

## DAFTAR PUSTAKA

- Agrawal K, Hassoun LA, Foolad N, Borkowski K, Pedersen TL, Sivamani RK, and Newman JW. (2018). Effects of Atopic Dermatitis and Gender on Sebum Lipid Mediator and Fatty Acid Profiles. *National Library of Medicine HHS*.
- Boediardja, S. A. (2016) 'Dermatitis Atopik', in Menaldi, S. L. S., Bramono, K., and Indriatmi, W. (eds) Buku Ilmu Penyakit Kulit dan Kelamin. 7th edn, pp. 167–183.
- Bhattacharya, N., Sato, W. J., Kelly, A., Ganguli-Indra, G., & Indra, A. K. (2020). Epidermal lipids: key mediators of atopic dermatitis pathogenesis. *Trends in molecular medicine*, 25(6), 551-562.
- Bustamante, M. et al. (2020) 'Probiotics and prebiotics potential for the care of skin, female urogenital tract, and respiratory tract', *Folia Microbiologica*, 65(2), pp. 245–264. doi: 10.1007/s12223-019-00759-3.
- Cheng B, Silverberg, N. B., & Silverberg, J. I. (2021). Association of childhood atopic dermatitis with atopic and nonatopic multimorbidity. *Dermatitis*, 32(4), 214-219.
- Chudzik, A. et al. (2021) 'Probiotics, prebiotics and postbiotics on mitigation of depression symptoms: Modulation of the brain–gut–microbiome axis', *Biomolecules*, 11(7). doi: 10.3390/biom11071000.
- Evina, B. (2015). Clinical manifestations and diagnostic criteria of atopic dermatitis. *Jurnal Majority*, 4(4).
- Fanfaret, I. et al. (2021) 'Probiotics and prebiotics in atopic dermatitis: Pros and cons (Review)', *Experimental and Therapeutic Medicine*, 22(6), pp. 1–8. doi: 10.3892/etm.2021.10811.
- Fujii M. (2021). The pathogenic and therapeutic implications of ceramide abnormalities in atopic dermatitis. *Cells*, 10(9). doi:10.3390/cells10092386
- Gibson GR, Hutkins R, Sanders ME et al (2017) Expert consensus document: The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of prebiotics. *Nat Rev Gastroenterol Hepatol* 14:491–502
- Han Y, Kim B, Ban J, et al. (2012). A randomized trial of *Lactobacillus plantarum* CJLP133 for the treatment of atopic dermatitis. *Pediatr Allergy Immunol*. 23(7):667-673. doi:10.1111/PAI.12010.
- Indraprasta, S., Zulkarnain, I., & Ervianti, E. (2016). Perbandingan Kadar 8-Hydroxydeoxyguanosine (8-OHdG) Urin pada Anak dengan Dermatitis Atopik. *esehatan Kulit dan Kelamin* , 28 (3), 186-193.
- Gamami, M., & Hidajat, D. (2022). Mikrobioma Kulit dan Peran Dermatitis Atopik. *Jurnal Kedokteran* , 11 (1), 739-746.
- M., & Saini, K. (2019). An overview of atopic dermatitis with a interventions. *Innovations*, 1, 2019.
- S.J.,Enk, A.H.,Bruckner A.L., Amagai M., McMichael, A.J., &



- Orringer, J.S. (2019). Fitzpatrick's Dermatology, 9 edition. McGrawHill Medical, 2421-2429.
- Karim, A., Setyaningrum, T. and Prakoeswa, C. R. S. (2019) 'Efek Pemberian Lactobacillus plantarum IS-10506 terhadap Indeks Scoring Atopic Dermatitis (SCORAD) Pasien Dermatitis Atopik Dewasa Derajat Ringan-Sedang: Uji Klinis Acak Terkontrol, Tersamar Ganda (Effect of Lactobacillus plantarum IS-10506 Supplementatio', *Berkala Ilmu Kesehatan Kulit dan Kelamin*, 31(3), pp. 85–92.
- Katoh N, Ohya Y, Ikeda M, Ebihara T, Katayama I, Saeki H, Shimojo N, Tanaka A, Nakahara T, Nagao M, Hide M, Fujita Y, Fujisawa T, Futamura M, Masuda K, Murota H, Yamamoto-Hanada K; Committee for Clinical Practice Guidelines for the Management of Atopic Dermatitis 2018, The Japanese Society of Allergology, The Japanese Dermatology Association. *Japanese guidelines for atopic dermatitis 2020*. *Allergol Int.* 2020. Jul;69(3):356-369. doi: 10.1016/j.alit.2020.02.006. Epub 2020 Apr 4. PMID: 32265116.
- Kim, J. E. and Kim, H. S. (2019) 'Microbiome of the skin and gut in atopic dermatitis (Ad): Understanding the pathophysiology and finding novel management strategies', *Journal of Clinical Medicine*, 8(4). doi: 10.3390/jcm8040444.
- Knackstedt, R., Knackstedt, T. and Gatherwright, J. (2020) 'The role of topical probiotics in skin conditions: A systematic review of animal and human studies and implications for future therapies', *Experimental Dermatology*, 29(1), pp. 15–21. doi: 10.1111/exd.14032.
- Lawton, S. (2019). Kulit 1: struktur dan fungsi kulit. *Nurse times* , 115 , 30-33.
- Lestari, W. (2018). Manifestasi Klinis dan Tatalaksana Dermatitis Atopik. *Jurnal Kedokteran Nanggroe Medika*, 1(1), 84-90.
- Magnifico, I. *et al.* (2020) 'Atopic dermatitis as a multifactorial skin disorder. Can the analysis of pathophysiological targets represent the winning therapeutic strategy?', *Pharmaceuticals*, 13(11), pp. 1–18. doi: 10.3390/ph13110411.
- Malik, K., Heitmiller, K. D., & Czarnowicki, T. (2017). An update on the pathophysiology of atopic dermatitis. *Dermatologic clinics*, 35(3), 317-326.
- Marzio, DL., Cinque, B., De Simone, C., & Cifone, M. G. (1999). Effect of the lactic acid bacterium *Streptococcus thermophilus* on ceramide levels in human keratinocytes in vitro and stratum corneum in vivo. *Journal of Investigative Dermatology*, 113(1), 98–106.
- Marzio, DL., Cinque, B., Cupelli, F., De Simone, C., Cifone, M. G., & Giuliani, M. (2008). Increase of skin-ceramide levels in aged subjects following a short-application of bacterial sphingomyelinase from *Streptococcus*. *International Journal of Immunopathology and Pharmacology*, 3.
- 5). Junqueira's basic histology: text and atlas (Vol. 13). 14th ed. Graw-Hill Medical
- Ramirez-Bosca A, Ramon-Vidal D, et al. (2018). Effect of oral application of a mixture of probiotic strains on SCORAD index and use of



- topical steroids in young patients with moderate atopic dermatitis a randomized clinical trial. *JAMA Dermatology*. 154(1):37-43. doi:10.1001/jamadermatol.2017.3647
- Nowicka, D., Chilicka, K. and Dzieńdziora-Urbińska, I. (2022) 'Host-Microbe Interaction on the Skin and Its Role in the Pathogenesis and Treatment of Atopic Dermatitis', *Pathogens*, 11(1), pp. 1–9. doi: 10.3390/pathogens11010071.
- Pachacama López AF, Tapia Portilla MF, Moreno-Piedrahíta Hernández F, Palacios-Álvarez S. (2021). Probiotics to Reduce the Severity of Atopic Dermatitis in Pediatric Patients: A Systematic Review and Meta-Analysis. *Actas Dermo-Sifiliográficas (English Ed)*. 112(10):881-890. doi:10.1016/j.adengl.2021.06.006
- Pavel P, Blunder S, Moosbrugger-Martinz V, Elias PM, Dubrac S. (2022). Atopic Dermatitis: The Fate of the Fat. *Int J Mol Sci*. 23(4). doi:10.3390/ijms23042121
- Prakoewa CRS, et al. (2017). Lactobacillus plantarum IS-10506 supplementation reduced SCORAD in children with atopic dermatitis', *Beneficial Microbes*, 8(5), pp. 833–840. doi: 10.3920/BM2017.0011.
- Prakoewa CRS, Bonita L, Karim A, et al. (2022). Beneficial effect of Lactobacillus plantarum IS-10506 supplementation in adults with atopic dermatitis: a randomized controlled trial. *J Dermatolog Treat*. 33(3):1491-1498. doi:10.1080/09546634.2020.1836310
- Kim SO, Ah YM, Yu YM, Choi KH, Shin WG, Lee JY. (2014). Effects of probiotics for the treatment of atopic dermatitis: A meta-analysis of randomized controlled trials. *Ann Allergy, Asthma Immunol*. 113(2):217-226. doi:10.1016/j.anai.2014.05.021
- Raimondo A, Lembo S. (2021). Atopic dermatitis: Epidemiology and clinical phenotypes. *Dermatology Pract Concept*, 11(4):1-6. doi:10.5826/dpc.1104a146
- Rather IA, Kim BC, Lew LC, et al. (2021). Oral Administration of Live and Dead Cells of Lactobacillus sakei proBio65 Alleviated Atopic Dermatitis in Children and Adolescents: a Randomized, Double-Blind, and Placebo-Controlled Study. *Probiotics Antimicrob Proteins*. 13(2):315-326. doi:10.1007/s12602-020-09654-7
- Salaran, M. et al. (2019) 'Topical Application of Lactobacillus Plantarum on Burn Wound Healing in Diabetic Rats', *Iranian Journal of Veterinary Surgery*, 14(1), pp. 60–72. doi: 10.22034/ivsa.2019.171577.1173.
- Seddik, H. A., Bendali, F., Gancel, F., Fliss, I., Spano, G., & Dridier, D. (2017). Lactobacillus plantarum and its probiotic and food potentialities. *Probiotics and Antimicrob Proteins*. 13(2):315-326.
- H, Heibor MR, et al. (2017). Lactobacillus Delbrueckii Modulates the Secretion of Th1/Th2 and Treg Cell-Related Cytokines from Patients with Atopic Dermatitis. *Drug Res (Stuttg)*, 57(1):1-6. doi:10.1055/s-0043-117612.
- and Kurniawan, M. (2021) 'Peran Probiotik sebagai Pencegahan



- Dermatitis Atopi', 48(1), pp. 44–47.
- Suryavanshi, M. V. et al. (2017) 'Draft genome sequence of *Lactobacillus plantarum*. Standards in Genomic Sciences (2017) 12:15
- Toncic, R. J., Jakasa, I., Hadzavdic, S. L., Goorden, S. M., Vlugt, K. J., Stet, F. S., & Kezic, S. (2020). Altered levels of sphingosine, sphinganine and their ceramides in atopic dermatitis are related to skin barrier function, disease severity and local cytokine milieu. *International journal of molecular sciences*, 21(6), 1958.
- Tsai TF, Rajagopalan M, Chu CY, et al. (2019). Burden of atopic dermatitis in Asia. *J Dermato*, 46(10):825-834. doi:10.1111/1346-8138.15048
- Tsai WH, Chou CH, Chiang YJ, Lin CG, Lee CH. (2021). Regulatory effects of *Lactobacillus plantarum*-GMNL6 on human skin health by improving skin microbiome. *Int J Med Sci*, 18(5):1114-1120. doi:10.7150/ijms.51545
- Uchida, Y. and Park, K. (2021) 'Ceramide in Skin Health and Disease: An Update', *American Journal of Clinical Dermatology*, 22(6), pp. 853–866. doi: 10.1007/s40257-021-00619-2.
- Xie A, Chen A, Chen Y, et al. (2023). *Lactobacillus* for the treatment and prevention of atopic dermatitis: Clinical and experimental evidence. *Front Cell Infect Microbiol*, 13(February):1-20. doi:10.3389/fcimb.2023.1137275
- Yin H, Zhuoqiong Q, Ronghui Z, et al. (2022). Dysregulated lipidome of sebum in patients with atopic dermatitis. *Allergy Eur J Allergy Clin Immunol*. 78(6):1524-1537. doi:10.1111/all.15569
- Yousef, H., Miao, J. H., Alhaji, M., & Badri, T. (2020). Histology, skin appendages. In StatPearls [Internet]. StatPearls Publishing.
- Zhao, W. et al. (2021) 'Meta-Analysis: Randomized Trials of *Lactobacillus plantarum* on Immune Regulation Over the Last Decades', *Frontiers in Immunology*, 12(March), pp. 1–8. doi: 10.3389/fimmu.2021.643420.



**CURRICULUM VITAE****A. Data Pribadi**

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**B. Riwayat Pendidikan**

1. 2000-2006 : SD Negeri 139 Tolada, Kecamatan Malangke
2. 2006-2008 : SMP Negeri 2 Malangke
3. 2008-2009 : SMP Negeri 22 Makassar
4. 2009-2012 : SMA Negeri 4 Makassar
5. 2013-2017 : S1 Pendidikan Dokter Umum, Fakultas Kedokteran, Universitas Hasanuddin
6. 2017-2019 : Profesi Dokter, Fakultas Kedokteran, Universitas Hasanuddin

**C. Riwayat Pekerjaan**

1. Nov 2019- Juli 2020 : Dokter Internsip di RSUD La Temmamala Kabupaten Soppeng, Sulawesi Selatan
2. Juli 2020- Sept 2020 : Dokter Internsip di Puskesmas Baringeng Kabupaten Soppeng, Sulawesi Selatan
3. Okt 2020- Des 2022 : Dokter Umum di Puskesmas Malangke Barat, Kabupaten Luwu Utara, Sulawesi Selatan
4. Nov 2020- Des 2022 : Dokter Umum di RS Hikmah Sejahterah Sukamaju, Kab. Luwu Utara, Sulawesi Selatan
5. Nov 2020- Des 2022 : Dokter Umum di Klinik Utama Alif Medika Masamba, Kab. Luwu Utara, Sulawesi Selatan

**D. Makalah pada Seminar/Konferensi Ilmiah Nasional dan Internasional**

1. Suderi et al 2023. Closure of Squamous Cell Carcinoma Defect Using a n Technique of Transposition Flap, Advancement Flap, and Proceeding of the PIT XIX Perdoski, 24-26 Aug 2023, Jakarta, 2023. Successful Reconstruction of Nasal Tip Defects using ns of Interpolation Nasolabial Flap and Cartilagenous Auricular eeding of the 11th Dasil World Congress, 25-27 Oct 2023,hailand.



## ETIK PENELITIAN



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN  
RSPTN UNIVERSITAS HASANUDDIN  
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR  
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu  
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.



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**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 706/UN4.6.4.5.31/ PP36/ 2022

Tanggal: 11 Nopember 2022

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

No Protokol	UH22090557	No Sponsor	
Peneliti Utama	<b>Dr. dr. Farida Ilyas, Sp.KK(K), FINSDV, FAADV</b>	Sponsor	
Judul Peneliti	Efektivitas Mikrobiom Topikal yang Mengandung <i>Lactobacillus plantarum</i> terhadap Kadar Seramid dan Produksi Sebum pada Dermatitis Atopik		
No Versi Protokol	2	Tanggal Versi	4 Nopember 2022
No Versi PSP	2	Tanggal Versi	4 Nopember 2022
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal 12 Oktober 2022	Masa Berlaku	Frekuensi review lanjutan
		11 Nopember 2022 sampai 11 Nopember 2022	
Ketua KEP Universitas Hasanuddin	Nama <b>Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)</b>	Tanda-tangan	
Sekretaris KEP Universitas Hasanuddin	Nama <b>dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)</b>	Tanda-tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- 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
- Menyerahkan laporan kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Menyerahkan laporan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Menyerahkan laporan pelanggaran yang ditentukan



## UJI STATISTIK

## Distribusi Karakteristik

	Descriptive Statistics				
	N	Minimum	Maximum	Mean	Std. Deviation
Baseline Sebum Kanan	23	0	2	.57	.590
Baseline Sebum Kiri	23	0	1	.48	.511
W2 Sebum Kanan	23	0	2	.43	.728
W2 Sebum Kiri	23	0	6	1.48	1.563
W4 Sebum Kanan	23	0	2	.52	.790
W4 Sebum Kiri	23	0	4	1.17	1.267
Selisih W2-Baseline Kontrol Sebum	23	-1	2	-.13	.920
Selisih W4-W2 Kontrol Sebum	23	-2	2	.09	.848
Selisih W4-Baseline Kontrol Sebum	23	-1	2	-.04	.825
Selisih W2-Baseline Perlakuan Sebum	23	-1	6	1.00	1.651
Selisih W4-W2 Perlakuan Sebum	23	-6	2	-.30	1.663
Selisih W4-Baseline Perlakuan Sebum	23	-1	4	.70	1.295
Baseline Seramid Kanan	23	41.0117	95.3209	78.685612	14.7872230
Baseline Seramid Kiri	23	21.5292	71.9665	30.417544	17.5057686
W2 Seramid Kanan	23	34.3065	97.2986	73.489839	13.2547326
W2 Seramid Kiri	23	21.7110	79.5355	33.907927	17.1890709
W4 Seramid Kanan	23	37.2357	180.5880	76.185240	28.2738945
W4 Seramid Kiri	23	21.5430	134.7218	43.869022	33.7638202
Baseline Seramid Kanan	23	-35.2372	40.5720	-5.195773	20.9538260
Baseline Seramid Kiri	23	-33.4688	100.5810	2.695401	30.1934240



Selisih W4-Baseline Kontrol Seramid	23	-57.3927	118.4747	- 2.500 372	34.0119831
Selisih W2-Baseline Perlakuan Seramid	23	-46.6253	57.9524	3.490 383	23.2928046
Selisih W4-W2 Perlakuan Seraamid	23	-57.3652	97.9770	9.961 095	40.1519819
Selisih W4-Baseline Perlakuan Seramid	23	-49.1192	113.1807	13.45 1478	37.5796425
Valid N (listwise)	23				

## 1. Uji statistik seramid

### T-Test

#### Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W2- Baseline	Kontrol	23	-5.195773	20.9538260	4.3691748
	Perlakuan	23	3.490383	23.2928046	4.8568855

#### 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
SelisiEqual h variances W2- assumed	.005	.945	-1.330	44	.191	- 8.6861 564	6.532 9186	- 21.852 3886	4.480 0758
Base Equal line variances not assumed			-1.330	43.52	.191	- 8.6861 564	6.532 9186	- 21.856 5234	4.484 2106



## T-Test

Group Statistics					
	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W4-W2	Kontrol	23	2.695401	30.1934240	6.2957641
	Perlakuan	23	9.961095	40.1519819	8.3722670

## 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
Selisih W4-W2	Equal variances assumed	2.274	.139	-.694	44	.492	-7.2656936	10.4752804	-28.3772341	13.8458469
	Equal variances not assumed			-.694	40.853	.492	-7.2656936	10.4752804	-28.4232714	13.8918842

## T-Test

Group Statistics					
	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W4-Baseline	Kontrol	23	-2.500372	34.0119831	7.0919887
	Perlakuan	23	13.451478	37.5796425	7.8358971



### 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
Selisih W4-Baseline	Equal variances assumed	.672	.417	-1.509	44	.138	-15.9518500	10.5687080	-37.2516814	5.3479813
	Equal variances not assumed			-1.509	43.569	.138	-15.9518500	10.5687080	-37.2576294	5.3539293

## 2. Uji statistik sebum T-Test

### Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W2-Baseline Sebum	Kontrol	23	-.1304	.91970	.19177
	Perlakuan	23	1.0000	1.65145	.34435

### 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
Selisih W2-Baseline Sebum	Equal variances assumed	2.656	.110	-2.868	44	.006	-1.13043	.39415	-1.92479	-.33608
	Equal variances not assumed			-2.868	43.5	.006	-1.13043	.39415	-1.92479	-.33608



Sebum	Equal variances not assumed			-2.868	34.49	.007	-1.13043	.39415	-1.93106	-.32981
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### T-Test

#### Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W4-W2	Kontrol	23	.0870	.84816	.17685
Sebum	Perlakuan	23	-.3043	1.66337	.34684

#### 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
Selisih W4-W2 Sebum	Equal variances assumed	3.587	.065	1.005	44	.320	.39130	.38932	-.39332	1.17593
	Equal variances not assumed			1.005	32.716	.322	.39130	.38932	-.40104	1.18365

### T-Test

#### Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih W4-Baseline	Kontrol	23	-.0435	.82453	.17193
	Perlakuan	23	.6957	1.29456	.26993



### 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
Selisih W4-Baseline	Equal variances assumed	6.224	.016	-2.310	44	.026	-.73913	.32004	-1.38412	-.09414
	Not assumed			-2.310	37.327	.027	-.73913	.32004	-1.38739	-.09087
	Equal variances assumed									

**Hubungan peningkatan seramid dengan produksi sebum menggunakan uji Korelasi Pearson Dan Spearman**

### 3. Uji Korelasi seramid sebum

**Korelasi *Baseline* Produksi Sebum kanan dan Kadar Seramide *Baseline* kanan**

#### Correlations

		Baseline Sebum Kanan	Baseline seramid Kanan
Baseline Sebum Kanan	Pearson Correlation	1	.162
	Sig. (2-tailed)		.461
	N	23	23
Baseline seramid Kanan	Pearson Correlation	.162	1
	Sig. (2-tailed)	.461	
	N	23	23

#### Correlations

		Baseline Sebum Kanan	Baseline seramid Kanan
Baseline Sebum Kanan	Correlation Coefficient	1.000	.146
	Sig. (2-tailed)	.	.505
	N	23	23
Baseline seramid Kanan	Correlation Coefficient	.146	1.000



Seramid Kanan	Sig. (2-tailed)	.505	.
	N	23	23

**Korelasi *Baseline* Produksi Sebum kiri dan Kadar Seramide *Baseline* kiri**  
**Correlations**

		Baseline sebum Kiri	Baseline seramid Kiri
Baseline sebum Kiri	Pearson Correlation	1	-.235
	Sig. (2-tailed)		.281
	N	23	23
Baseline seramid Kiri	Pearson Correlation	-.235	1
	Sig. (2-tailed)	.281	
	N	23	23

**Correlations**

		Baseline sebum Kiri	Baseline seramid Kiri
Spearman's rho	Baseline sebum Kiri	Correlation Coefficient	1.000
		Sig. (2-tailed)	.473
		N	23
Baseline seramid Kiri	Baseline sebum Kiri	Correlation Coefficient	-.157
		Sig. (2-tailed)	.473
		N	23

**Korelasi W2 sebum Kanan dan W2 seramid Kanan**  
**Correlations**

		W2 sebum Kanan	W2 seramid Kanan
W2 sebum Kanan	Pearson Correlation	1	-.295
	Sig. (2-tailed)		.171
	N	23	23
W2 seramid Kanan	Pearson Correlation	-.295	1
	Sig. (2-tailed)	.171	
	N	23	23



**Correlations**

W2 sebum Kanan	W2 seramid Kanan
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Spearman's rho	W2 sebum Kanan	Correlation Coefficient	1.000	-.044
		Sig. (2-tailed)	.	.842
		N	23	23
	W2 seramid Kanan	Correlation Coefficient	-.044	1.000
		Sig. (2-tailed)	.842	.
		N	23	23

### Korelasi W2 sebum Kiri dan W2 seramid Kiri Correlations

		W2 sebum Kiri	W2 seramid Kiri
W2 sebum Kiri	Pearson Correlation	1	.005
	Sig. (2-tailed)		.983
	N	23	23
W2 seramid Kiri	Pearson Correlation	.005	1
	Sig. (2-tailed)	.983	
	N	23	23

### Correlations

		W2 sebum Kiri	W2 seramid Kiri
Spearman's rho	W2 sebum Kiri	Correlation Coefficient	1.000
		Sig. (2-tailed)	.
		N	23
	W2 seramid Kiri	Correlation Coefficient	-.028
		Sig. (2-tailed)	.900
		N	23

### Korelasi W4 sebum Kanan dan W4 seramid Kanan Correlations



	W4 sebum Kanan	W4 seramid Kanan
Pearson Correlation	1	.454*
Sig. (2-tailed)		.029
N	23	23
Pearson Correlation	.454*	1

Kanan	Sig. (2-tailed)	.029	
	N	23	23

\*. Correlation is significant at the 0.05 level (2-tailed).

### Correlations

			W4 sebum Kanan	W4 seramid Kanan
Spearman's rho	W4 sebum Kanan	Correlation Coefficient	1.000	.519*
		Sig. (2-tailed)	.	.011
		N	23	23
	W4 seramid Kanan	Correlation Coefficient	.519*	1.000
		Sig. (2-tailed)	.011	.
		N	23	23

\*. Correlation is significant at the 0.05 level (2-tailed).

### Korelasi W4 sebum Kiri dan W4 seramid Kiri

#### Correlations

		W4 sebum Kiri	W4 seramid Kiri
W4 sebum Kiri	Pearson Correlation	1	-.085
	Sig. (2-tailed)		.700
	N	23	23
W4 seramid Kiri	Pearson Correlation	-.085	1
	Sig. (2-tailed)	.700	
	N	23	23

#### Correlations

			W4 sebum Kiri	W4 seramid Kiri
Spearman's rho	W4 sebum Kiri	Correlation Coefficient	1.000	-.022
		Sig. (2-tailed)	.	.921
		N	23	23
	W4 seramid Kiri	Correlation Coefficient	-.022	1.000
		Sig. (2-tailed)	.921	.
		N	23	23



### DOKUMENTASI PENELITIAN

