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Lamp. 1 Kuesioner Penyaringan

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SEKOLAH PASCASARJANA
PROGRAM STUDI MAGISTER KEBIDANAN

Identitas

No. Responden / Umur : …… / ……Tahun
Paritas : ……..
Jarak Kehamilan : ……..
Pendidikan : ……..
Pekerjaan : ……..
Alamat : ……..
No. HP : ……..
HPHT : ……..

Anamnesa

Apakah Ibu menerima tablet tambah darah / MMS ?
Ya b. Tidak
Apakah tablet tambah darah / MMS yang diberikan dikonsumsi?
Ya b. Tidak
Apakah ibu merasakan manfaatnya?
Ya b.Tidak
Apakah Ibu mengkonsumsi suplemen lain selain tablet tambah darah / MMS ?
Ya b. Tidak
Jika Ya (ingat) apa jenisnya, nama suplemen dan berapa banyak yang ibu konsumsi sejak hamil.
Jenis / nama : ……
Jumlah : ……
Apakah ibu ada riwayat penyakit keturunan?
Ya b. Tidak
Apakah keluarga ibu ada riwayat penyakit keturunan?
Ya b. Tidak
Jika Ya, Sebutkan :……..
Apakah ibu alergi pada jenis obat dan makan tertentu?
Ya, sebutkan …….. b. Tidak
Apakah kehamilan ibu direncanakan?
Ya b. Tidak
Pemeriksaan Antropometri :
BB Sebelum Hamil : …… kg
TB : …… kg
IMT : ……
BB Sekarang : …… kg
LILA : …… cm
Pemeriksaan Fisik :
Keadaan umum : ……
Tekanan darah : …… mm.hg
Respirasi : …… x/mnt
Denyut nadi : …… x/ mnt
Suhu : …… °C
Pemeriksaan Penunjang :
Haemoglobin : …… gr/dl
Lainnya : ……

Diagnosa : ……..
Kesimpulan : ……..

Lamp. 2 Kuesioner Penelitian

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KUESIONER PENELITIAN

Pengaruh Pemberian Kapsul Ekstrak Daun Kelor yang diperkaya Royal Jelly terhadap Perubahan Kadar HB, Eritrosit dan Indeks Eritrosit pada Ibu Hamil

	IDENTITAS RESPONDEN		
A.1	Nama Desa		
A.2	Nama Ibu Hamil		
A.3	Nama Suami		
A.4	Tanggal Lahir	/dd/mm/yy	
A.5	No. ID		
A.6	No. Telp./HP		
	DATA IBU HAMIL		
B.1	Usia Kehamilan Saat ini	minggu	
	HPHT		
B.2	Apakah Ibu Pernah melahirkan sebelumnya	0. Tidak 1. Ya	
	1. Jika Ya, Kapan persalinan terakhir?	…./…./….(dd/mm/yy)	
B.3	Riwayat Persalinan Hamil Ke Jumlah lahir hidup Jumlah lahir mati Abortus	 …….. …….. …….. ……	
	POLA MAKAN		
C.1	Pre Test Cukup : Jika dalam salah satu waktu makan (pagi / siang / malam) ada Karbohidrat + protein + sayur + buah / susu Kurang : Jika dalam salah satu waktu makan (pagi/siang/malam) Kurang dari salah satu kategori makanan cukup	 Cukup Kurang	
C.2	Post Test a. Cukup : Jika dalam salah satu waktu makan (pagi / siang / malam) ada Karbohidrat + protein + sayur + buah / susu b. Kurang : Jika dalam salah satu waktu makan (pagi/siang/malam) Kurang dari salah satu kategori makanan cukup	Cukup Kurang	
	PEMERIKSAAN ANTROPOMETRI		
D.1	BB PreTest Under weight Normal weight Over weight		
D.2	BB Post Test a. Under weight b. Normal weight c. Over weight		
	PEMERIKSAAN LABORATORIUM		
E.1	Pre test Kadar Hb Jumlah eritrosit Indeks Eritrosit MCV MCH MCHC	 ……gr/dl …… juta/mm ……fl …….pg ……gr/dl	

E.2	Post test Kadar Hb JUmlah Eritrosit Indeks Eritrosit MCV MCH MCHC	 a. ……gr/dl b. ……juta/mm c. …..fl …..pg …..gr/dl	

Lamp. 3 Naskah Penjelasan Penelitian

Pengaruh Pemberian Kapsul Ekstrak Daun Kelor yang Diperkaya Royal Jelly (MRJ) terhadap Berat Badan, Asupan Makan, Kadar Hb,Eritrosit, Indeks Eritrosit, TLC, Kadar MDA, Kadar Kortisol dan Tingkat Stres pada Ibu Hamil

NASKAH PENJELASAN REPADA RESPONDEN PENELITIAN

Assalamualaikum Warahmatullahi Wabarakatuh, Selamat pagi/siang/Sore Ibu.
Dengan Hormat

Nama peneliti Baiq Dwinta Diah Larasanty, Dian Rianti Said, Dwi Kartika Sari dan Riska Mila Valentina, kami mahasiswa Magister Kebidanan Universitas Hasanuddin yang sedang menjalani pendidikan dan saat ini akan melakukan penelitian sebagai bagian dari tugas akhir dengan judul **"Pengaruh Pemberian Kapsul Ekstrak Daun Kelor yang Diperkaya Royal Jelly (MRJ) terhadap Berat Badan, Asupan Makan, Kadar Hb, Eritrosit, Indeks Eritrosit, TLC, Kadar Malondialdehyde (MDA), Kadar Kortisol dan Tingkat Stres pada Ibu Hamil".**

Pada penelitian ini, ibu hamil usia kehamilan 13-26 minggu dipilih sebagai calon responden. Penelitian ini bertujuan untuk mengetahui pengaruh pemberian kapsul MRJ terhadap perubahan berat badan, asupan makanan, kadar hemoglobin, eritrosit, indeks eritrosit, Indeks imunitas, kadar MDA, kadar kortisol dan tingkat stres ibu hamil dalam rangka menjaga kesehatan tubuh selama kehamilannya..

Ibu hamil yang terpilih menjadi responden akan diberikan kapsul MRJ dengan dosis 2 kapsul yang diminum dalam sehari atau Multiple Micro-nutrient Supplement (MMS) dosis 1 tablet yang diminum dalam sehari selama 3 bulan. Responden akan diambil sampel darah (3 ml) dan air liur (10 mikroliter) sebanyak dua kali. Pengambilan pertama dilakukan pada hari sebelum pemberian MRJ atau MMS untuk pretest dan pengambilan kedua diambil pada hari pertama setelah 3 bulan pemberian MRJ atau MMS.

Kapsul MRJ dan MMS tidak memiliki efek samping bagi kesehatan jika dikonsumsi sesuai dosis yang diberikan. Selama masa penelitian ini ibu tidak diperkenankan untuk mengkonsumsi suplemen tambahan selain biskuit tambahan dari puskesmas karena akan mengganggu hasil penelitian. Namun sebelumnya akan dilakukan wawancara sekitar 15 menit kepada ibu tentang biodata, riwayat reproduksi, mengisi kuesioner DASS, sanitasi, asupan makan dalam 24 jam dan aktivitas fisik.

Setiap data responden bersifat rahasia dan hanya akan digunakan untuk kepentingan penelitian. Dalam penelitian ini, ibu tidak dikenakan biaya apapun. Pemeriksaan laboratorium yang dilakukan ditanggung oleh peneliti. Bila ibu bersedia menjadi responden, mohon untuk menandatangani surat persetujuan yang telah disiapkan. Jika selama penelitian ibu merasa tidak berkenan dengan alasan tertentu, ibu berhak mengundurkan diri dari penelitian.

Demikian penjelasan ini kami sampaikan, atas kesediaan ibu untuk turut serta dalam penelitian ini disampaikan terima kasih

Tim Peneliti :
Baiq Dwinta Diah Larasanty
Dian Rianti Said
Dwi Kartika Sari
Riska Mila Valentina

Ketua Tim Peneliti

TTd

Prof. dr. Veni Hadju, M.Sc, Ph.D.

Lamp. 4 Informed Consent

UNIVERSITAS HASANUDDIN MAKASSAR
SEKOLAH PASCASARJANA
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INFORMED CONSENT
PERNYATAAN PERSETUJUAN MENJADI RESPONDEN

Saya yang bertanda tangan dibawah ini :
Nama : ……
Tanggal lahir / umur : ……
Alamat : ……
No HP : ……
Setelah mendapat penjelasan secara rinci, membaca dan mengerti mengenai tujuan dan manfaat dari Penelitian dengan judul **"Pengaruh Pemberian Kapsul Ekstrak Daun Kelor yang Diperkaya Royal Jelly terhadap Berat Badan, Asupan Makanan, Kadar Hemoglobin, Eritrosit, Indeks Eritrosit, Indeks Inflamasi, Kadar MDA, Kadar Kortisol dan Tingkat Stress pada Ibu Hamil"**, yang dilakukan oleh Riska Mila Valentina (P102221002), Dian Rianti Said (P102221007), Baiq Dwinta Diah Larasanty (P102221010), dan Dwi Kartika Sari (P102221013) saya menyatakan **BERSEDIA / TIDAK BERSEDIA*)** untuk berpartisipasi dalam penelitian ini. Keikutsertaan saya sebagai responden adalah karena keinginan sendiri tanpa ada paksaan dari pihak manapun.
Saya percaya bahwa keamanan dan kerahasiaan data yang diperoleh dari saya akan terjamin dan saya menyetujui semua informasi dari saya yang dihasilkan pada penelitian ini dapat dipublikasikan dalam bentuk lisan maupun tulisan dengan tidak mencantumkan nama. Bila terjadi perbedaan pendapat dikemudian hari, kami akan menyelesaikannya secara kekeluargaan.

Banggai,……Juli 2023
Responden

*) Coret yang tidak perlu

……

Lamp. 5 Lembar Observasi Pemberian MRJ

UNIVERSITAS HASANUDDIN MAKASSAR
PROGRAM PASCASARJANA
PROGRAM STUDI MAGISTER KEBIDANAN

LEMBAR OBSERVASI PEMBERIAN KAPSUL EKSTRAK DAUN KELOR YANG DIPERKAYA DENGAN ROYAL JELLY (MRJ)

No. Responden:
Nama Inisial : …….
Umur : …….
Paritas : …….
Pekerjaan : …….
Pendidikan : …….
Alamat : …….
No. Hp : …….

Beri centang (✓) pada kolom setiap kali ibu mengkonsumsi MRJ

Waktu Konsumsi	Minggu I							Minggu II							Jumlah yang diberikan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Jumlah:
Pagi															
Sore															Sisa :
	Minggu III							Minggu IV							Jumlah:
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Pagi															
Sore															Sisa:
	Minggu V							Minggu VI							Jumlah:
	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
Pagi															
Sore															Sisa:
	Minggu VII							Minggu VII							Jumlah:
	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
Pagi															
Sore															Sisa:
	Minggu IX							Minggu X							Jumlah :
	57	58	59	60	61	62	63	64	65	66	67	68	69	70	
Pagi															
Sore															Sisa :
	Minggu XI							Minggu XII							Jumlah :
	71	72	73	74	75	76	77	78	79	80	81	82	83	84	
Pagi															
Sore															Sisa :

Lamp. 6 Lembar Observasi Pemberian MMS

UNIVERSITAS HASANUDDIN MAKASSAR
SEKOLAH PASCASARJANA
PROGRAM STUDI MAGISTER KEBIDANAN

LEMBAR OBSERVASI
PEMBERIAN MULTIPLE MICRO-NUTRIENT SUPPLEMENT (MMS)

No. Responden : ……..
Nama Inisial : ……..
Umur : ……..
Paritas : ……..
Pekerjaan : ……..
Pendidikan : ……..
Alamat : ……..
No. Hp : ……..

Beri tanda centang (✓) pada kolom setiap kali ibu mengkonsumsi MMS

Waktu Konsumsi	Minggu I							Minggu II							Jumlah yang diberikan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Jumlah:
Malam															Sisa :
	Minggu III							Minggu IV							Jumlah:
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Malam															Sisa:
	Minggu V							Minggu VI							Jumlah:
	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
Malam															Sisa:
	Minggu VII							Minggu VII							Jumlah:
	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
Malam															Sisa:
	Minggu IX							Minggu X							Jumlah :
	57	58	59	60	61	62	63	64	65	66	67	68	69	70	
Malam															Sisa :
	Minggu XI							Minggu XII							Jumlah :
	71	72	73	74	75	76	77	78	79	80	81	82	83	84	
Malam															Sisa :

Lamp. 7 Formulir Food Recall 24 Jam

UNIVERSITAS HASANUDDIN MAKASSAR
SEKOLAH PASCASARJANA
PROGRAM STUDI MAGISTER KEBIDANAN

FORMULIR FOOD RECALL 24 JAM

Hari/Tangggal : ……..
Hari ke : ……..
Nama Responden :……

Waktu Makan	Menu Makan	Bahan Makanan	Ukuran	
			URT	Berat (gram)
Pag i/ Jam :				
Selingan Pagi / Jam :				
Siang / Jam :				
Selingan Sore / Jam :				
Malam /Jam :				

Lamp. 8 Rekomendasi Komite Etik Penelitian

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN
RISET, DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
FAKULTAS KESEHATAN MASYARAKAT
Jln.Perintis Kemerdekaan Km.10 Makassar 90245, Telp.(0411) 585658,
E-mail : fkm.unhas@gmail.com, website: https/fkm.unhas.ac.id/

REKOMENDASI PERSETUJUAN ETIK
Nomor : **4352/UN4.14.1/TP.01.02/2023**

Tanggal : 10 Juli 2023

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No.Protokol	30623092125	No. Sponsor Protokol	
Peneliti Utama	**1. Prof. Dr. Veni Hadju, M. Sc.,Ph. D** **2. Dian Rianti Said** **3. Baiq Dwinta Diah Larasanty** **4. Dwi Kartika Sari** **5. Riska Mila Valentina**	Sponsor	JOB Pertamina Medco Tomori Sulawesi dan biaya mandiri
Judul Peneliti	**Pengaruh Pemberian Kapsul Ekstrak Daun Kelor (*Moringa Oleifera*) yang diperkaya dengan Royal Jelly (MRJ) Terhadap Berat Badan, Kadar Hemoglobin, Malondialdehid (MDA) , Kortisol pada Ibu Hamil**		
No.Versi Protokol	1	Tanggal Versi	30 Juni 2023
No.Versi PSP	1	Tanggal Versi	30 Juni 2023
Tempat Penelitian	**Kecamatan Batui Selatan (Batsel) dan Moilong, Kabupaten Banggai, Sulawesi Tengah**		
Judul Review	☐ Exempted ☒ Expedited ☐ Fullboard	Masa Berlaku **10 Juli 2023 Sampai 10 Juli 2024**	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof.dr.Veni Hadju,M.Sc,Ph.D	Tanda tangan	Tanggal 10 Juli 2023
Sekretaris komisi Etik Penelitian	Nama : Dr. Wahiduddin, SKM.,M.Kes	Tanda tangan	Tanggal 10 Juli 2023

Kewajiban Peneliti Utama :

1. Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
2. Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
3. Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
4. Menyerahkan laporan akhir setelah Penelitian berakhir
5. Melaporakn penyimpangan dari protocol yang disetujui (protocol deviation/violation)
6. Mematuhi semua peraturan yang ditentukan

Lamp. 9 Izin Penelitian

PEMERINTAH KABUPATEN BANGGAI
DINAS PENANAMAN MODAL DAN
PELAYANAN TERPADU SATU PINTU (DPMPTSP)
JL. JEND. AHMAD YANI NO. 12 TELP. 0461 -21620 LUWUK – KAB. BANGGAI
SULAWESI TENGAH

IZIN PENELITIAN

Nomor : 503/125/DPMPTSP/IP/XII/2022

Dasar : 1. Surat Permohonan Izin Penelitian Sdr. Prof. dr. Veni Hadju, MSc. PhD, tanggal 25 November 2022.
2. Rekomendasi Badan Kesatuan Bangsa dan Politik Kabupaten Banggai Nomor : 070/216.1/BKB-P/2022, tanggal 05 Desember 2022.

Diberikan Izin Penelitian kepada :

Nama	: **Prof. dr. VENI HADJU, MSc. PhD**
Pekerjaan	: Dosen
NIK	: **7309011803620001**
Alamat	: Pesantren Darul Istiqomah Kec. Mandai Kab. Maros
Lembaga	: Universitas Hasanuddin Makassar
Fakultas	: Kesehatan Masyarakat
Penanggung Jawab	: Ketua Peneliti
Judul Penelitian	: Study Penanganan Stunting Dan Peningkatan Kualitas Kesehatan Di Area Operasi JOB Pertamina-Medco E&P Tomori Sulawesi
Daerah Penelitian	: Area Operasi JOB Pertamina-Medco E&P Tomori Sulawesi Kabupaten Banggai

Dengan ketentuan-ketentuan Sebagai berikut :

1. Tidak dibenarkan mengadakan kegiatan yang tidak sesuai dengan penelitian yang dimaksud;
2. Mentaati peraturan perundang-undangan yang berlaku serta mengindahkan norma dan adat istiadat setempat;
3. Apabila masa berlaku izin penelitian ini sudah berakhir dan pelaksanaannya belum selesai maka diwajibkan mengajukan perpanjangan Izin Penelitian;
4. Apabila tidak mentaati ketentuan seperti tersebut di atas maka Izin Penelitian ini dicabut dan dinyatakan tidak berlaku.
5. Izin Penelitian ini mulai berlaku selama 1 (satu) tahun sejak tanggal dikeluarkan sampai dengan ***06 Desember 2023.***

Dikeluarkan di Luwuk
Pada Tanggal 06 Desember 2022

KEPALA DINAS PENANAMAN MODAL DAN
PELAYANAN TERPADU SATU PINTU
KABUPATEN BANGGAI

DPMPTSP

Dr. [illegible]NUS LEMBA KURAPA
[illegible]ina Utama Muda, IV/c
NIP. 19670103 199303 1 011

Lamp. 10 Keterangan Selesai Melakukan Penelitian di Puskesmas Sinorang

PEMERINTAH KABUPATEN BANGGAI
DINAS KESEHATAN
UPTD PUSKESMAS SINORANG

Alamat : Desa Bonebalantak kec. Batui selatan 94763, Email : pkmsinorang1@gmail.com

SURAT KETERANGAN SELESAI PENELITIAN

Nomor: 445 / 769 /SKT / PKM. SIN / X/2023

Yang Bertanda tangan dibawah ini : Kepala UPTD Puskesmas Sinorang Kecamatan Batui Selatan,dengan ini menerangkan bahwa:

Nama	: Baiq Dwinta Diah Larasanty
NIM	: P102221010
Program Studi	: Magister Kebidanan
Konsentrasi	: Kebidanan
Asal Perguruan Tinggi	: Universitas Hasanuddin Makassar

Benar telah melakukan penelitian diwilayah kerja Puskesmas Sinorang Kecamatan Batui Selatan, Kabupaten Banggai Sulawesi Tengah sejak 13 Juli s/d 31 Oktober 2023 untuk penyusunan Tugas Akhir (Tesis) dengan judul **"PENGARUH PEMBERIAN EKSTRAK DAUN KELOR YANG DIPERKAYA ROYAL JELLY TERHADAP PENINGKATAN KADAR HEMOGLOBIN DAN INDEKS ERITROSIT IBU HAMIL".**

Demikian surat keterangan ini dibuat untuk dapat digunakan sebagaimana mestinya.

Batui Selatan, 31 Oktober 2023
Mengetahui,
Kepala UPTD Puskesmas Sinorang

Bdn. Serly Soeleman, S.Tr.Keb
NIP.19750930 200604 2 017

Lamp. 11 Keterangan Selesai Melakukan Penelitian di Puskesmas Toili I

PEMERINTAH KABUPATEN BANGGAI
DINAS KESEHATAN
UPTD PUSKESMAS TOILI I
KECAMATAN MOILONG
Jl. Flamboyan No. 01 Desa Slametharjo Email :puskesmastoilisatu@gmail.com

SURAT KETERANGAN SELESAI PENELITIAN
Nomor: 800/ 1256 / Pusk Tli-I

Yang Bertanda tangan dibawah ini, Kepala UPTD Puskesmas Toili 1 Kecamatan Moilong, dengan ini menerangkan bahwa :

Nama	: Baiq Dwinta Diah Larasanty
NIM	: P102221010
Program Studi	: Magister Kebidanan
Konsentrasi	: Kebidanan
Asal Perguruan Tinggi	: Universitas Hasanuddin Makassar

Benar telah melakukan penelitian diwilayah kerja Puskesmas Toili 1 Kecamatan Moilong, Kabupaten Banggai Sulawesi Tengah sejak 13 Juli s/d 31 Oktober 2023 untuk penyusunan Tugas Akhir (Tesis) dengan judul **"PENGARUH PEMBERIAN EKSTRAK DAUN KELOR YANG DIPERKAYA ROYAL JELLY TERHADAP PENINGKATAN KADAR HEMOGLOBIN DAN INDEKS ERITROSIT IBU HAMIL".**

Demikian surat keterangan ini dibuat untuk dapat digunakan sebagaimana mestinya.

Moilong, 12 Oktober 2023
Mengetahui,
Kepala UPTD Puskesmas Toili 1

Sarpin ,S.Tr.Kep,.Ns
NIP. 19821207 200604 1 010

Lamp. 12 Master Tabel Penelitian

A. Karakteristik Responden

No	KLP	Umur	U.K	Gravida	Jarak Hamil	LiLA	Pendidikan	Pekerjaan	Penghasilan
1	A	33	16	2	5	29	SMP	Tidak Bekerja	<1 juta
2	A	32	10	2	7	25.6	Sarjana	Bekerja	3.1->5 juta juta
3	A	24	11	1	4	34	SMA	Tidak Bekerja	<1 juta
4	A	30	16	2	12	25.2	SD	Tidak Bekerja	1-2 juta
5	A	24	20	1	0.83	23	SMA	Tidak Bekerja	1-2 juta
6	A	25	10	2	2	27	SMA	Tidak Bekerja	1-2 juta
7	A	30	18	1	2	32.5	SMA	Tidak Bekerja	<1 juta
8	A	26	14	0		21	SMP	Tidak Bekerja	1-2 juta
9	A	24	24	1	4	23.5	Tidak tamat SD	Tidak Bekerja	<1 juta
10	A	23	20	1	4	28	SMA	Tidak Bekerja	2.1-3 juta
11	A	29	20	2	1.5	30	SD	Tidak Bekerja	1-2 juta
12	A	25	10	2	6	30	SMP	Tidak Bekerja	1-2 juta
13	A	22	12	0		22	SMA	Tidak Bekerja	1-2 juta
14	A	22	21	1	3	27.7	SMA	Tidak Bekerja	2.1-3 juta
15	A	25	19	2	1	27	SMA	Tidak Bekerja	<1 juta
16	A	26	20	2	5	23	SD	Tidak Bekerja	<1 juta
17	A	33	12	3	11	30.5	SD	Tidak Bekerja	2.1-3 juta
18	A	25	18	1	2	28.5	SMA	Tidak Bekerja	>5 juta
19	A	33	16	3	4	26.5	SMA	Tidak Bekerja	1-2 juta
20	A	21	18	0		22.5	SMA	Tidak Bekerja	1-2 juta
21	A	20	13	0		26	SMA	Tidak Bekerja	1-2 juta
22	A	31	20	1	1	27	Diploma	Bekerja	1-2 juta
23	A	23	15	1	6	29	SMA	Tidak Bekerja	>5 juta
24	A	23	12	0		24	SMA	Bekerja	1-2 juta
25	A	29	16	1	8	24.8	SMA	Tidak Bekerja	3.1->5 juta juta
26	A	23	25	1	2	28	SMA	Tidak Bekerja	1-2 juta
27	A	20	11	0		22.5	SMA	Tidak Bekerja	1-2 juta
28	A	32	24	2	9	26	SD	Bekerja	<1 juta
29	A	20	13	1	2	23	SMA	Tidak Bekerja	<1 juta
30	A	21	16	0		23	SMA	Tidak Bekerja	2.1-3 juta
31	A	26	15	3	1	25	SMA	Tidak Bekerja	<1 juta
32	B	19	21	2	3	24.2	SMP	Tidak Bekerja	1-2 juta
33	B	24	13	1	4	26.2	SMP	Tidak Bekerja	<1 juta
34	B	28	24	2	3	26.8	SMP	Tidak Bekerja	<1 juta
35	B	31	20	1	11	31.5	SMA	Bekerja	<1 juta
36	B	19	20	0		26.5	SMA	Tidak Bekerja	<1 juta
37	B	31	14	1	5	26	SMA	Bekerja	3.1->5 juta juta
38	B	26	15	1	11	25.8	SD	Tidak Bekerja	2.1-3 juta
39	B	31	16	1	10	26	SMA	Bekerja	>5 juta
40	B	21	24	0		24.4	SMA	Tidak Bekerja	<1 juta

41	B	24	19	1	3	27.5	SMA	Tidak Bekerja	1-2 juta
42	B	25	16	1	4	29.5	SMA	Tidak Bekerja	<1 juta
43	B	28	13	1	8	31	SMA	Tidak Bekerja	1-2 juta
44	B	30	22	1	6	28	Diploma	Bekerja	2.1-3 juta
45	B	26	15	1	6	27	SMP	Tidak Bekerja	<1 juta
46	B	18	23	0		24.5	SMA	Tidak Bekerja	3.1->5 juta juta
47	B	35	10	3	5	27.8	SMP	Tidak Bekerja	2.1-3 juta
48	B	29	20	1	6	26	SMA	Tidak Bekerja	1-2 juta
49	B	22	21	0		23.3	SMA	Tidak Bekerja	1-2 juta
50	B	18	8	0		24.8	SMP	Tidak Bekerja	1-2 juta
51	B	20	25	0		29	SMA	Tidak Bekerja	2.1-3 juta
52	B	18	21	0		36	SMP	Tidak Bekerja	<1 juta
53	B	25	14	2	6	24.5	SMP	Tidak Bekerja	2.1-3 juta
54	B	30	19	2	4	22.5	SMP	Tidak Bekerja	1-2 juta
55	B	26	13	1	1	26	SMA	Tidak Bekerja	3.1->5 juta juta
56	B	29	17	1	7	23	SD	Tidak Bekerja	2.1-3 juta
57	B	20	24	0		25	SMA	Tidak Bekerja	1-2 juta
58	B	23	20	1	2	21	SMP	Tidak Bekerja	1-2 juta
59	B	23	13	0	5	25.6	Sarjana	Bekerja	3.1->5 juta juta
60	B	23	23	1	2	24	SMP	Tidak Bekerja	1-2 juta
61	B	24	13	2	1	29	SMP	Tidak Bekerja	1-2 juta

KETERANGAN KODING :

Variabel	Kode	Kategori	Keterangan
Kelompok	0	Kontrol	Suplemen MMS
	1	Intervensi	Ekstrak kelor MRJ
Umur	0	Risiko Rendah	Umur ibu ≥ 20 dan ≤ 35 tahun
	1	Risiko tinggi	Umur ibu < 20 atau > 35 tahun
Umur Kehamilan	0	Trimester 1	Umur kehamilan ≥ 1 dan ≤ 13 minggu
	1	Trimester 2	Umur kehamilan ≥ 14 dan ≤ 27 minggu
Gravida	0	Primigravida	Hamil pertama kali
	1	Multigravida	Hamil lebih dari sekali
Jarak Kehamilan	0	Risiko Rendah	Primigravida atau jarak persalinan ≥ 2 tahun
	1	Risiko tinggi	Jarak persalinan < 2 tahun
Status Gizi	0	Baik	LiLA ≥ 23.5
	1	Buruk	LiLA < 23.5
Pendidikan	0	Rendah	Tidak tamat SD, SD, SMP
	1	Tinggi	SMA, Sarjana, Diploma
Pekerjaan	0	Tidak bekerja	Tidak bekerja
	1	Bekerja	Bekerja
Penghasilan	0	Rendah	Penghasilan < 2.1 juta

	1	Tinggi	Penghasilan ≥ 2.1 juta

B. Asupan Makan berdasarkan % Angka Kecukupan Gizi Responden

No.	Asupan Makan											
	Pre Intervensi						Post Intervensi					
	Energi %	Protein %	Lemak %	KH%	Iron%	Vit. C%	Energ %	Protein %	Lemak %	KH%	Iron%	Vit. C%
1	34.38	10.43	1.71	43.64	11.51	11.22	38.12	12.59	4.01	43.04	13.48	7.80
2	20.16	120.30	20.30	42.43	14.70	32.42	13.13	106.19	42.74	51.76	12.85	33.41
3	28.92	47.93	13.03	58.89	27.72	19.41	27.63	23.73	5.63	49.12	8.74	29.46
4	64.52	48.77	36.26	83.17	4.02	87.77	88.28	132.31	48.06	99.32	10.48	77.88
5	93.58	140.83	91.59	81.31	13.00	22.88	88.08	140.83	91.59	81.31	13.00	22.88
6	74.04	203.48	41.95	69.75	32.42	78.97	92.30	132.19	21.99	74.34	23.19	34.53
7	25.21	22.20	20.83	29.83	15.00	57.69	63.81	65.34	4.21	88.77	20.63	0.00
8	44.44	313.42	73.99	3.38	9.46	158.29	38.14	69.93	17.98	41.82	13.11	47.88
9	90.31	84.18	42.04	104.66	20.36	259.73	73.23	107.56	14.35	61.62	48.93	27.06
10	59.75	109.05	27.58	122.73	21.38	6.66	39.69	63.57	12.42	25.58	49.00	25.53
11	111.91	118.50	37.62	133.02	25.29	3.13	94.76	108.77	181.49	63.46	33.41	12.71
12	60.33	138.42	24.47	63.04	24.83	36.35	34.38	6.70	256.66	1.19	9.70	29.65
13	38.94	61.36	16.47	44.94	43.92	8.01	40.51	46.36	9.55	40.04	10.63	61.18
14	46.05	66.31	6.84	53.17	20.76	30.11	95.05	34.26	10.42	119.95	35.67	23.71
15	107.52	113.45	190.62	212.39	32.78	391.04	64.81	77.31	387.24	177.52	13.26	36.00
16	44.55	38.93	21.39	57.29	24.62	92.17	63.05	96.49	42.60	67.90	13.33	13.06
17	107.59	105.15	36.23	146.06	42.77	104.99	42.52	38.34	34.93	41.03	24.26	126.88
18	36.90	114.67	54.72	139.73	38.23	72.74	31.50	43.16	36.67	29.24	39.26	6.53
19	78.14	57.43	5.55	45.77	17.56	12.00	53.28	55.20	8.46	46.11	17.74	9.65
20	65.88	77.94	102.30	56.56	17.07	46.14	32.67	23.61	4.64	27.46	16.19	4.87
21	34.73	4.68	0.63	9.34	14.57	62.19	32.88	17.34	9.94	38.31	13.37	40.95
22	26.41	101.40	75.97	134.42	13.43	120.36	28.56	6.30	31.14	38.36	9.30	622.82
23	106.23	198.78	112.21	87.23	33.09	23.28	76.30	48.01	51.71	72.99	21.96	144.82
24	53.04	164.19	122.54	133.79	44.41	33.72	63.16	131.70	10.52	24.90	21.30	28.06
25	68.76	42.37	31.78	27.00	6.53	83.27	70.98	60.66	24.67	81.95	13.15	68.61
26	112.87	135.57	65.45	123.83	7.71	74.00	38.38	30.49	6.49	35.80	8.81	2.18
27	66.42	51.38	374.43	1.76	22.11	12.71	63.29	44.77	374.43	1.69	14.74	12.71
28	88.65	94.11	62.16	101.97	31.25	0.12	43.94	31.86	5.26	64.27	19.59	39.18
29	59.13	116.90	76.70	44.54	3.19	32.22	30.54	40.81	6.98	22.03	2.96	17.65
30	77.43	106.97	41.81	82.73	26.60	5.05	59.87	95.33	121.98	31.22	24.89	39.40
31	58.48	128.25	46.32	174.65	7.54	69.13	63.40	87.50	111.04	37.01	4.74	0.35
32	23.57	17.67	11.84	18.55	9.32	209.82	31.08	112.19	12.60	23.77	15.15	40.94
33	23.17	15.34	8.53	30.36	5.22	124.24	22.07	13.37	8.53	29.23	3.48	124.24
34	54.73	44.61	12.62	62.28	21.11	26.05	43.38	28.16	12.96	148.68	17.96	160.35
35	51.92	57.60	19.37	29.60	17.85	4.00	36.15	32.31	12.66	25.68	22.52	94.12
36	71.83	65.81	66.63	69.89	25.20	0.00	75.49	41.23	39.27	77.53	15.22	6.86

37	40.68	11.58	19.55	45.23	19.60	24.49	45.29	20.57	14.74	55.90	15.37	129.88
38	50.13	76.04	10.11	35.10	12.46	26.48	32.36	24.27	3.33	28.19	10.04	28.96
39	53.91	66.30	24.52	40.76	26.05	30.19	33.25	28.21	18.11	34.79	21.41	45.45
40	47.31	37.18	6.34	49.09	26.83	68.82	33.91	20.84	3.91	39.02	9.78	1.88
41	38.73	66.84	21.37	101.03	5.56	0.24	33.03	33.93	32.93	146.78	8.48	84.82
42	79.54	45.13	24.16	98.12	27.46	36.05	41.24	47.40	43.61	72.28	11.15	19.55
43	34.61	37.81	19.88	42.16	47.08	141.89	40.91	35.94	21.81	38.26	25.11	103.47
44	35.12	109.39	25.70	100.48	33.78	39.76	93.40	133.63	22.15	69.73	53.15	57.29
45	40.27	47.90	3.43	49.63	15.81	55.88	39.11	28.41	19.72	55.95	14.37	333.74
46	39.67	62.98	36.97	90.69	30.66	60.69	26.28	76.88	28.17	131.38	12.63	60.71
47	83.15	77.26	165.83	58.32	33.67	72.82	78.74	67.33	165.83	56.02	22.44	72.82
48	73.85	39.21	8.06	38.13	19.52	39.75	53.90	80.60	7.15	41.11	19.48	11.47
49	68.89	83.69	10.58	60.57	23.07	11.68	41.51	53.89	6.52	34.36	17.33	17.65
50	55.82	22.96	16.79	59.16	42.70	10.27	46.59	12.76	11.67	58.56	14.88	3.53
51	110.68	106.61	12.40	128.19	37.92	1.98	55.51	118.83	7.82	72.35	46.67	16.94
52	64.05	23.23	20.11	248.13	31.42	284.02	44.23	27.24	14.52	79.59	23.83	34.59
53	43.39	77.45	20.46	43.73	18.23	1.83	40.15	79.99	14.29	44.69	9.78	19.76
54	61.86	97.24	75.36	56.89	22.81	**3.60**	63.11	44.13	51.77	160.95	25.33	107.54
55	68.21	119.83	30.49	141.76	29.74	36.75	41.25	112.46	21.25	36.50	15.07	58.06
56	77.71	99.35	27.47	90.09	16.11	186.78	115.18	107.84	65.72	61.13	16.93	326.88
57	99.95	114.59	105.07	91.41	30.96	91.32	60.50	63.03	30.64	58.33	11.30	6.71
58	31.65	11.06	37.00	82.25	13.24	202.24	25.69	3.20	48.07	80.88	5.41	97.93
59	45.80	51.51	39.61	49.43	39.56	57.19	43.65	44.89	39.61	47.58	26.37	57.19
60	42.43	96.77	98.22	137.16	17.71	120.41	22.45	41.54	3.06	26.81	5.59	9.88
61	59.65	74.51	32.22	69.78	37.29	25.96	34.08	22.34	193.22	76.91	9.85	28.34

KETERANGAN KODING :

Asupan Gizi	0	Kurang	Rata-rata < 77%
	1	Baik	Rata-rata ≥ 77%

Hasil Pemeriksaan Laboratorium

Kode Responden	HASIL PEMERIKSAAN LABORATORIUM									
	Pre Intervensi					Post Intervensi				
	HB	Eritrossit	MCV	MCH	MCHC	HB	Eritrossit	MCV	MCH	MCHC
1	12.4	4.36	93	28.4	30.4	13.7	4	80.7	32.2	42.50
2	11	3.73	95	29.5	31	13.2	3.5	84.8	37.7	44.50
3	13.1	4.91	90.1	26.7	29.6	23	6.4	84.1	35.9	42.70
4	14.7	4.60	85.4	31.9	37.5	14.3	3.89	82.9	36.7	44.40
5	9.3	3.33	92.6	27.8	30.1	11.8	3.58	74.1	32.9	44.50
6	12.7	4.39	93.4	29	31	13.7	3.82	83.7	35.8	42.90
7	12.7	4.00	85.6	31.7	37.1	13.5	3.85	82.5	35	42.50
8	10.9	3.48	87.9	31.3	35.7	11.4	3.28	83.3	34.7	41.70
9	10.6	4.41	85.8	23.9	27.9	10.8	4.14	89.1	26.1	29.30
10	11.3	4.21	89.3	26.8	30	11.5	4.36	88.4	26.4	29.90
11	12.4	4.42	75.6	28	37.1	12.7	4.22	67.9	30	44.40
12	11.9	4.36	91	27.2	29.9	13.0	3.88	79.8	33.5	42.00
13	8.6	2.98	96.3	28.9	30	9.8	3.5	91.4	27.9	30.50
14	12.1	3.86	98.9	31.3	31.7	14.2	3.87	86.8	36.6	42.30
15	9.4	3.48	90.5	27.1	29.9	11.2	3.87	68.3	28.9	42.40
16	11.4	3.95	80.3	28.8	35.9	15.5	5.07	67.7	30.5	45.10
17	12.1	3.96	84.5	30.5	36.2	15.5	4.36	83.8	35.6	42.50
18	12.5	4.08	83.6	30.6	36.6	13.5	3.81	78.9	35.4	45.00
19	10.9	4.27	86.5	25.4	29.4	12.5	4.14	69.7	30.1	43.40
20	9.4	3.49	95.8	29.7	31	10.4	3.42	96.3	27.9	29.80
21	11.5	3.90	94.4	26.9	31.3	13.7	3.69	83.4	37.1	44.60
22	10.7	3.84	92.5	27.8	30.1	12	3.95	74	36.3	42.00
23	10.3	3.80	89.1	27.1	30.4	13	3.77	77.9	34.4	44.30
24	11.6	4.34	88.4	26.7	30.2	13.1	4.05	77.2	32.3	41.90
25	9.8	3.25	98.4	30.3	30.7	11.1	3.63	96.1	30.7	32.00
26	11.2	3.98	92.2	28.1	30.4	14.4	4.68	72.6	30.7	42.40
27	10.8	3.69	95.5	29.2	30.6	11.2	3.06	85.3	36.6	42.90
28	11.5	3.68	86	31.2	36.3	13	3.99	80.3	32.5	40.60
29	9.4	3.53	88.4	26.6	30.1	12.5	3.91	75.8	31.9	42.20
30	11.6	3.60	88.7	32.2	36.3	13.4	3.72	82.9	36	43.50
31	10.9	3.96	78.9	27.5	34.9	11.1	3.84	67.8	28.9	42.60
32	11.4	3.93	82.2	29	35.2	11.9	3.97	72.8	29.9	41.30
33	12.1	3.98	85.9	30.4	35.4	14.4	3.79	83.1	37.9	44.70
34	11.3	4.46	83.9	24.4	29.1	13.7	3.96	78.1	34.5	44.30
35	11.2	3.80	94.9	29.4	31	14.2	4.12	80.4	34.4	42.90
36	10.7	4.02	90.1	26.7	29.6	13.2	3.77	77.9	35	43.00
37	10.5	3.72	94.2	28.2	30	11.8	3.45	83.8	34.2	40.80
38	11.3	3.91	94.9	28.8	30.3	12	4.2	94	28.6	30.50

39	10	3.36	97.7	29.8	30.5	12.5	2.51	97.1	49.8	51.40
40	10.5	3.74	95.9	28.2	29.4	8.6	2.51	83	34.2	41.20
41	12.9	4.15	84.7	31	36.7	19.5	5.32	84.2	36.6	43.60
42	11.5	3.77	85	30.5	35.9	13.4	3.53	82.4	37.9	46.20
43	11	4.67	79.9	23.5	29.4	12.1	4.05	65.5	29.8	45.60
44	10.6	3.67	96.7	28.9	29.9	10.8	3.63	98.3	29.9	30.40
45	8.5	3.32	90.3	25.5	28.2	12.9	4.3	68.3	30	44.00
46	9.2	3.07	84.1	29.9	35.6	17.6	4.86	83.4	36.2	43.40
47	9.4	3.30	95	28.5	30	13.2	3.69	80.7	35.7	44.40
48	10.8	4.05	87.6	26.6	30.4	13.7	4.42	72	30.9	43.00
49	10.5	3.70	94.4	28.4	30.1	10.9	3.84	93.4	28.4	30.40
50	10.6	3.85	91.5	27.4	30	12.1	4.53	88.6	26.7	30.10
51	11.1	3.88	93.7	28.6	30.5	14.4	4.09	78.6	35.3	45.10
52	9.7	4.02	82.1	24	29.3	11.2	4.19	62.1	26.7	43.00
53	12.3	4.03	83.8	30.5	36.4	13.3	3.8	83.1	35.7	43.10
54	11.2	4.21	89.1	26.5	29.8	13.8	4.3	77.9	32	41.30
55	10.9	3.57	83.2	30.5	36.7	13.1	3.57	82.1	36.6	44.70
56	9.6	3.32	95.6	29	30.3	10.9	3.73	93.6	29.2	31.10
57	12.7	4.23	97.5	30.1	30.9	14.5	4.1	83.4	35.3	42.50
58	9.8	3.67	90.6	26.6	29.3	12	4.01	73.3	29.9	40.90
59	12.8	4.45	92.2	28.8	31.3	10.3	3.19	79.6	32.2	40.70
60	11.9	3.98	84.5	29.8	35.4	23.9	6.34	83	37.6	45.40
61	11.2	4.26	87.7	26.4	30.1	13	3.98	74	32.6	44.20

KETERANGAN KODING :

HB	0	Tidak anemia	HB ≥ 11 gr/dl
	1	Anemia Ringan	HB 9-10.9 gr/dl
	2	Anemia Sedang	Hb 7-8.9 gr/dl
Eritrosit	0	Normal	Sel darah 3.8 - 4.6 juta sel/mm^3
	1	Rendah	Sel darah < 3.8 juta sel/mm^3
	2	Tinggi	Sel darah > 4.6 juta sel/mm^3
MCV	0	Nomositik	MCV 80 dan - 100 fl
	1	Mikrositik	MCV < 80 fl
	2	Makrositik	MCV > 100 fl
MCH	0	Normal	MCH 28 - 34 pg
	1	Rendah	MCH < 28 pg
	2	Tinggi	MCH >34 pg
MCHC	0	Normal	MCHC 32 - 36 %
	1	Hipokromik	MCHC < 32 %
	2	Hiperkromik	MCHC > 36 %

Lamp. 13 Hasil Uji Statistik

A. Karakteristik Partisipan Penelitian

1. Karakteristik Umur

Crosstab

			Umur		
			Risiko Rendah	Risiko Tinggi	Total
Kelompok	Kontrol	Count	25	5	30
		% within Kelompok	83.3%	16.7%	100.0%
		% within Umur	44.6%	100.0%	49.2%
		% of Total	41.0%	8.2%	49.2%
	Intervensi	Count	31	0	31
		% within Kelompok	100.0%	0.0%	100.0%
		% within Umur	55.4%	0.0%	50.8%
		% of Total	50.8%	0.0%	50.8%
Total		Count	56	5	61
		% within Kelompok	91.8%	8.2%	100.0%
		% within Umur	100.0%	100.0%	100.0%
		% of Total	91.8%	8.2%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.628[a]	1	.018		
Continuity Correction[b]	3.631	1	.057		
Likelihood Ratio	7.559	1	.006		
Fisher's Exact Test				.024	.024
Linear-by-Linear Association	5.536	1	.019		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 2.46.
b. Computed only for a 2x2 table

2. Kategori Umur Kehamilan

Crosstab

			Umur_Kehamilan		Total
			Trimester I	Trimester II	
Kelompok	Kontrol	Count	7	23	30
		% within Kelompok	23.3%	76.7%	100.0%
		% within Umur_Kehamilan	41.2%	52.3%	49.2%
		% of Total	11.5%	37.7%	49.2%
	Intervensi	Count	10	21	31
		% within Kelompok	32.3%	67.7%	100.0%
		% within Umur_Kehamilan	58.8%	47.7%	50.8%
		% of Total	16.4%	34.4%	50.8%
Total		Count	17	44	61
		% within Kelompok	27.9%	72.1%	100.0%
		% within Umur_Kehamilan	100.0%	100.0%	100.0%
		% of Total	27.9%	72.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.604[a]	1	.437		
Continuity Correction[b]	.242	1	.623		
Likelihood Ratio	.607	1	.436		
Fisher's Exact Test				.570	.312
Linear-by-Linear Association	.594	1	.441		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.36.
b. Computed only for a 2x2 table

3. Kategori Gravida

Crosstab

			Gravida		Total
			Primi Gravida	Multi Gravida	
Kelompok	Kontrol	Count	9	21	30
		% within Kelompok	30.0%	70.0%	100.0%
		% within Gravida	56.3%	46.7%	49.2%
		% of Total	14.8%	34.4%	49.2%
	Intervensi	Count	7	24	31
		% within Kelompok	22.6%	77.4%	100.0%
		% within Gravida	43.8%	53.3%	50.8%
		% of Total	11.5%	39.3%	50.8%
Total		Count	16	45	61
		% within Kelompok	26.2%	73.8%	100.0%
		% within Gravida	100.0%	100.0%	100.0%
		% of Total	26.2%	73.8%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.434[a]	1	.510		
Continuity Correction[b]	.135	1	.713		
Likelihood Ratio	.434	1	.510		
Fisher's Exact Test				.570	.357
Linear-by-Linear Association	.427	1	.514		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.87.
b. Computed only for a 2x2 table

4. Kategori Jarak Kehamilan

Kelompok * Jarak_Kehamilan Crosstabulation

			Jarak_Kehamilan		
			Risiko Rendah	Risiko Tinggi	Total
Kelompok	Kontrol	Count	28	2	30
		% within Kelompok	93.3%	6.7%	100.0%
		% within Jarak_Kehamilan	51.9%	28.6%	49.2%
	Intervensi	Count	26	5	31
		% within Kelompok	83.9%	16.1%	100.0%
		% within Jarak_Kehamilan	48.1%	71.4%	50.8%
Total		Count	54	7	61
		% within Kelompok	88.5%	11.5%	100.0%
		% within Jarak_Kehamilan	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	1.344[a]	1	.246		
Continuity Correction[b]	.574	1	.449		
Likelihood Ratio	1.386	1	.239		
Fisher's Exact Test				.425	.226
Linear-by-Linear Association	1.322	1	.250		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 3.44.
b. Computed only for a 2x2 table

5. Status Gizi

Kelompok * Status_Gizi Crosstabulation

			Status_Gizi		
			Tidak KEK	KEK	Total
Kelompok	Kontrol	Count	26	4	30
		% within Kelompok	86.7%	13.3%	100.0%
		% within Status_Gizi	53.1%	33.3%	49.2%
	Intervensi	Count	23	8	31
		% within Kelompok	74.2%	25.8%	100.0%
		% within Status_Gizi	46.9%	66.7%	50.8%
Total		Count	49	12	61
		% within Kelompok	80.3%	19.7%	100.0%
		% within Status_Gizi	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	1.501[a]	1	.221		
Continuity Correction[b]	.815	1	.367		
Likelihood Ratio	1.527	1	.217		
Fisher's Exact Test				.335	.184
Linear-by-Linear Association	1.476	1	.224		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.90.
b. Computed only for a 2x2 table

6. Pendidikan

Kelompok * Pendidikan Crosstabulation

			Pendidikan		
			Rendah	Tinggi	Total
Kelompok	Kontrol	Count	14	16	30
		% within Kelompok	46.7%	53.3%	100.0%
		% within Pendidikan	60.9%	42.1%	49.2%
	Intervensi	Count	9	22	31
		% within Kelompok	29.0%	71.0%	100.0%
		% within Pendidikan	39.1%	57.9%	50.8%
Total		Count	23	38	61
		% within Kelompok	37.7%	62.3%	100.0%
		% within Pendidikan	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	2.018[a]	1	.155		
Continuity Correction[b]	1.338	1	.247		
Likelihood Ratio	2.031	1	.154		
Fisher's Exact Test				.192	.124
Linear-by-Linear Association	1.985	1	.159		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.31.
b. Computed only for a 2x2 table

7. Pekerjaan

Kelompok * Pekerjaan Crosstabulation

			Pekerjaan		
			Tidak Bekerja	Bekerja	Total
Kelompok	Kontrol	Count	25	5	30
		% within Kelompok	83.3%	16.7%	100.0%
		% within Pekerjaan	48.1%	55.6%	49.2%
	Intervensi	Count	27	4	31
		% within Kelompok	87.1%	12.9%	100.0%
		% within Pekerjaan	51.9%	44.4%	50.8%
Total		Count	52	9	61
		% within Kelompok	85.2%	14.8%	100.0%
		% within Pekerjaan	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	.172[a]	1	.679		
Continuity Correction[b]	.003	1	.958		
Likelihood Ratio	.172	1	.678		
Fisher's Exact Test				.731	.478
Linear-by-Linear Association	.169	1	.681		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 4.43.
b. Computed only for a 2x2 table

8. Penghasilan

Kelompok * Penghasilan Crosstabulation

			Penghasilan		
			Rendah	Tinggi	Total
Kelompok	Kontrol	Count	19	11	30
		% within Kelompok	63.3%	36.7%	100.0%
		% within Penghasilan	45.2%	57.9%	49.2%
	Intervensi	Count	23	8	31
		% within Kelompok	74.2%	25.8%	100.0%
		% within Penghasilan	54.8%	42.1%	50.8%
Total		Count	42	19	61
		% within Kelompok	68.9%	31.1%	100.0%
		% within Penghasilan	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	.838[a]	1	.360		
Continuity Correction[b]	.409	1	.523		
Likelihood Ratio	.841	1	.359		
Fisher's Exact Test				.416	.262
Linear-by-Linear Association	.825	1	.364		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.34.
b. Computed only for a 2x2 table

B. Karakteristik Asupan Makan Partisipan

1. Energi

Kelompok * Energi_Pre Crosstabulation

			Energi_Pre		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	25	5	30
		% within Kelompok	83.3%	16.7%	100.0%
		% within Energi_Pre	54.3%	33.3%	49.2%
	Intervensi	Count	21	10	31
		% within Kelompok	67.7%	32.3%	100.0%
		% within Energi_Pre	45.7%	66.7%	50.8%
Total		Count	46	15	61
		% within Kelompok	75.4%	24.6%	100.0%
		% within Energi_Pre	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	1.999[a]	1	.157		
Continuity Correction[b]	1.246	1	.264		
Likelihood Ratio	2.031	1	.154		
Fisher's Exact Test				.235	.132
Linear-by-Linear Association	1.966	1	.161		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.38.
b. Computed only for a 2x2 table

Kelompok * Energi_Post Crosstabulation

			Energi_Post		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	27	3	30
		% within Kelompok	90.0%	10.0%	100.0%
		% within Energi_Post	50.9%	37.5%	49.2%
	Intervensi	Count	26	5	31
		% within Kelompok	83.9%	16.1%	100.0%
		% within Energi_Post	49.1%	62.5%	50.8%
Total		Count	53	8	61
		% within Kelompok	86.9%	13.1%	100.0%
		% within Energi_Post	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	.503[a]	1	.478		
Continuity Correction[b]	.109	1	.742		
Likelihood Ratio	.508	1	.476		
Fisher's Exact Test				.707	.372
Linear-by-Linear Association	.494	1	.482		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 3.93.
b. Computed only for a 2x2 table

2. Protein

Kelompok * Protein_Pre Crosstabulation

			Protein_Pre		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	20	10	30
		% within Kelompok	66.7%	33.3%	100.0%
		% within Protein_Pre	64.5%	33.3%	49.2%
	Intervensi	Count	11	20	31
		% within Kelompok	35.5%	64.5%	100.0%
		% within Protein_Pre	35.5%	66.7%	50.8%
Total		Count	31	30	61
		% within Kelompok	50.8%	49.2%	100.0%
		% within Protein_Pre	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	5.931[a]	1	.015		
Continuity Correction[b]	4.749	1	.029		
Likelihood Ratio	6.032	1	.014		
Fisher's Exact Test				.021	.014
Linear-by-Linear Association	5.834	1	.016		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14.75.
b. Computed only for a 2x2 table

Kelompok * Protein_Post Crosstabulation

			Protein_Post		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	23	7	30
		% within Kelompok	76.7%	23.3%	100.0%
		% within Protein_Post	53.5%	38.9%	49.2%
	Intervensi	Count	20	11	31
		% within Kelompok	64.5%	35.5%	100.0%
		% within Protein_Post	46.5%	61.1%	50.8%
Total		Count	43	18	61
		% within Kelompok	70.5%	29.5%	100.0%
		% within Protein_Post	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	1.082[a]	1	.298		
Continuity Correction[b]	.577	1	.448		
Likelihood Ratio	1.089	1	.297		
Fisher's Exact Test				.402	.224
Linear-by-Linear Association	1.064	1	.302		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.85.
b. Computed only for a 2x2 table

3. Lemak

Kelompok * Lemak_Pre Crosstabulation

			Lemak_Pre		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	27	3	30
		% within Kelompok	90.0%	10.0%	100.0%
		% within Lemak_Pre	51.9%	33.3%	49.2%
	Intervensi	Count	25	6	31
		% within Kelompok	80.6%	19.4%	100.0%
		% within Lemak_Pre	48.1%	66.7%	50.8%
Total		Count	52	9	61
		% within Kelompok	85.2%	14.8%	100.0%
		% within Lemak_Pre	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	1.061[a]	1	.303		
Continuity Correction[b]	.447	1	.504		
Likelihood Ratio	1.080	1	.299		
Fisher's Exact Test				.473	.253
Linear-by-Linear Association	1.043	1	.307		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 4.43.

b. Computed only for a 2x2 table

Kelompok * Lemak_Post Crosstabulation

			Lemak_Post		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	28	2	30
		% within Kelompok	93.3%	6.7%	100.0%
		% within Lemak_Post	53.8%	22.2%	49.2%
	Intervensi	Count	24	7	31
		% within Kelompok	77.4%	22.6%	100.0%
		% within Lemak_Post	46.2%	77.8%	50.8%
Total		Count	52	9	61
		% within Kelompok	85.2%	14.8%	100.0%
		% within Lemak_Post	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	3.070[a]	1	.080		
Continuity Correction[b]	1.935	1	.164		
Likelihood Ratio	3.234	1	.072		
Fisher's Exact Test				.147	.081
Linear-by-Linear Association	3.020	1	.082		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 4.43.
b. Computed only for a 2x2 table

4. Karbo hidrat

Kelompok * KH_Pre Crosstabulation

			KH_Pre		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	19	11	30
		% within Kelompok	63.3%	36.7%	100.0%
		% within KH_Pre	54.3%	42.3%	49.2%
	Intervensi	Count	16	15	31
		% within Kelompok	51.6%	48.4%	100.0%
		% within KH_Pre	45.7%	57.7%	50.8%
Total		Count	35	26	61
		% within Kelompok	57.4%	42.6%	100.0%
		% within KH_Pre	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	.856[a]	1	.355		
Continuity Correction[b]	.444	1	.505		
Likelihood Ratio	.859	1	.354		
Fisher's Exact Test				.440	.253
Linear-by-Linear Association	.842	1	.359		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.79.
b. Computed only for a 2x2 table

Kelompok * KH_Post Crosstabulation

			KH_Post		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	23	7	30
		% within Kelompok	76.7%	23.3%	100.0%
		% within KH_Post	47.9%	53.8%	49.2%
	Intervensi	Count	25	6	31
		% within Kelompok	80.6%	19.4%	100.0%
		% within KH_Post	52.1%	46.2%	50.8%
Total		Count	48	13	61
		% within Kelompok	78.7%	21.3%	100.0%
		% within KH_Post	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	.144[a]	1	.704		
Continuity Correction[b]	.004	1	.947		
Likelihood Ratio	.144	1	.704		
Fisher's Exact Test				.762	.473
Linear-by-Linear Association	.142	1	.707		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.39.
b. Computed only for a 2x2 table

4. Iron

Kelompok * Iron_Pre Crosstabulation

			Iron_Pre	
			Kurang	Total
Kelompok	Kontrol	Count	30	30
		% within Kelompok	100.0%	100.0%
		% within Iron_Pre	49.2%	49.2%
	Intervensi	Count	31	31
		% within Kelompok	100.0%	100.0%
		% within Iron_Pre	50.8%	50.8%
Total		Count	61	61
		% within Kelompok	100.0%	100.0%
		% within Iron_Pre	100.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	.[a]
N of Valid Cases	61

a. No statistics are computed because Iron_Pre is a constant.

Kelompok * Iron_Post Crosstabulation

			Iron_Post	
			Kurang	Total
Kelompok	Kontrol	Count	30	30
		% within Kelompok	100.0%	100.0%
		% within Iron_Post	49.2%	49.2%
	Intervensi	Count	31	31
		% within Kelompok	100.0%	100.0%
		% within Iron_Post	50.8%	50.8%
Total		Count	61	61
		% within Kelompok	100.0%	100.0%
		% within Iron_Post	100.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	.[a]
N of Valid Cases	61

a. No statistics are computed because Iron_Post is a constant.

5. Vitamin C

Kelompok * VitC_Pre Crosstabulation

			VitC_Pre		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	22	8	30
		% within Kelompok	73.3%	26.7%	100.0%
		% within VitC_Pre	50.0%	47.1%	49.2%
	Intervensi	Count	22	9	31
		% within Kelompok	71.0%	29.0%	100.0%
		% within VitC_Pre	50.0%	52.9%	50.8%
Total		Count	44	17	61
		% within Kelompok	72.1%	27.9%	100.0%
		% within VitC_Pre	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	.042[a]	1	.837		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.042	1	.837		
Fisher's Exact Test				1.000	.532
Linear-by-Linear Association	.042	1	.838		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.36.
b. Computed only for a 2x2 table

Kelompok * VitC_Post Crosstabulation

			VitC_Post		
			Kurang	Baik	Total
Kelompok	Kontrol	Count	20	10	30
		% within Kelompok	66.7%	33.3%	100.0%
		% within VitC_Post	42.6%	71.4%	49.2%
	Intervensi	Count	27	4	31
		% within Kelompok	87.1%	12.9%	100.0%
		% within VitC_Post	57.4%	28.6%	50.8%
Total		Count	47	14	61
		% within Kelompok	77.0%	23.0%	100.0%
		% within VitC_Post	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	3.599[a]	1	.058		
Continuity Correction[b]	2.536	1	.111		
Likelihood Ratio	3.687	1	.055		
Fisher's Exact Test				.073	.055
Linear-by-Linear Association	3.540	1	.060		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.89.

b. Computed only for a 2x2 table

C. Karakteristik Status Hematologi Partisipan Penelitian (Kategorik)

1. Karakteristik Kadar Hb Pre dan Post Intervensi

Crosstab

			HB_Pre			Total
			Tidak Anemia	Anemia ringan	Anemia sedang	
Kelompok	Kontrol	Count	15	14	1	30
		Expected Count	16.2	12.8	1.0	30.0
		% within HB_Pre	45.5%	53.8%	50.0%	49.2%
	Intervensi	Count	18	12	1	31
		Expected Count	16.8	13.2	1.0	31.0
		% within HB_Pre	54.5%	46.2%	50.0%	50.8%
Total		Count	33	26	2	61
		Expected Count	33.0	26.0	2.0	61.0
		% within HB_Pre	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.410[a]	2	.815
Likelihood Ratio	.411	2	.814
Linear-by-Linear Association	.317	1	.573
N of Valid Cases	61		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is .98.

Crosstab

			HB_Post			Total
			Tidak Anemia	Anemia ringan	Anemia sedang	
Kelompok	Kontrol	Count	25	4	1	30
		Expected Count	26.1	3.4	.5	30.0
		% within HB_Post	47.2%	57.1%	100.0%	49.2%
	Intervensi	Count	28	3	0	31
		Expected Count	26.9	3.6	.5	31.0
		% within HB_Post	52.8%	42.9%	0.0%	50.8%
Total		Count	53	7	1	61
		Expected Count	53.0	7.0	1.0	61.0
		% within HB_Post	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.297[a]	2	.523
Likelihood Ratio	1.683	2	.431
Linear-by-Linear Association	1.008	1	.315
N of Valid Cases	61		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is .49.

2. Karakteristik Eritrosit Pre dan Post Intervensi

Crosstab

			Eritrosit_Pre			Total
			Normal	rendah	tinggi	
Kelompok	Kontrol	Count	17	12	1	30
		Expected Count	17.7	11.3	1.0	30.0
		% within Eritrosit_Pre	47.2%	52.2%	50.0%	49.2%
	Intervensi	Count	19	11	1	31
		Expected Count	18.3	11.7	1.0	31.0
		% within Eritrosit_Pre	52.8%	47.8%	50.0%	50.8%
Total		Count	36	23	2	61
		Expected Count	36.0	23.0	2.0	61.0
		% within Eritrosit_Pre	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.138[a]	2	.933
Likelihood Ratio	.138	2	.933
Linear-by-Linear Association	.107	1	.743
N of Valid Cases	61		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is .98.

Crosstab

			Eritrosit_Post			Total
			Normal	rendah	tinggi	
Kelompok	Kontrol	Count	16	11	3	30
		Expected Count	16.7	10.3	3.0	30.0
		% within Eritrosit_Post	47.1%	52.4%	50.0%	49.2%
	Intervensi	Count	18	10	3	31
		Expected Count	17.3	10.7	3.0	31.0
		% within Eritrosit_Post	52.9%	47.6%	50.0%	50.8%
Total		Count	34	21	6	61
		Expected Count	34.0	21.0	6.0	61.0
		% within Eritrosit_Post	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.149[a]	2	.928
Likelihood Ratio	.149	2	.928
Linear-by-Linear Association	.086	1	.769
N of Valid Cases	61		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.95.

3. Karakteristik Indeks Eritrosit MCV Pre dan Post Intervensi

Crosstab

			MCV_Pre		Total
			Normal	rendah	
Kelompok	Kontrol	Count	29	1	30
		Expected Count	28.5	1.5	30.0
		% within MCV_Pre	50.0%	33.3%	49.2%
	Intervensi	Count	29	2	31
		Expected Count	29.5	1.5	31.0
		% within MCV_Pre	50.0%	66.7%	50.8%
Total		Count	58	3	61
		Expected Count	58.0	3.0	61.0
		% within MCV_Pre	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	.317[a]	1	.573		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.323	1	.570		
Fisher's Exact Test				1.000	.513
Linear-by-Linear Association	.312	1	.577		
N of Valid Cases	61				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.48.
b. Computed only for a 2x2 table

Crosstab

			MCV_Post		
			Normal	rendah	Total
Kelompok	Kontrol	Count	18	12	30
		Expected Count	17.7	12.3	30.0
		% within MCV_Post	50.0%	48.0%	49.2%
	Intervensi	Count	18	13	31
		Expected Count	18.3	12.7	31.0
		% within MCV_Post	50.0%	52.0%	50.8%
Total		Count	36	25	61
		Expected Count	36.0	25.0	61.0
		% within MCV_Post	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	.024[a]	1	.878		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.024	1	.878		
Fisher's Exact Test				1.000	.543
Linear-by-Linear Association	.023	1	.879		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.30.
b. Computed only for a 2x2 table

4. Karakteristik Indeks Eritrosit MCH Pre dan Post Intervensi

Crosstab

			MCH_Pre		
			Normal	rendah	Total
Kelompok	Kontrol	Count	20	10	30
		Expected Count	18.7	11.3	30.0
		% within MCH_Pre	52.6%	43.5%	49.2%
	Intervensi	Count	18	13	31
		Expected Count	19.3	11.7	31.0
		% within MCH_Pre	47.4%	56.5%	50.8%
Total		Count	38	23	61
		Expected Count	38.0	23.0	61.0
		% within MCH_Pre	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	.480[a]	1	.488		
Continuity Correction[b]	.184	1	.668		
Likelihood Ratio	.481	1	.488		
Fisher's Exact Test				.600	.334
Linear-by-Linear Association	.472	1	.492		
N of Valid Cases	61				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.31.
b. Computed only for a 2x2 table

Crosstab

			MCH_Post			Total
			Normal	rendah	tinggi	
Kelompok	Kontrol	Count	12	2	16	30
		Expected Count	12.3	3.0	14.8	30.0
		% within MCH_Post	48.0%	33.3%	53.3%	49.2%
	Intervensi	Count	13	4	14	31
		Expected Count	12.7	3.0	15.2	31.0
		% within MCH_Post	52.0%	66.7%	46.7%	50.8%
Total		Count	25	6	30	61
		Expected Count	25.0	6.0	30.0	61.0
		% within MCH_Post	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.824[a]	2	.662
Likelihood Ratio	.837	2	.658
Linear-by-Linear Association	.171	1	.679
N of Valid Cases	61		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.95.

5. Karakteristik Indeks Eritrosit MCHC Pre dan Post Intervensi

Crosstab

			MCHC_Pre			Total
			Normal	rendah	tinggi	
Kelompok	Kontrol	Count	5	22	3	30
		Expected Count	3.9	21.1	4.9	30.0
		% within MCHC_Pre	62.5%	51.2%	30.0%	49.2%
	Intervensi	Count	3	21	7	31
		Expected Count	4.1	21.9	5.1	31.0
		% within MCHC_Pre	37.5%	48.8%	70.0%	50.8%
Total		Count	8	43	10	61
		Expected Count	8.0	43.0	10.0	61.0
		% within MCHC_Pre	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.107[a]	2	.349
Likelihood Ratio	2.158	2	.340
Linear-by-Linear Association	1.953	1	.162
N of Valid Cases	61		

a. 3 cells (50.0%) have expected count less than 5. The minimum expected count is 3.93.

Crosstab

			MCHC_Post		Total
			rendah	tinggi	
Kelompok	Kontrol	Count	5	25	30
		Expected Count	4.9	25.1	30.0
		% within MCHC_Post	50.0%	49.0%	49.2%
	Intervensi	Count	5	26	31
		Expected Count	5.1	25.9	31.0
		% within MCHC_Post	50.0%	51.0%	50.8%
Total		Count	10	51	61
		Expected Count	10.0	51.0	61.0
		% within MCHC_Post	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	.003[a]	1	.955		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.003	1	.955		
Fisher's Exact Test				1.000	.613
Linear-by-Linear Association	.003	1	.955		
N of Valid Cases	61				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.92.

b. Computed only for a 2x2 table

D. Karakteristik Hematologi Partisipan Penelitian (Rasio)

1. Kelompok Intervensi

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
HB Pre	31	8.60	14.70	11.2484	1.30967
Eritrossit Pre	31	2.98	4.91	3.9303	.43354
MCV Pre	31	75.60	98.90	89.4806	5.55490
MCH Pre	31	23.90	32.20	28.6484	2.05894
MCHC Pre	31	27.90	37.50	32.2355	2.99316
HB Post	31	9.80	23.00	13.0226	2.33191
Eritrossit Post	31	3.06	6.40	3.9758	.59624
MCV Post	31	67.70	96.30	80.5645	7.81663
MCH Post	31	26.10	37.70	32.8129	3.40996
MCHC Post	31	29.30	45.10	41.0097	4.90920
HB Selisih	31	-.40	9.90	1.7742	1.84354
Eritrossit Selisih	31	-.71	1.49	.0455	.48414
MCV Selisih	31	-22.20	3.30	-8.9161	6.29016
MCH Selisih	31	-1.80	10.20	4.1645	3.01944
MCHC Selisih	31	-1.20	14.40	8.7742	4.69006
Valid N (listwise)	31				

2. Kelompok Kontrol

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
HB Pre	30	8.50	12.90	10.9067	1.07091
Eritrossit Pre	30	3.07	4.67	3.8697	.37215
MCV Pre	30	79.90	97.70	89.6300	5.40665
MCH Pre	30	23.50	31.00	28.1967	2.03410
MCHC Pre	30	28.20	36.70	31.5567	2.75364
HB Post	30	8.60	23.90	13.2967	2.87216
Eritrossit Post	30	2.51	6.34	3.9917	.71872
MCV Post	30	62.10	98.30	81.2567	8.70290
MCH Post	30	26.70	49.80	33.4567	4.57201
MCHC Post	30	30.10	51.40	41.4400	5.39071
HB Selisih	30	-2.50	12.00	2.3900	2.75322
Eritrossit Selisih	30	-1.26	2.36	.1220	.76150
MCV Selisih	30	-22.00	1.60	-8.3733	7.01210
MCH Selisih	30	-.70	20.00	5.2600	3.93057
MCHC Selisih	30	.10	20.90	9.8833	5.35061
Valid N (listwise)	30				

E. Uji Stratafikasi Variabel Confounding : Umur

Umur Terhadap HB

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			2.333
ln(Estimate)			.847
Std. Error of ln(Estimate)			.787
Asymp. Sig. (2-sided)			.282
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.499
		Upper Bound	10.907
	ln(Common Odds Ratio)	Lower Bound	-.695
		Upper Bound	2.389

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Umur Terhadap Eritrosit

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			1.278
ln(Estimate)			.245
Std. Error of ln(Estimate)			.541
Asymp. Sig. (2-sided)			.650
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.443
		Upper Bound	3.691
	ln(Common Odds Ratio)	Lower Bound	-.815
		Upper Bound	1.306

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Umur Terhadap MCV

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			.779
ln(Estimate)			-.250
Std. Error of ln(Estimate)			.553
Asymp. Sig. (2-sided)			.651
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.263
		Upper Bound	2.303
	ln(Common Odds Ratio)	Lower Bound	-1.334
		Upper Bound	.834

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Umur Terhadap MCH

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			.919
ln(Estimate)			-.084
Std. Error of ln(Estimate)			.543
Asymp. Sig. (2-sided)			.877
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.317
		Upper Bound	2.664
	ln(Common Odds Ratio)	Lower Bound	-1.148
		Upper Bound	.980

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Umur Terhadap MCHC

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			.[a]
ln(Estimate)			.
Std. Error of ln(Estimate)			.
Asymp. Sig. (2-sided)			.
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.
		Upper Bound	.
	ln(Common Odds Ratio)	Lower Bound	.
		Upper Bound	.

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

a. Every stratum is such that the first group's second response outcome is 0 or the second group's first response outcome is 0.

F. Uji Stratafikasi Variabel Confounding Asupan Protein

1. Terhadap HB

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			2.335
ln(Estimate)			.848
Std. Error of ln(Estimate)			.802
Asymp. Sig. (2-sided)			.290
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.485
		Upper Bound	11.235
	ln(Common Odds Ratio)	Lower Bound	-.723
		Upper Bound	2.419

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

2. Terhadap Eritrosit

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			1.098
ln(Estimate)			.093
Std. Error of ln(Estimate)			.538
Asymp. Sig. (2-sided)			.862
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.383
		Upper Bound	3.151
	ln(Common Odds Ratio)	Lower Bound	-.961
		Upper Bound	1.148

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

3. Terhadap MCV

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			.979
ln(Estimate)			-.021
Std. Error of ln(Estimate)			.531
Asymp. Sig. (2-sided)			.968
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.345
		Upper Bound	2.774
	ln(Common Odds Ratio)	Lower Bound	-1.063
		Upper Bound	1.020

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

4. Terhadap MCH

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			1.023
ln(Estimate)			.023
Std. Error of ln(Estimate)			.550
Asymp. Sig. (2-sided)			.967
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.348
		Upper Bound	3.004
	ln(Common Odds Ratio)	Lower Bound	-1.054
		Upper Bound	1.100

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

5. Terhadap MCHC

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			.590
ln(Estimate)			-.527
Std. Error of ln(Estimate)			.838
Asymp. Sig. (2-sided)			.529
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	.114
		Upper Bound	3.049
	ln(Common Odds Ratio)	Lower Bound	-2.169
		Upper Bound	1.115

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

G. Uji Normalitas Data Laboratorium

1. Kelompok Intervensi

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HB_PRE	.084	31	.200*	.975	31	.675
HB_POST	.192	31	.005	.769	31	.000
ERIT_PRE	.086	31	.200*	.988	31	.970
ERIT_POST	.198	31	.003	.785	31	.000
MCV_PRE	.075	31	.200*	.975	31	.673
MCV_POST	.114	31	.200*	.959	31	.274
MCH_PRE	.095	31	.200*	.966	31	.419
MCH_POST	.131	31	.190	.936	31	.064
MCHC_PRE	.273	31	.000	.805	31	.000
MCHC_POST	.131	31	.190	.936	31	.064
SELISIH_HB	.183	31	.010	.724	31	.000
SELISIH_ERIT	.118	31	.200*	.929	31	.042
SELISIH_MCV	.118	31	.200*	.973	31	.606
SELISIH_MCH	.087	31	.200*	.987	31	.963
SELISIH_MCHC	.089	31	.200*	.963	31	.357

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

2. Kelompok Kontrol

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HB_PRE	.119	30	.200*	.978	30	.771
HB_POST	.238	30	.000	.808	30	.000
ERIT_PRE	.096	30	.200*	.983	30	.897
ERIT_POST	.167	30	.032	.896	30	.007
MCV_PRE	.141	30	.133	.931	30	.051
MCV_POST	.168	30	.031	.962	30	.349
MCH_PRE	.167	30	.032	.923	30	.032
MCH_POST	.132	30	.191	.881	30	.003
MCHC_PRE	.283	30	.000	.772	30	.000
MCHC_POST	.132	30	.191	.881	30	.003
SELISIH_HB	.212	30	.001	.835	30	.000
SELISIH_ERIT	.186	30	.010	.926	30	.039
SELISIH_MCV	.216	30	.001	.892	30	.005
SELISIH_MCH	.159	30	.051	.849	30	.001
SELISIH_MCHC	.155	30	.065	.815	30	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

H. Uji Beda Parameter Hematologi Pre dan Post Intervensi

1. Kelompok Intervensi

a. Kadar Hb

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
HB Post - HB Pre	Negative Ranks	1[a]	5.50	5.50
	Positive Ranks	30[b]	16.35	490.50
	Ties	0[c]		
	Total	31		

a. HB Post < HB Pre
b. HB Post > HB Pre
c. HB Post = HB Pre

Test Statistics[a]

	HB Post - HB Pre
Z	-4.754[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

b. Jumlah Eritrosit

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
ERIT_POST - ERIT_PRE	Negative Ranks	17[a]	14.41	245.00
	Positive Ranks	14[b]	17.93	251.00
	Ties	0[c]		
	Total	31		

a. ERIT_POST < ERIT_PRE
b. ERIT_POST > ERIT_PRE
c. ERIT_POST = ERIT_PRE

Test Statistics[a]

	ERIT_POST - ERIT_PRE
Z	-.059[b]
Asymp. Sig. (2-tailed)	.953

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

c. Indeks Eritrosit MCV

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	MCV Post	80.5645	31	7.81663	1.40391
	MCV Pre	89.4806	31	5.55490	.99769

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	MCV Post & MCV Pre	31	.603	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	Upper			
Pair 1	MCV Post - MCV Pre	-8.91613	6.29016	1.12975	-11.22338	-6.60888	-7.892	30	.000

d. Indeks Eritrosit MCH

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	MCH Post	32.8129	31	3.40996	.61245
	MCH Pre	28.6484	31	2.05894	.36980

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	MCH Post & MCH Pre	31	.481	.006

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	Upper			
Pair 1	MCH Post - MCH Pre	4.16452	3.01944	.54231	3.05698	5.27206	7.679	30	.000

e. Indeks Eritrosit MCHC

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
MCHC Post - MCHC Pre	Negative Ranks	2[a]	2.00	4.00
	Positive Ranks	29[b]	16.97	492.00
	Ties	0[c]		
	Total	31		

a. MCHC Post < MCHC Pre
b. MCHC Post > MCHC Pre
c. MCHC Post = MCHC Pre

Test Statistics[a]

	MCHC Post - MCHC Pre
Z	-4.782[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

2. Kelompok Kontrol

a. Kadar Hb

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
HB Post - HB Pre	Negative Ranks	2[a]	16.75	33.50
	Positive Ranks	28[b]	15.41	431.50
	Ties	0[c]		
	Total	30		

a. HB Post < HB Pre
b. HB Post > HB Pre
c. HB Post = HB Pre

Test Statistics[a]

	HB Post - HB Pre
Z	-4.094[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

b. Jumlah Eritrosit

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Eritrossit Post - Eritrossit Pre	Negative Ranks	13[a]	14.19	184.50
	Positive Ranks	16[b]	15.66	250.50
	Ties	1[c]		
	Total	30		

a. Eritrossit Post < Eritrossit Pre
b. Eritrossit Post > Eritrossit Pre
c. Eritrossit Post = Eritrossit Pre

Test Statistics[a]

	Eritrossit Post - Eritrossit Pre
Z	-.714[b]
Asymp. Sig. (2-tailed)	.475

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

c. Indek Eritrosit MCV

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	MCV_PRE	89.6300	30	5.40665	.98711
	MCV_POST	81.2567	30	8.70290	1.58892

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	MCV_PRE & MCV_POST	30	.593	.001

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	Upper			
Pair 1 MCV_PRE - MCV_POST	8.37333	7.01210	1.28023	5.75497	10.99170	6.540	29	.000

d. Indek Eritrosit MCH

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
MCH_POST - MCH_PRE	Negative Ranks	2[a]	2.25	4.50
	Positive Ranks	27[b]	15.94	430.50
	Ties	1[c]		
	Total	30		

a. MCH_POST < MCH_PRE
b. MCH_POST > MCH_PRE
c. MCH_POST = MCH_PRE

Test Statistics[a]

	MCH_POST - MCH_PRE
Z	-4.606[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

e. Indek Eritrosit MCHC

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
MCHC_POST - MCHC_PRE	Negative Ranks	9[a]	11.33	102.00
	Positive Ranks	20[b]	16.65	333.00
	Ties	1[c]		
	Total	30		

a. MCHC_POST < MCHC_PRE
b. MCHC_POST > MCHC_PRE
c. MCHC_POST = MCHC_PRE

Test Statistics[a]

	MCHC_POST - MCHC_PRE
Z	-2.498[b]
Asymp. Sig. (2-tailed)	.012

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

I. Uji Beda Selisih Hasil Penelitian

1. Selisih Kadar Hb

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
HB Selisih	Kontrol	30	34.32	1029.50
	Intervensi	31	27.79	861.50
	Total	61		

Test Statistics[a]

	HB Selisih
Mann-Whitney U	365.500
Wilcoxon W	861.500
Z	-1.437
Asymp. Sig. (2-tailed)	.151

a. Grouping Variable: Kelompok

2. Selisih Jumlah Eritrosit

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
Eritrossit Selisih	Kontrol	30	31.88	956.50
	Intervensi	31	30.15	934.50
	Total	61		

Test Statistics[a]

	Eritrossit Selisih
Mann-Whitney U	438.500
Wilcoxon W	934.500
Z	-.382
Asymp. Sig. (2-tailed)	.702

a. Grouping Variable: Kelompok

3. Indeks Eritrosit MCV

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
MCV Selisih	Kontrol	30	31.40	942.00
	Intervensi	31	30.61	949.00
	Total	61		

Test Statistics[a]

	MCV Selisih
Mann-Whitney U	453.000
Wilcoxon W	949.000
Z	-.173
Asymp. Sig. (2-tailed)	.863

a. Grouping Variable: Kelompok

4. Indeks Eritrosit MCH

Mann-Whitney Test

Ranks

	KELOMPOK	N	Mean Rank	Sum of Ranks
SELISIH_MCH	MMS	30	33.63	1009.00
	MRJ	31	28.45	882.00
	Total	61		

Test Statistics[a]

	SELISIH_MCH
Mann-Whitney U	386.000
Wilcoxon W	882.000
Z	-1.140
Asymp. Sig. (2-tailed)	.254

a. Grouping Variable: KELOMPOK

5. Indeks Eritrosit MCHC

Mann-Whitney Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
MCHC Selisih	Kontrol	30	32.78	983.50
	Intervensi	31	29.27	907.50
	Total	61		

Test Statistics[a]

	MCHC Selisih
Mann-Whitney U	411.500
Wilcoxon W	907.500
Z	-.772
Asymp. Sig. (2-tailed)	.440

a. Grouping Variable: Kelompok

Lamp. 14 Dokumentasi Penelitian

3. Pengambilan sampel darah dan pemeriksaan Laboratorium

4. Pemantauan dan KIE

Gambar ini telah mendapat izin untuk ditampilkan, Sumber: Koleksi pribadi

Lamp. 15 Surat Keterangan Status Papper

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
SEKOLAH PASCASARJANA
Sekretariat lantai 3 Jl. Perintis Kemerdekaan KM. 10 Makassar, 90245

SURAT KETERANGAN JURNAL
Nomor: 3848/UN4.20/PJ.00.01/2024

Yang bertanda tangan di bawah ini menerangkan bahwa:

Nama	: Baiq Dwinta Diah Larasanty
NIM	: P012221010
Program Studi	: Ilmu Kebidanan
Judul Jurnal	: Enchancement of Hemoglobin, Erythrocyt Count and Indices in Pregnant Woman Using Moringa Oleifera Leaf Extract Enriched with Royal Jelly

Naskah tersebut telah disubmit pada **Nutrition and Food Science (ISSN: 0034-6659)** dengan status **Under Review** yang terindex **Scopus Q3** dan mempunyai **Impact factor (IF) 0.29**

Makassar, 21 Mei 2024

a.n Dekan,
Wakil Dekan Bidang Akademik,
Dan Kemahasiswaan

Prof. Baharuddin Hamzah S.T., M. Arch., P.hD.
NIP. 19690308 199512 1 001