

DAFTAR PUSTAKA

- Acharya, P., & Khanal, V. (2015). The effect of mother's educational status on early initiation of breastfeeding: Further analysis of three consecutive Nepal Demographic and Health Surveys Global health. *BMC Public Health*, *15*(1). <https://doi.org/10.1186/s12889-015-2405-y>
- Arsic, A., Stojanovic, A., & Mikic, M. (2017). Oleic Acid-Health Benefits and Status In Plasma Phospholipids in The Serbian Population. *Serbian Journal of Experimental and Clinical Research*, 1–6. <https://doi.org/10.1515/SJECR>
- Asmi, A. D., Citrakesumasari, R. I., Sirajuddin, S., & Nurudji Astuti Daud, W. (2021). Fat Intake With Oleic Acid Levels In Breastfeeding Mother's Milk (6 Months-24 Months) In The Work Area Of Sudiang And Sudiang Raya Public Health Centers Makassar City. *NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal| NVEO*, *8*(6), 3606–3614.
- Aumeistere, L., Ciproviča, I., Zavadskā, D., Andersons, J., Volkovs, V., & Ceļmalniece, K. (2019). Impact of maternal diet on human milk composition among lactating women in Latvia. *Medicina (Lithuania)*, *55*(5), 1–12. <https://doi.org/10.3390/medicina55050173>
- Ballard, O., & Morrow, A. L. (2013). Human milk composition: nutrients and bioactive factors. *Pediatric Clinics*, *60*(1), 49–74.
- BPS. (2017). *National Socio Economic Survey 2017*.
- Bravi, F., Maso, M. Di, Eussen, S. R. B. M., Agostoni, C., Salvatori, G., Profeti, C., Tonetto, P., Quitadamo, P. A., Kazmierska, I., Vacca, E., Decarli, A., Stahl, B., Bertino, E., Moro, G. E., & Ferraroni, M. (2021). Dietary Patterns of Breastfeeding Mothers and Human Milk Composition: Data from the Italian MEDIDIET Study. *Nutrients*, 1–13.
- Butts, C. A., Hedderley, D. I., Herath, T. D., Paturi, G., Glyn-Jones, S., Wiens, F., Stahl, B., & Gopal, P. (2018). Human milk composition and dietary intakes of breastfeeding women of different ethnicity from the manawatu-wanganui region of New Zealand. *Nutrients*, *10*(9), 1–16. <https://doi.org/10.3390/nu10091231>
- Chow, C. K. (2007). *Fatty acids in foods and their health implications*. CRC press.
- Citrakesumasari, & Kurniati, Y. (2022). Alpha-Lactalbumin Levels in Breastmilk of Breastfeeding Mothers in Makassar City, Indonesia. *Biomedical and Pharmacology Journal*, *15*(4), 2317–2322. <https://doi.org/10.13005/bpj/2570>
- Fikawati, S., & Syafiq, A. (2015). Maternal Nutritional Status and Breast Milk Insufficiency Perception. *Jurnal Kesehatan Masyarakat*, *6*(6), 126. <https://doi.org/10.20961/placentum.v10i2.59999>
- Francois, C. A., Connor, S. L., Wander, R. C., & Connor, W. E. (2018). *Acute*

effects of dietary fatty acids on the fatty acids of human. April, 301–308.

- Gaforio, J. J., Visioli, F., Alarcón-De-la-lastra, C., Castañer, O., Delgado-Rodríguez, M., Fitó, M., Hernández, A. F., Huertas, J. R., Martínez-González, M. A., Menendez, J. A., de la Osada, J., Papadaki, A., Parrón, T., Pereira, J. E., Rosillo, M. A., Sánchez-Quesada, C., Schwingshackl, L., Toledo, E., & Tsatsakis, A. M. (2019). Virgin olive oil and health: Summary of the iii international conference on virgin olive oil and health consensus report, JAEN (Spain) 2018. *Nutrients*, 11(9), 1–33. <https://doi.org/10.3390/nu11092039>
- Ghanbari, R., Anwar, F., Alkharfy, K. M., Gilani, A. H., & Saari, N. (2012). Valuable nutrients and functional bioactives in different parts of olive (*Olea europaea* L.)-A review. In *International Journal of Molecular Sciences* (Vol. 13, Issue 3). <https://doi.org/10.3390/ijms13033291>
- Haileslassie, K., Mulugeta, A., & Girma, M. (2013). Feeding practices, nutritional status and associated factors of lactating women in Samre Woreda, South Eastern Zone of Tigray, Ethiopia. *Nutrition Journal*, 12, 1–11. <https://doi.org/10.1186/1475-2891-12-28>
- Hasan, S. N., Singh, D., Siddiqui, S. S., Kulshreshtha, M., & Aggarwal, T. (2013). Original Article Effects of Olive Oil on Lipid Profile in. *National Journal of Medical Research*, 3(4), 312–314.
- I.M. Almoselhy, R. (2021). Extra Virgin Olive Oil as Nutritional Therapeutic Immuno-Enhancer. *International Journal of Food Science, Nutrition Health and Family Studies*, 2(2), 26–45. <https://doi.org/10.21608/ijfsnh.2021.208320>
- Indriyani, D., & Azza, A. (2018). PKM Kelompok Ibu Menyusui dalam Peningkatan Keterampilan Olah Pangan sebagai Penunjang Kualitas ASI. 3(2), 111–117.
- Innis, S. M. (2014). Impact of maternal diet on human milk composition and neurological development of infants. *The American Journal of Clinical Nutrition*, 99(3), 734S-741S.
- Kemenkes RI. (2012). *Peraturan Pemerintah Republik Indonesia No. 33 Tahun 2012 Tentang Pemberian Air Susu Ibu Eksklusif*. 1–42.
- Kemenkes RI. (2013). *Analisis Riset Kesehatan Dasar Tahun 2013*. 38(2), 91–104. <http://ejournal.persagi.org/go/>
- Kemenkes RI. (2018). *Laporan Nasional RISKESDAS 2018* (pp. 1–674).
- Kemenkes RI AKG. (2019). *Peraturan Menteri Kesehatan Republik Indonesia Nomor 28 Tahun 2019 Tentang Angka Kecukupan Gizi yang Dianjurkan untuk Masyarakat Indonesia*.
- Ketaren, B. (2008). *Pemanfaatan limbah bulu ayam sebagai sumber protein ayam pedaging dalam pengelolaan lingkungan hidup*. Universitas Sumatera

Utara.

- Kim, H., Kang, S., Jung, B. M., Yi, H., Jung, J. A., & Chang, N. (2017). Breast milk fatty acid composition and fatty acid intake of lactating mothers in South Korea. *British Journal of Nutrition*, 117(4), 556–561. <https://doi.org/10.1017/S0007114517000253>
- Krešić, G., Dujmović, M., Mandić, M. L., & Delaš, I. (2013). Relationship between Mediterranean diet and breast milk fatty acid profile: a study in breastfeeding women in Croatia. *Dairy Science & Technology*, 93(3), 287–301. <https://doi.org/10.1007/s13594-013-0125-6>
- Lopez, S., Bermudez, B., Montserrat-de la Paz, S., Jaramillo, S., Abia, R., & JG Muriana, F. (2016). Virgin olive oil and hypertension. *Current Vascular Pharmacology*, 14(4), 323–329.
- Made, A. (2015). *Fakta dan Manfaat Minyak Zaitun*.
- Medina, R. A., & Owen, G. I. (2002). Glucose transporters: expression, regulation and cancer. *Biological Research*, 35(1), 9–26.
- Moosavy, M. H., Hassanzadeh, P., Mohammadzadeh, E., Mahmoudi, R., Khatibi, S. A., & Mardani, K. (2017). Antioxidant and antimicrobial activities of essential oil of Lemon (*Citrus limon*) peel in vitro and in a food model. *Journal of Food Quality and Hazards Control*, 4(2), 42–48.
- Mora, E., Emrizal, & Selpas, N. (2013). Isolasi dan Karakterisasi Asam Oleat dari Kulit Buah Kelapa Sawit (*Elaeis guineensis* Jacq.). *Jurnal Penelitian Farmasi Indonesia*, 1(2), 47–51.
- Muhrifan, A., Citrakesumasari, C., Djide, N., Sirajuddin, S., Djafar, N., & Naim, F. (2020). Differences of Oleic Acid Levels in Breast Milk of Lactating Mothers with Chronic Energy Deficiency (CED) and Normal Status. *Journal of Scientific Research in Medical and Biological Sciences*, 1(2), 161–170. <https://doi.org/10.47631/jsrmb.v1i2.142>
- Nabila, T. R. A., Ilmi, I. M. B., & Wibowo, A. T. (2022). Edisi “edukasi gizi busui” pada ibu menyusui di cisalak pasar kota depok. *Senapenmas*, 1–10.
- Ngadiarti, I., Soekatri, M. Y. E., Srimati, M., Fayasari, A., & Agestika, L. (2021). Pengaruh Konseling Pada Pengetahuan Dan Asupan Ibu Di Wilayah Kerja Puskesmas Kebayoran Baru Jakarta. *Gizi Indonesia*, 44(1), 87–96. <https://doi.org/10.36457/gizindo.v44i1.562>
- Paramashanti, B. A. (2019). *Gizi Bagi Ibu dan Anak untuk Mahasiswa Kesehatan dan Kalangan Umum* (Tahun Terb). Pustaka Baru Press.
- Pratiwi, R., Kosim, M. S., & Wijayahadi, N. (2015). Prognostic factors for success in the Kangaroo Mother Care method for low birth weight babies. *Paediatrica Indonesiana*, 55(3), 142. <https://doi.org/10.14238/pi55.3.2015.142-6>

- Putri, R. K. (2017). *Pengaruh Kombinasi Minyak Zaitun Ekstra Virgin dan Madu Kelengkeng Terhadap Kadar Trigliserida Tikus Putih Jantan Strain Wistar Hiperlipidemia*. (Vol. 16, Issue 22).
- Quinn, E. A., Largado, F. E., Power, M., & Kuzawa, C. W. (2012). Predictors of breast milk macronutrient composition in Filipino mothers. *American Journal of Human Biology*, 24(4), 533–540.
- Rahma, A., & Nuradhiani, A. (2019). Peningkatan Pengatahuan tentang Pemberian ASI Eksklusif dan Pendampingan Balita Gizi Buruk dan Stunting di Gresik, Jawa Timur. *Ghidza Media Journal*, 1(1), 63–71.
- Rodríguez-López, P., Lozano-Sanchez, J., Borrás-Linares, I., Emanuelli, T., Menéndez, J. A., & Segura-Carretero, A. (2020). Structure–biological activity relationships of extra-virgin olive oil phenolic compounds: Health properties and bioavailability. *Antioxidants*, 9(8), 1–17. <https://doi.org/10.3390/antiox9080685>
- Ruspita, R., Rahmi, R., & Aifa, W. E. (2022). Peningkatan pengetahuan tentang gizi seimbang pada ibu menyusui. *Jurnal Pengabdian Masyarakat Berkemajuan*, 6(September), 1194–1197.
- Salamon, S., & Csapó, J. (2009). Composition of the mother's milk II. Fat contents, fatty acid composition. A review. *Acta Univ. Sapientiae, Alimentaria*, 2, 196–234.
- Sales-Campos, H., Reis de Souza, P., Crema Peghini, B., Santana da Silva, J., & Ribeiro Cardoso, C. (2013). An overview of the modulatory effects of oleic acid in health and disease. *Mini Reviews in Medicinal Chemistry*, 13(2), 201–210.
- Sánchez-Hernández, S., Esteban-Muñoz, A., Giménez-Martínez, R., Aguilar-Cordero, M. J., Miralles-Buraglia, B., & Olalla-Herrera, M. (2019). A comparison of changes in the fatty acid profile of human milk of Spanish lactating women during the first month of lactation using gas chromatography-mass spectrometry. A comparison with infant formulas. *Nutrients*, 11(12). <https://doi.org/10.3390/nu1123055>
- Sánchez-Rabaneda, F., Jáuregui, O., Lamuela-Raventós, R. M., Viladomat, F., Bastida, J., & Codina, C. (2004). Qualitative analysis of phenolic compounds in apple pomace using liquid chromatography coupled to mass spectrometry in tandem mode. *Rapid Communications in Mass Spectrometry*, 18(5), 553–563.
- Saphier, O., Blumenfeld, J., Silberstein, T., Tzor, T., & Burg, A. (2013). Fatty acid composition of breastmilk of Israeli mothers. *Indian Pediatrics*, 50(11), 1044–1046. <https://doi.org/10.1007/s13312-013-0277-8>
- SDKI. (2017). Survei Demografi dan Kesehatan Indonesia 2017. *Sdki*, 16. <https://doi.org/10.1111/j.1471-0528.2007.01580.x>

- Soliman, H., Khalil, F., & Antonia, S. (2014). PD-L1 expression is increased in a subset of basal type breast cancer cells. *PloS One*, *9*(2), e88557.
- Stipanuk, M. H., & Caudill, M. A. (2018). *Biochemical, physiological, and molecular aspects of human nutrition-E-book*. Elsevier health sciences.
- Tabasso, C., Mallardi, D., Corti, Y., Perrone, M., Piemontese, P., Liotto, N., Menis, C., Roggero, P., & Mosca, F. (2021). Adherence to the Mediterranean diet and body composition of breast-feeding mothers: the potential role of unsaturated fatty acids. *Journal of Nutritional Science*, *10*, e63. <https://doi.org/10.1017/jns.2021.60>
- Tian, H. M., Wu, Y. X., Lin, Y. Q., Chen, X. Y., Yu, M., Lu, T., & Xie, L. (2019). Dietary patterns affect maternal macronutrient intake levels and the fatty acid profile of breast milk in lactating Chinese mothers. *Nutrition*, *58*, 83–88. <https://doi.org/10.1016/j.nut.2018.06.009>
- Unicef, V. V., Classico, L., so Garibaldi, C., Sauro, V. N., & Danzi, P. (2019). *LINEE BIS*.
- Wani, F. A., Albahrawy, A. Z., & Rahiman, S. (2015). Hypolipidemic Activity of Olive Oil (*Olea europaea*) against High Fat Diet-Induced Nonalcoholic Fatty Liver Disease (NAFLD) in Mice. *Open Journal of Pathology*, *05*(03), 73–83. <https://doi.org/10.4236/ojpathology.2015.53011>
- Wardana, R. K., Widyastuti, N., & Pramono, A. (2018). Hubungan Asupan Zat Gizi Makro dan Status Gizi Ibu Menyusui dengan Kandungan Zat Gizi Makro pada Air Susu Ibu (ASI) di Kelurahan Bandarharjo Semarang. *Journal of Nutrition College*, *7*(3), 107. <https://doi.org/10.14710/jnc.v7i3.22269>
- WHO. (2017). World Breastfeeding Week. *British Journal of Midwifery*, *25*(9), 610. <https://doi.org/10.12968/bjom.2017.25.9.610>
- WHO. (2021). Levels and trends in child malnutrition UNICEF / WHO / World Bank Group Joint Child Malnutrition Estimates Key findings of the 2021 edition. *World Health Organization*, 1–32. <https://www.who.int/publications/i/item/9789240025257>

LAMPIRAN

Lampiran 1: Infomed Consent

INFORMED CONSENT

(PERSETUJUAN SETELAH PENJELASAN)

Yang bertanda tangan dibawah ini:

Nama :
Tanggal lahir/umur :
Alamat :
No. Hp :

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai apa yang dilakukan pada penelitian dengan judul **“Pengaruh Pemberian Extra Virgin Olive Oil (EVOO) Terhadap Kadar Asam oleatASI Ibu Menyusui (0-6 Bulan) Di Wilayah Kerja Puskesmas Sudiang Raya dan Puskesmas Tamalanrea Kota Makassar”** maka saya bersedia berpartisipasi dalam penelitian ini. Saya mengerti bahwa pada penelitian ini ada beberapa pertanyaan-pertanyaan yang harus saya jawab, dan sebagai responden maka saya akan menjawab pertanyaan yang diajukan dengan jujur.

Saya menjadi informan bukan karena adanya paksaan dari pihak lain, tetapi karena keinginan saya sendiri dan tidak ada biaya yang akan ditanggungkan kepada saya sesuai dengan penjelasan yang sudah dijelaskan oleh peneliti.

Saya percaya bahwa keamanan dan kerahasiaan data yang diperoleh dari saya sebagai informan akan terjamin dan saya dengan ini 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.

Makassar,2023

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Lampiran 2: Kuesioner

KUISIONER IDENTITAS RESPONDEN

I. DATA LOKASI		
Kecamatan	:	
Kelurahan	:	
Alamat	:	
Hp	:	
II. KETERANGAN PEWAWANCARA		
Nama Pewawancara	:	
Tanggal Wawancara	:	<input type="text"/> / <input type="text"/> / <input type="text"/>
III. DATA RUMAH TANGGA		
Nama Responden	:	
Tanggal Lahir Responden	:	<input type="text"/> / <input type="text"/> / <input type="text"/>
Usia Responden	:	Tahun
Nama Bayi	:	
Tanggal Lahir Bayi	:	<input type="text"/> / <input type="text"/> / <input type="text"/>
Jenis Kelamin	:	1. Laki-laki 2. Perempuan
Jumlah Anggota Keluarga yang Menetap dalam rumah	:	Orang
Jumlah Anak	:	Orang
Anak Ke-	:	
Pendidikan		
1. Ibu	01. Tamat SD 02. Tamat SMP	1 <input type="text"/>
2. Bapak	03. SMA 04. Diploma 05. Perguruan Tinggi	2 <input type="text"/>

Jenis Pekerjaan 1. Ibu 2. Bapak	01. Tidak Bekerja 02. Petani 03. Pedagang/ Wiraswasta 04. Buruh 05. PNS 06. Karyawan/i Swasta 07. Nelayan 08. IRT 09. Lainnya , Sebutkan.....	1 <input type="text"/> <input type="text"/> 2 <input type="text"/> <input type="text"/>
IV. DATA IBU		
Status Gizi Ibu Menyusui Berat Badan Tinggi Badan Lingkar Lengan Atas	: : : Kg Cm Cm	<input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> Kg Cm Cm
V. DATA ASI		
Volume ASI Kadar Asam Oleat	: : ml gr/L	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> ml gr/L
VI. DATA STATUS GIZI BAYI		
Berat Badan Lahir Panjang Badan Lahir Berat Aktual Panjang Badan Aktual	: : : : Kg Cm Kg Cm	<input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> Kg Cm Kg Cm

Lampiran 3. Lembar Recall 2 X 24 jam

Nama :

Tanggal :

Hari ke- :

FOOD RECALL 2 X 24 JAM

Petunjuk: Berikan penjelasan gambaran apa saja yang Anda makan dan minum 24 jam terakhir, baik yang dimakan/minum di rumah ataupun di luar rumah!

Waktu	Nama Menu	Jenis Bahan Makanan	URT	Gram
Pagi/Jam:				
Selingan Pagi/Jam:				
Siang/Jam:				
Selingan Siang/Jam:				
Malam/Jam:				
Selingan Malam/Jam:				

Keterangan: Ukuran Rumah Tangga

Lampiran 4. Kartu Kontrol Kepatuhan Responden

Nama :

Nama Keluarga :

Alamat :

No Handphone :

Hari	Konsumsi Minyak Zaitun (√)	Apakah dikontrol oleh anggota keluarga	Keluhan	Paraf
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

Lampiran 5. Lembar Food Frekuensi

LEMBAR FOOD FREKUENSI

Nama :
 Tanggal :
 Hari Ke- :

Bahan Makanan	Frekuensi						
	>1x/hari	1x/hari	3-6x/mgg	1-2x/mgg	2 mgg sekali	Sebulan sekali	Tidak pernah
KONSUMSI KARBOHIDRAT							
Nasi							
Singkong							
Jagung							
Krekes/Biskuit							
Kentang							
Mie Kering							
Mie Basah							
Bihun							
Roti Putih							
Ubi Jalar							
KONSUMSI LEMAK							
Jeroan							
Daging ayam dengan kulit							
Minyak kelapa							
Minyak sawit							
Minyak jagung							
Keju							
Minyak wijen							
Minyak zaitun							
Susu full cream							
Gorengan							
Santan							
Alpukat							
Margarin/mentega							

Bahan Makanan	Frekuensi						
	>1x/hari	1x/hari	3-6x/mgg	1-2x/mgg	2 mgg sekali	Sebulan sekali	Tidak pernah
KONSUMSI PROTEIN							
Daging sapi							
Daging kambing							
Daging ayam							
Telur ayam							
Telur bebek							
Ikan laut							
Tahu							
Tempe							
Kacang tanah							
Kacang merah							
Kacang hijau							

Lampiran 6. Tabel Angka Kecukupan Gizi Permenkes 2019

LAMPIRAN I

PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA

NOMOR 28 TAHUN 2019

TENTANG

ANGKA KECUKUPAN GIZI YANG DIANJURKAN UNTUK MASYARAKAT INDONESIA

TABEL ANGKA KECUKUPAN GIZI

I. Angka Kecukupan Energi, Protein, Lemak, Karbohidrat, Serat, dan Air yang Dianjurkan (Per Orang Per Hari)

Tabel 1







Angka Kecukupan Energi, Protein, Lemak, Karbohidrat, Serat, dan Air yang dianjurkan (per orang per hari)

Kelompok Umur	Berat Badan (kg)	Tinggi Badan (cm)	Energi (kkal)	Protein (g)	Lemak (g)			Karbohidrat (g)	Serat (g)	Air (ml)
					Total	Omega 3	Omega 6			
Perempuan										
10 – 12 tahun	38	147	1900	55	65	1.0	10	280	27	1850
13 – 15 tahun	48	156	2050	65	70	1.1	11	300	29	2100
16 – 18 tahun	52	159	2100	65	70	1.1	11	300	29	2150
19 – 29 tahun	55	159	2250	60	65	1.1	12	360	32	2350
30 – 49 tahun	56	158	2150	60	60	1.1	12	340	30	2350
50 – 64 tahun	56	158	1800	60	50	1.1	11	280	25	2350
65 – 80 tahun	53	157	1550	58	45	1.1	11	230	22	1550
80+ tahun	53	157	1400	58	40	1.1	11	200	20	1400
Hamil (+an)										
Trimester 1			+180	+1	+2.3	+0.3	+2	+25	+3	+300
Trimester 2			+300	+10	+2.3	+0.3	+2	+40	+4	+300
Trimester 3			+300	+30	+2.3	+0.3	+2	+40	+4	+300
Menyusui (+an)										
6 bln pertama			+330	+20	+2.2	+0.2	+2	+45	+5	+800
6 bln kedua			+400	+15	+2.2	+0.2	+2	+55	+6	+650

¹ Pemenuhan kebutuhan gizi bayi 0-5 bulan bersumber dari pemberian ASI Eksklusif

² Energi untuk aktifitas fisik dihitung menggunakan faktor aktifitas fisik untuk masing-masing kelompok umur yaitu 1.1 bagi anak hingga umur 1 tahun, 1.14 bagi anak 1-3 tahun, dan 1.26 bagi anak dan dewasa 4-64 tahun, serta 1,12 bagi usia lanjut

Lampiran 7. Materi Edukasi Gizi

IBU MENYUSUI		
PORSI MAKAN DAN MINUM IBU MENYUSUI UNTUK KEBUTUHAN SEHARI		
Bahan Makanan	Ibu Menyusui (0 - 12 bulan)	Keterangan
Nasi atau Makanan Pokok	6 porsi 	1 porsi = 100 gr atau 3/4 gelas nasi
Protein hewani seperti: ikan, telur, ayam, dan lainnya	4 porsi 	1 porsi = 50 gr atau 1 potong sedang ikan 1 porsi = 55 gr atau 1 butir telur Ayam
Protein nabati seperti: tempe, tahu, dan lainnya	4 porsi 	1 porsi = 50 gr atau 1 potong sedang tempe 1 porsi = 100 gr atau 2 potong sedang tahu
Sayur-sayuran	4 porsi 	1 porsi = 100 gr atau 1 mangkuk sayur matang tanpa kuah
Buah-buahan	4 porsi 	1 porsi = 100 gr atau 1 potong sedang pisang 1 porsi = 100-190 gr atau 1 potong besar pepaya
Minyak/ lemak	6 porsi Minyak/lemak termasuk santan yang digunakan dalam pengolahan, makanan digoreng, ditumis atau dimasak dengan santan	1 porsi = 5 gr atau 1 sendok teh bersumber dari pengolahan makanan seperti menggoreng, menumis, santan, kemiri, mentega dan sumber lemak lainnya
Gula	2 porsi 	1 porsi = 10 gr atau 1 sendok makan bersumber dari kue-kue manis, minum teh manis dan lain-lainnya

Minum Air Putih: 14 gelas/ hari di 6 bulan pertama dan 12 gelas/ hari pada 6 bulan kedua

Catatan:
Konsultasikan porsi makan kepada tenaga kesehatan, perhatikan Indeks Masa Tubuh

Lampiran 8. Rekomendasi 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 : **14738/UN4.14.1/TP.01.02/2022**

Tanggal : 8 Desember 2022

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

No. Protokol	21222042349	No. Sponsor Protokol	
Peneliti Utama	Tenri Dewi Supardin	Sponsor	Pribadi
Judul Peneliti	Pengaruh Pemberian <i>Extra Virgin Olive Oil</i> (EVOO) Terhadap Kadar Asam Oleat ASI Ibu Menyusui (0-6 Bulan) di Wilayah Kerja Puskesmas Sudiang Raya dan Puskesmas Tamalanrea Kota Makassar		
No. Versi Protokol	1	Tanggal Versi	2 Desember 2022
No. Versi PSP	1	Tanggal Versi	2 Desember 2022
Tempat Penelitian	Puskesmas Sudiang Raya dan Puskesmas Tamalanrea, Kota Makassar, Provinsi Sulawesi Selatan		
Judul Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 8 Desember 2022 Sampai 8 Desember 2023	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof.dr.Veni Hadju,M.Sc,Ph.D	Tanda tangan 	 8 Desember 2022
Sekretaris komisi Etik Penelitian	Nama : Dr. Wahiduddin, SKM.,M.Kes	Tanda tangan 	 8 Desember 2022

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 Laporan 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

Lampiran 10. Dokumentasi Foto Penelitian Lapangan



Melapor ke Ketua RT dan kader



Pengambilan Data Awal di Puskesmas



Edukasi Gizi pada kelompok Intervensi



Penjelasan Informed Consent



Wawancara Recall dan FFQ



Edukasi di Rumah Responden dan ReCALL



Pengukuran Lila



Pengukuran Tinggi Badan



Pengukuran Berat Badan

Dokumentasi Foto Penelitian di Laboratorium



Penomoran sampel ASI



Memasukkan ASI ke dalam Well



Pembuatan Larutan
Substrate sebanyak 50pL



Pencampuran ASI dan anti
bodi anti asam oleat



Tim Penelitian ASI



Tim Penelitian ASI



Pengambilan Sampel ASI 1



Pengambilan Sampel ASI 2



Pengecekan Kartu Kontrol



Distribusi Sampel EVOO

Dokumentasi Foto Alat dan Bahan



Sampel EVOO



Botol Sampel EVOO



Pengukuran Sampel EVOO



Mesin Reader Elisa



ELISA KIT



Tabung 0,5 ml Sampel ASI



Pencatatan Penomoran sesuai dengan di Well



Papan Well ELISA KIT



Gambar Pita Lila



Stadiometer Gantung dan Berdiri



Timbangan Digital

Lampiran 11. Output SPSS Penelitian

Output Baseline Data Karakteristik

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Umur	Based on Mean	6.389	1	28	.017
	Based on Median	1.836	1	28	.186
	Based on Median and with adjusted df	1.836	1	23.973	.188
	Based on trimmed mean	5.513	1	28	.026
Paritas	Based on Mean	.707	1	28	.408
	Based on Median	.175	1	28	.679
	Based on Median and with adjusted df	.175	1	27.723	.679
	Based on trimmed mean	.707	1	28	.408
Jumlah Anggota Rumah Tangga	Based on Mean	1.736	1	28	.198
	Based on Median	1.270	1	28	.269
	Based on Median and with adjusted df	1.270	1	23.105	.271
	Based on trimmed mean	1.442	1	28	.240
Pre_LiLA	Based on Mean	1.463	1	28	.237
	Based on Median	.350	1	28	.559
	Based on Median and with adjusted df	.350	1	25.688	.559
	Based on trimmed mean	1.463	1	28	.237
Pendidikan	Based on Mean	1.451	1	28	.238
	Based on Median	.651	1	28	.427
	Based on Median and with adjusted df	.651	1	25.980	.427
	Based on trimmed mean	1.244	1	28	.274
Pekerjaan	Based on Mean	2.635	1	28	.116
	Based on Median	.651	1	28	.426
	Based on Median and with adjusted df	.651	1	27.277	.427
	Based on trimmed mean	2.635	1	28	.116

Umur Intervensi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	19-29 tahun	3	10.0	20.0	20.0
	30-49 tahun	12	40.0	80.0	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Umur kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	16-18 tahun	1	3.3	6.7	6.7
	19-29 tahun	5	16.7	33.3	40.0
	30-49 tahun	9	30.0	60.0	100.0
Total		15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Paritas Intervensi

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid ≤ 2 anak	3	10.0	20.0	20.0
>2 anak	12	40.0	80.0	100.0
Total	15	50.0	100.0	
Missing System	15	50.0		
Total	30	100.0		

Paritas Kontrol

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid ≤ 2 anak	4	13.3	26.7	26.7
>2 anak	11	36.7	73.3	100.0
Total	15	50.0	100.0	
Missing System	15	50.0		
Total	30	100.0		

Jumlah ART Kontrol

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid ≤ 4 ART	9	30.0	60.0	60.0
> 4 ART	6	20.0	40.0	100.0
Total	15	50.0	100.0	
Missing System	15	50.0		
Total	30	100.0		

Pendidikan Intervensi

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Tamat SD	1	3.3	6.7	6.7
Tamat SMA	6	20.0	40.0	46.7
Perguruan Tinggi	8	26.7	53.3	100.0
Total	15	50.0	100.0	
Missing System	15	50.0		
Total	30	100.0		

Pendidikan Kontrol

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Tamat SMP	1	3.3	6.7	6.7
Tamat SMA	9	30.0	60.0	66.7
Perguruan Tinggi	5	16.7	33.3	100.0
Total	15	50.0	100.0	
Missing System	15	50.0		
Total	30	100.0		

Pekerjaan Intervensi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Bekerja	10	33.3	66.7	66.7
	Bekerja	5	16.7	33.3	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Pekerjaan Kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Bekerja	12	40.0	80.0	80.0
	Bekerja	3	10.0	20.0	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Lingkar Lengan Atas Intervensi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	≤ 23.5 cm	2	6.7	13.3	13.3
	> 23.5 cm	13	43.3	86.7	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Lingkar Lengan Atas Kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	23.5 cm	1	3.3	6.7	6.7
	> 23.5 cm	14	46.7	93.3	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

Jumlah ART Intervensi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	≤ 4 ART	5	16.7	33.3	33.3
	> 4 ART	10	33.3	66.7	100.0
	Total	15	50.0	100.0	
Missing	System	15	50.0		
Total		30	100.0		

UJI NORMALITAS ASUPAN

Tests of Normality^c

	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Energy_Pre	Intervensi	.167	15	.200*	.930	15	.277
	Kontrol	.283	15	.002	.841	15	.013
Energy_Post	Intervensi	.110	15	.200*	.975	15	.926
	Kontrol	.208	15	.079	.884	15	.054
Protein_Pre	Intervensi	.272	15	.004	.875	15	.040
	Kontrol	.236	15	.024	.869	15	.032
Protein_Post	Intervensi	.168	15	.200*	.927	15	.250
	Kontrol	.289	15	.001	.814	15	.006
Fat_Pre	Intervensi	.197	15	.120	.884	15	.055
	Kontrol	.160	15	.200*	.918	15	.181
Fat_Post	Intervensi	.183	15	.188	.919	15	.186
	Kontrol	.215	15	.061	.906	15	.117
Karbo_Pre	Intervensi	.125	15	.200*	.930	15	.270
	Kontrol	.194	15	.135	.847	15	.016
Karbo_Post	Intervensi	.123	15	.200*	.960	15	.699
	Kontrol	.133	15	.200*	.939	15	.371
Serat_Pre	Intervensi	.158	15	.200*	.916	15	.165
	Kontrol	.116	15	.200*	.967	15	.806
Serat_Post	Intervensi	.142	15	.200*	.890	15	.067
	Kontrol	.229	15	.034	.856	15	.021
PUFA_Pre	Intervensi	.212	15	.070	.874	15	.039
	Kontrol	.268	15	.005	.863	15	.027
PUFA_Post	Intervensi	.160	15	.200*	.889	15	.065
	Kontrol	.169	15	.200*	.919	15	.189
MUFA_Pre	Intervensi	.200	15	.110	.805	15	.004
	Kontrol	.181	15	.198	.907	15	.124
MUFA_Post	Intervensi	.134	15	.200*	.936	15	.330
	Kontrol	.285	15	.002	.752	15	.001
Oleic_Post	Intervensi	.504	15	.000	.417	15	.000

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

a. Lilliefors Significance Correction

c. Oleic_Post is constant when Kelompok = Kontrol. It has been omitted.

UJI HOMOGENITAS ASUPAN

Test of Homogeneity of Variance^a

		Levene Statistic	df1	df2	Sig.
Energy_Pre	Based on Mean	.694	1	28	.412
	Based on Median	.091	1	28	.765
	Based on Median and with adjusted df	.091	1	24.115	.765
	Based on trimmed mean	.494	1	28	.488
Energy_Post	Based on Mean	.865	1	28	.360
	Based on Median	.441	1	28	.512
	Based on Median and with adjusted df	.441	1	24.290	.513
	Based on trimmed mean	.646	1	28	.428
Protein_Pre	Based on Mean	.159	1	28	.693
	Based on Median	.006	1	28	.941
	Based on Median and with adjusted df	.006	1	27.803	.941
	Based on trimmed mean	.127	1	28	.724
Protein_Post	Based on Mean	.004	1	28	.950
	Based on Median	.045	1	28	.834
	Based on Median and with adjusted df	.045	1	25.553	.834
	Based on trimmed mean	.001	1	28	.972
Fat_Pre	Based on Mean	1.003	1	28	.325
	Based on Median	.935	1	28	.342
	Based on Median and with adjusted df	.935	1	26.241	.342
	Based on trimmed mean	.995	1	28	.327
Fat_Post	Based on Mean	.465	1	28	.501
	Based on Median	.104	1	28	.749
	Based on Median and with adjusted df	.104	1	24.895	.750
	Based on trimmed mean	.359	1	28	.554
Karbo_Pre	Based on Mean	.736	1	28	.398
	Based on Median	.814	1	28	.375
	Based on Median and with adjusted df	.814	1	27.999	.375
	Based on trimmed mean	.780	1	28	.385
Karbo_Post	Based on Mean	.000	1	28	.985
	Based on Median	.002	1	28	.962
	Based on Median and with adjusted df	.002	1	24.010	.962
	Based on trimmed mean	.001	1	28	.976
Serat_Pre	Based on Mean	.596	1	28	.447
	Based on Median	.600	1	28	.445
	Based on Median and with adjusted df	.600	1	26.430	.445
	Based on trimmed mean	.643	1	28	.429
Serat_Post	Based on Mean	.025	1	28	.874
	Based on Median	.000	1	28	.993
	Based on Median and with adjusted df	.000	1	24.764	.993
	Based on trimmed mean	.007	1	28	.933
PUFA_Pre	Based on Mean	.660	1	28	.423
	Based on Median	.136	1	28	.715
	Based on Median and with adjusted df	.136	1	27.588	.715
	Based on trimmed mean	.637	1	28	.432
PUFA_Post	Based on Mean	1.660	1	28	.208
	Based on Median	.838	1	28	.368
	Based on Median and with adjusted df	.838	1	22.066	.370
	Based on trimmed mean	1.372	1	28	.251
MUFA_Pre	Based on Mean	1.140	1	28	.295
	Based on Median	.632	1	28	.433
	Based on Median and with adjusted df	.632	1	27.269	.433
	Based on trimmed mean	1.017	1	28	.322

MUFA_Post	Based on Mean	.116	1	28	.736
	Based on Median	.025	1	28	.875
	Based on Median and with adjusted df	.025	1	19.995	.875
	Based on trimmed mean	.005	1	28	.944
Oleic_Post	Based on Mean	. ^b			

a. Oleic_Post is constant when Kelompok = Kontrol. It has been omitted.

b. There are not enough unique spread/level pairs to compute the Levene statistic.

INDEPENDEN SAMPLE T-TEST

Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Energy_Pre	Intervensi	15	1515.3587	520.77729	134.46412
	Kontrol	15	1568.7300	658.98358	170.14883
Energy_Post	Intervensi	15	1953.3340	510.93856	131.92377
	Kontrol	15	1647.8107	666.61113	172.11825
Protein_Post	Intervensi	15	67.1893	30.27789	7.81772
	Kontrol	15	60.0940	32.37040	8.35800
Fat_Pre	Intervensi	15	55.2873	30.69164	7.92455
	Kontrol	15	68.6947	41.51712	10.71967
Fat_Post	Intervensi	15	89.1207	31.49827	8.13282
	Kontrol	15	70.0940	39.20624	10.12301
Karbo_Pre	Intervensi	15	201.8760	84.76507	21.88625
	Kontrol	15	175.9307	70.25795	18.14053
Karbo_Post	Intervensi	15	222.1860	57.40869	14.82286
	Kontrol	15	196.3113	66.97447	17.29273
Serat_Pre	Intervensi	15	8.2567	3.94137	1.01766
	Kontrol	15	6.7480	3.10459	.80160
Serat_Post	Intervensi	15	9.6227	4.78582	1.23569
	Kontrol	15	8.5280	5.74817	1.48417
PUFA_Post	Intervensi	15	18.6920	13.56547	3.50259
	Kontrol	15	15.2620	9.47203	2.44567
MUFA_Post	Intervensi	15	21.9700	10.22969	2.64130
	Kontrol	15	16.7593	12.80782	3.30696

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Energy_Pre	Equal variances assumed	.694	.412	-.246	28	.807	-53.37133	216.86683	497.60290	390.86023
	Equal variances not assumed			-.246	26.580	.807	-53.37133	216.86683	498.67443	391.93177
Energy_Post	Equal variances assumed	.865	.360	1.409	28	.170	305.52333	216.86073	138.69572	749.74239
	Equal variances not assumed			1.409	26.229	.171	305.52333	216.86073	140.05106	751.09772
Protein_Post	Equal variances assumed	.004	.950	.620	28	.540	7.09533	11.44434	-16.34733	30.53800
	Equal variances not assumed			.620	27.876	.540	7.09533	11.44434	-16.35204	30.54270
Fat_Pre	Equal variances assumed	1.003	.325	1.006	28	.323	-13.40733	13.33079	-40.71421	13.89954
	Equal variances not assumed			1.006	25.783	.324	-13.40733	13.33079	-40.82039	14.00573
Fat_Post	Equal variances assumed	.465	.501	1.465	28	.154	19.02667	12.98530	-7.57251	45.62585
	Equal variances not assumed			1.465	26.758	.155	19.02667	12.98530	-7.62826	45.68160
Karbo_Pre	Equal variances assumed	.736	.398	.913	28	.369	25.94533	28.42686	-32.28445	84.17512

	Equal variances not assumed			.913	27.068	.369	25.94533	28.42686	-32.37489	84.26556
Karbo_Post	Equal variances assumed	.000	.985	1.136	28	.266	25.87467	22.77621	-20.78029	72.52962
	Equal variances not assumed			1.136	27.360	.266	25.87467	22.77621	-20.82948	72.57881
Serat_Pre	Equal variances assumed	.596	.447	1.165	28	.254	1.50867	1.29545	-1.14494	4.16228
	Equal variances not assumed			1.165	26.544	.255	1.50867	1.29545	-1.15152	4.16885
Serat_Post	Equal variances assumed	.025	.874	.567	28	.575	1.09467	1.93124	-2.86131	5.05064
	Equal variances not assumed			.567	27.110	.576	1.09467	1.93124	-2.86717	5.05650
PUFA_Post	Equal variances assumed	1.660	.208	.803	28	.429	3.43000	4.27194	-5.32066	12.18066
	Equal variances not assumed			.803	25.030	.430	3.43000	4.27194	-5.36769	12.22769
MUFA_Post	Equal variances assumed	.116	.736	1.231	28	.229	5.21067	4.23231	-3.45883	13.88016
	Equal variances not assumed			1.231	26.696	.229	5.21067	4.23231	-3.47795	13.89929

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Protein_Pre	Intervensi	15	14.27	214.00
	Kontrol	15	16.73	251.00
	Total	30		
PUFA_Pre	Intervensi	15	16.33	245.00
	Kontrol	15	14.67	220.00
	Total	30		
MUFA_Pre	Intervensi	15	14.00	210.00
	Kontrol	15	17.00	255.00
	Total	30		

Test Statistics ^a			
	Protein_Pre	PUFA_Pre	MUFA_Pre
Mann-Whitney U	94.000	100.000	90.000
Wilcoxon W	214.000	220.000	210.000
Z	-.767	-.518	-.933
Asymp. Sig. (2-tailed)	.443	.604	.351
Exact Sig. [2*(1-tailed Sig.)]	.461 ^b	.624 ^b	.367 ^b

a. Grouping Variable: Kelompok

b. Not corrected for ties.

UJI PAIRED SAMPLE T-TEST

Paired Samples Statistics					
		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Energy_Pre Intervensi	1515.3587	15	520.77729	134.46412
	Energy_Post Intervensi	1953.3340	15	510.93856	131.92377
Pair 2	Protein_Pre Intervensi	54.3487	15	28.64587	7.39633
	Protein_Post Intervensi	67.1893	15	30.27789	7.81772
Pair 3	Fat_Pre Intervensi	55.2873	15	30.69164	7.92455
	Fat_Post Intervensi	89.1207	15	31.49827	8.13282
Pair 4	Fat_Pre Kontrol	68.6947	15	41.51712	10.71967
	Fat_Post Kontrol	70.0940	15	39.20624	10.12301
Pair 5	Karbo_Pre Intervensi	201.8760	15	84.76507	21.88625
	Karbo_Post Intervensi	222.1860	15	57.40869	14.82286
Pair 6	Karbo_Pre Kontrol	175.9307	15	70.25795	18.14053
	Karbo_Post Kontrol	196.3113	15	66.97447	17.29273
Pair 7	Serat_Pre Intervensi	8.2567	15	3.94137	1.01766
	Serat_Post Intervensi	9.6227	15	4.78582	1.23569
Pair 8	Serat_Pre Kontrol	6.7480	15	3.10459	.80160
	Serat_Post Kontrol	8.5280	15	5.74817	1.48417

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	Energy_Pre Intervensi - Energy_Post Intervensi	437.97533	445.21727	114.95460	684.52844	191.42223	-3.810	14	.002
Pair 2	Protein_Pre Intervensi - Protein_Post Intervensi	-12.84067	24.87695	6.42320	-26.61706	.93573	-1.999	14	.065
Pair 3	Fat_Pre Intervensi - Fat_Post Intervensi	-33.83333	34.26925	8.84828	-52.81101	-14.85565	-3.824	14	.002
Pair 4	Fat_Pre Kontrol - Fat_Post Kontrol	-1.39933	24.00649	6.19845	-14.69369	11.89502	-.226	14	.825
Pair 5	Karbo_Pre Intervensi - Karbo_Post Intervensi	-20.31000	64.13915	16.56066	-55.82908	15.20908	-1.226	14	.240
Pair 6	Karbo_Pre Kontrol - Karbo_Post Kontrol	-20.38067	51.61075	13.32584	-48.96175	8.20041	-1.529	14	.148
Pair 7	Serat_Pre Intervensi - Serat_Post Intervensi	-1.36600	5.08213	1.31220	-4.18039	1.44839	-1.041	14	.316
Pair 8	Serat_Pre Kontrol - Serat_Post Kontrol	-1.78000	5.27363	1.36164	-4.70044	1.14044	-1.307	14	.212

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Energy_Pre Kontrol	15	1568.7300	658.98358	815.39	2817.63
Protein_Pre Kontrol	15	63.4487	28.24803	32.07	118.00
PUFA_Pre Intervensi	15	15.5667	9.31391	5.15	39.97
PUFA_Pre Kontrol	15	14.4967	10.13469	2.80	31.57
MUFA_Pre Intervensi	15	14.0273	9.17587	5.63	29.64
MUFA_Pre Kontrol	15	17.4320	11.77219	3.29	40.29
Energy_Post Kontrol	15	1647.8107	666.61113	845.98	3129.28
Protein_Post Kontrol	15	60.0940	32.37040	21.30	134.67
PUFA_Post Intervensi	15	18.6920	13.56547	3.47	49.73
PUFA_Post Kontrol	15	15.2620	9.47203	4.10	37.84
MUFA_Post Intervensi	15	21.9700	10.22969	5.50	36.00
MUFA_Post Kontrol	15	16.7593	12.80782	6.45	52.06

Ranks

		N	Mean Rank	Sum of Ranks
Energy_Post Kontrol - Energy_Pre Kontrol	Negative Ranks	5 ^a	7.80	39.00
	Positive Ranks	10 ^b	8.10	81.00
	Ties	0 ^c		
	Total	15		
Protein_Post Kontrol - Protein_Pre Kontrol	Negative Ranks	8 ^d	9.44	75.50
	Positive Ranks	7 ^e	6.36	44.50
	Ties	0 ^f		
	Total	15		
PUFA_Post Intervensi - PUFA_Pre Intervensi	Negative Ranks	6 ^g	7.67	46.00
	Positive Ranks	9 ^h	8.22	74.00
	Ties	0 ⁱ		
	Total	15		
PUFA_Post Kontrol - PUFA_Pre Kontrol	Negative Ranks	5 ^j	9.60	48.00
	Positive Ranks	10 ^k	7.20	72.00
	Ties	0 ^l		
	Total	15		
MUFA_Post Intervensi - MUFA_Pre Intervensi	Negative Ranks	2 ^m	8.50	17.00
	Positive Ranks	13 ⁿ	7.92	103.00
	Ties	0 ^o		
	Total	15		
MUFA_Post Kontrol - MUFA_Pre Kontrol	Negative Ranks	10 ^p	6.90	69.00
	Positive Ranks	5 ^q	10.20	51.00
	Ties	0 ^r		
	Total	15		
Oleic_Post Kontrol - Oleic_Post Intervensi	Negative Ranks	15 ^s	8.00	120.00
	Positive Ranks	0 ^t	.00	.00
	Ties	0 ^u		
	Total	15		

Test Statistics^a

	Energy_Post Kontrol - Energy_Pre Kontrol	Protein_Post Kontrol - Protein_Pre Kontrol	PUFA_Post Intervensi - PUFA_Pre Intervensi	PUFA_Post Kontrol - PUFA_Pre Kontrol	MUFA_Post Intervensi - MUFA_Pre Intervensi	MUFA_Post Kontrol - MUFA_Pre Kontrol	Oleic_Post Kontrol - Oleic_Post Intervensi
Z	-1.193 ^b	-.881 ^c	-.795 ^b	-.682 ^b	-2.442 ^b	-.511 ^c	-3.689 ^c
Asym p. Sig. (2-tailed)	.233	.379	.427	.496	.015	.609	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. Based on positive ranks.

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Pre_AO * Kelompok	30	100.0%	0	0.0%	30	100.0%
Post_AO * Kelompok	30	100.0%	0	0.0%	30	100.0%
Delta_AO * Kelompok	30	100.0%	0	0.0%	30	100.0%

Report

Kelompok		Pre_AO	Post_AO	Delta_AO
Intervensi	Mean	.3860	1.0867	.7007
	Std. Deviation	.05054	1.10708	1.13549
	Median	.3800	.3700	.0000
	Minimum	.27	.34	-.14
	Maximum	.48	3.11	2.74
Kontrol	Mean	.4573	.9560	.4987
	Std. Deviation	.21585	.94548	1.01113
	Median	.3700	.3600	.0000
	Minimum	.35	.34	-.82
	Maximum	1.16	2.55	2.13
Total	Mean	.4217	1.0213	.5997
	Std. Deviation	.15825	1.01373	1.06139
	Median	.3750	.3650	.0000
	Minimum	.27	.34	-.82
	Maximum	1.16	3.11	2.74

Case Processing Summary

Kelompok		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Pre_AO	Intervensi	15	100.0%	0	0.0%	15	100.0%
	Kontrol	15	100.0%	0	0.0%	15	100.0%
Post_AO	Intervensi	15	100.0%	0	0.0%	15	100.0%
	Kontrol	15	100.0%	0	0.0%	15	100.0%

Tests of Normality

Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Pre_AO	Intervensi	.202	15	.102	.933	15	.306
	Kontrol	.417	15	.000	.521	15	.000
Post_AO	Intervensi	.172	15	.200*	.890	15	.068
	Kontrol	.395	15	.000	.639	15	.000

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

a. Lilliefors Significance Correction

Delta Asam Oleat, Lemak

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Delta_AO	30	100.0%	0	0.0%	30	100.0%
Delta_LMK	30	100.0%	0	0.0%	30	100.0%
Delta_LMK_AKG	30	100.0%	0	0.0%	30	100.0%

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Delta_AO	.334	30	.000	.768	30	.000
Delta_LMK	.210	30	.002	.878	30	.003
Delta_LMK_AKG	.207	30	.002	.872	30	.002

a. Lilliefors Significance Correction

Descriptives

		Statistic	Std. Error	
Delta_AO	Mean	.5997	.19378	
	95% Confidence Interval for Mean	Lower Bound	.2033	
		Upper Bound	.9960	
	5% Trimmed Mean	.5533		
	Median	.0000		
	Variance	1.127		
	Std. Deviation	1.06139		

	Minimum		- .82	
	Maximum		2.74	
	Range		3.56	
	Interquartile Range		1.83	
	Skewness		.988	.427
	Kurtosis		-.595	.833
Delta_LMK	Mean		11.9933	4.35830
	95% Confidence Interval for Mean	Lower Bound	3.0796	
		Upper Bound	20.9071	
	5% Trimmed Mean		10.2537	
	Median		8.2500	
	Variance		569.844	
	Std. Deviation		23.87141	
	Minimum		-29.70	
	Maximum		88.20	
	Range		117.90	
	Interquartile Range		19.30	
	Skewness		1.456	.427
	Kurtosis		3.351	.833
Delta_LMK_AKG	Mean		17.0833	6.74307
	95% Confidence Interval for Mean	Lower Bound	3.2922	
		Upper Bound	30.8745	
	5% Trimmed Mean		14.2074	
	Median		11.4500	
	Variance		1364.070	
	Std. Deviation		36.93332	
	Minimum		-44.20	
	Maximum		135.70	
	Range		179.90	
	Interquartile Range		30.05	
	Skewness		1.533	.427
	Kurtosis		3.395	.833

NPar Tests Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Delta_AO	Intervensi	15	15.67	235.00
	Kontrol	15	15.33	230.00
	Total	30		
Delta_LMK	Intervensi	15	16.03	240.50
	Kontrol	15	14.97	224.50
	Total	30		
Delta_LMK_AKG	Intervensi	15	15.23	228.50
	Kontrol	15	15.77	236.50
	Total	30		

UJI T Berpasangan (Intervensi Asam Oleat)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Asam Oleat_Intervensi_Pre	.3860	15	.05054	.01305
	Asam Oleat_Intervensi_Post	1.0867	15	1.10708	.28585

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Asam Oleat_Intervensi_Pre & Asam Oleat_Intervensi_Post	15	-.547	.035

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	Asam Oleat_Intervensi_Pre - Asam Oleat_Intervensi_Post	-.70067	1.13549	.29318	-1.32948	-.07185	-2.390	14	.031

UJI WILCOXON (KONTROL ASAM OLEAT)

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Asam Oleat_Kontrol_Pre	15	.4573	.21585	.35	1.16
Asam Oleat_Kontrol_Post	15	.9560	.94548	.34	2.55

Kadar Asam Oleat Pre-Post

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
Asam Oleat_Kontrol_Post - Asam Oleat_Kontrol_Pre	Negative Ranks	7 ^a	5.71	40.00
	Positive Ranks	7 ^b	9.29	65.00
	Ties	1 ^c		
	Total	15		

a. Asam Oleat_Kontrol_Post < Asam Oleat_Kontrol_Pre

b. Asam Oleat_Kontrol_Post > Asam Oleat_Kontrol_Pre

c. Asam Oleat_Kontrol_Post = Asam Oleat_Kontrol_Pre

Test Statistics^a

	Asam Oleat_Kontrol_Post - Asam Oleat_Kontrol_Pre
Z	-.789 ^b
Asymp. Sig. (2-tailed)	.430

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

Uji Man Withnay Asupan Lemak dan Asam Oleat

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
Pre_Lmk	Intervensi	15	14.40	216.00
	Kontrol	15	16.60	249.00
	Total	30		
Post_Lmk	Intervensi	15	15.67	235.00
	Kontrol	15	15.33	230.00
	Total	30		
Pre_AO	Intervensi	15	15.47	232.00
	Kontrol	15	15.53	233.00
	Total	30		
Post_AO	Intervensi	15	16.13	242.00
	Kontrol	15	14.87	223.00
	Total	30		

Test Statistics^a

	Pre_Lmk	Post_Lmk	Pre_AO	Post_AO
Mann-Whitney U	96.000	110.000	112.000	103.000
Wilcoxon W	216.000	230.000	232.000	223.000
Z	-.685	-.104	-.021	-.398
Asymp. Sig. (2-tailed)	.494	.917	.983	.691
Exact Sig. [2*(1-tailed Sig.)]	.512 ^b	.935 ^b	1.000 ^b	.713 ^b

- a. Grouping Variable: Kelompok
- b. Not corrected for ties.

Uji Korelasi Pearson

Descriptive Statistics

	Mean	Std. Deviation	N
Konsumsi Sumber Lemak	1.47	.507	30
Post_AO	1.0213	1.01373	30

Correlations

		Konsumsi Sumber Lemak	Post_AO
Konsumsi Sumber Lemak	Pearson Correlation	1	-.176
	Sig. (2-tailed)		.353
	N	30	30
Post_AO	Pearson Correlation	-.176	1
	Sig. (2-tailed)	.353	
	N	30	30

Baseline Data Karakteristik

Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Umur	Intervensi	15	32.0000	4.53557	1.17108
	Kontrol	15	30.3333	5.02375	1.29713
Paritas	Intervensi	15	2.5333	1.12546	.29059
	Kontrol	15	2.1333	.99043	.25573
TB	Intervensi	15	153.3333	5.63999	1.45624
	Kontrol	15	154.0667	4.38287	1.13165
Pre_LiLA	Intervensi	15	26.2667	3.43608	.88719
	Kontrol	15	26.2533	3.04909	.78727
Pre_BB	Intervensi	15	54.3000	10.23858	2.64359
	Kontrol	15	58.8333	10.38541	2.68150
Pekj_Ibu	Intervensi	15	7.33	.976	.252
	Kontrol	15	7.47	1.125	.291
Pend_Ibu	Intervensi	15	3.93	1.280	.330
	Kontrol	15	3.60	1.056	.273
Jum_Kel	Intervensi	15	5.6667	2.71679	.70147
	Kontrol	15	4.8667	1.40746	.36341

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Umur	Equal variances assumed	.006	.940	.954	28	.348	1.66667	1.74756	-1.91305	5.24638
	Equal variances not assumed			.954	27.712	.348	1.66667	1.74756	-1.91472	5.24806
Paritas	Equal variances assumed	1.285	.267	1.033	28	.310	.40000	.38709	-.39292	1.19292
	Equal variances not assumed			1.033	27.555	.310	.40000	.38709	-.39350	1.19350
TB	Equal variances assumed	.591	.448	-.398	28	.694	-.73333	1.84425	-4.51111	3.04445

	Equal variances not assumed			-.398	26.390	.694	-.73333	1.84425	-4.52152	3.05486
Pre_Li LA	Equal variances assumed	1.708	.202	.011	28	.991	.01333	1.18613	-2.41635	2.44301
	Equal variances not assumed			.011	27.610	.991	.01333	1.18613	-2.41790	2.44456
Pre_B B	Equal variances assumed	.283	.599	1.204	28	.239	-4.53333	3.76550	-12.24662	3.17995
	Equal variances not assumed			1.204	27.994	.239	-4.53333	3.76550	-12.24669	3.18002
Pekj_lbu	Equal variances assumed	.032	.859	-.347	28	.731	-.133	.385	-.921	.655
	Equal variances not assumed			-.347	27.449	.731	-.133	.385	-.922	.655
Pend_lbu	Equal variances assumed	1.451	.238	.778	28	.443	.333	.428	-.544	1.211
	Equal variances not assumed			.778	27.021	.443	.333	.428	-.546	1.212
Jum_kel	Equal variances assumed	1.736	.198	1.013	28	.320	.80000	.79002	-.81828	2.41828
	Equal variances not assumed			1.013	21.010	.323	.80000	.79002	-.84288	2.44288

Uji Normalitas Data Karakteristik Ibu Menyusui

		Tests of Normality					
		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
Umur	Intervensi	.485	15	.000	.499	15	.000
	Kontrol	.367	15	.000	.713	15	.000
Paritas	Intervensi	.485	15	.000	.499	15	.000
	Kontrol	.453	15	.000	.561	15	.000
Jumlah Anggota Rumah Tangga	Intervensi	.251	15	.012	.819	15	.006
	Kontrol	.331	15	.000	.831	15	.009
Pre_LiLA	Intervensi	.514	15	.000	.413	15	.000
	Kontrol	.535	15	.000	.284	15	.000
Pendidikan	Intervensi	.331	15	.000	.744	15	.001
	Kontrol	.382	15	.000	.720	15	.000
Pekerjaan	Intervensi	.419	15	.000	.603	15	.000
	Kontrol	.485	15	.000	.499	15	.000

a. Lilliefors Significance Correction

Master Tabel Kepatuhan dan Kontrol Keluarga

No	No. LAB	Konsumsi EVOO	Kontrol Keluarga	Keluhan	Keterangan
1	53A	14 Hari	Suami	Tidak Ada	Nafsu makan meningkat, ASI banyak
2	37A	14 Hari	Mertua	Tidak Ada	-
3	6A	14 Hari	Suami	Tidak Ada	ASI terasa penuh
4	18A	14 Hari	Suami	Tidak Ada	-
5	12A	14 Hari	Suami	Awal konsumsi pusing, tetap dilanjutkan	Nafsu makan meningkat
6	11A	12 Hari	Suami	Hari ke 1 dan ke 2 feses bayi berwarna hijau.	Nafsu makan meningkat, ASI banyak
7	16A	14 Hari	Suami	Tidak Ada	Nafsu makan meningkat, tidur enak
8	54A	14 Hari	Mertua	Tidak Ada	ASI meningkat, nafsu makan meningkat
9	58A	14 Hari	Suami	Tidak Ada	Nafsu makan meningkat, ASI banyak
10	20A	12 Hari	Suami	Rasa seperti jamu	Lupa membawa sampel EVOO
11	34A	14 Hari	Mertua	Tidak Ada	ASI terasa penuh
12	56A	11 Hari	Suami	Tidak Ada	Tersisi 2 botol sampel krn ASI sangat melimpah
13	77A	14 Hari	Suami	Tidak Ada	Tidur enak
14	76A	14 Hari	Ibu	Tidak Ada	-
15	79A	14 Hari	Suami	Tidak Ada	Nafsu makan meningkat,

RIWAYAT HIDUP



A. Data Pribadi

Nama : Tenri Dewi Supardin
Tempat, Tanggal Lahir : Sabe 05 Maret 1984
Jenis Kelamin : Perempuan
Agama : Islam
Alamat Domisili : Jln. Sisi Al Jufri No.14 Kelurahan Uemalingku,
Kecamatan Ratolindo, Kabupaten Tojo Una-
Una Provinsi Sulawesi Tengah
Alamat Makassar : Jln. Tamangapa Raya No.118 Kelurahan
Bangkala Kecamatan Manggala Makassar
Email : tenridewi99@gmail.com

B. Riwayat Pendidikan

No	Jenjang	Sekolah/ Akademi/ Perguruan Tinggi (Jurusan)	Tahun Lulus	Kota
1	SD	SDN. 229 Lamunre	1996	Belopa
2	SMP	SLTP Negri 1 Belopa	1999	Belopa
3	MAN	MAN 2 Model Makassar	2002	Makassar
4	D3	Politeknik Kesehatan Makassar, Jurusan Gizi	2005	Makassar
5	S1	Universitas Hasanuddin, Jurusan Gizi	2016	Makassar
6	S2	Universitas Hasanuddin, Ilmu Kesehatan Masyarakat Konsentrasi Gizi	2023	Makassar

