr. Made Angga dengan membawa meterai 10.000,-

Demikian kami sampaikan, atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Hormat kami,  
Direktur Utama RS St. Carolus

Dr. Robertus Beget Prasetyo, Sp.U

Tembusan:  
Kepada Yth.  
1. Direksi (DP, DSU)  
2. Direktur Klinik Pratama  
3. Ka. Bid. SDM  
4. Ka. HRO  
Save 668 - 2022 – EU – DIRUT  
RBP-ekd