

## DAFTAR PUSTAKA

- Achuthan, A., S, G., 2015. Pattern visual evoked potential in newly diagnosed hypertensive individuals. *Int. J. Res. Med. Sci.* 3614–3619. <https://doi.org/10.18203/2320-6012.ijrms20151410>
- Agrawal, J., Pandey, S., Som, V., 2019. Normative Data for Peak Latencies and Amplitudes of P100 wave of Pattern Reversal Visual Evoked Potential in Central Indian Population. *International Journal of Physiology*, 2019, 7-1. <https://doi.org/10.5958/2320-608X.2019.00007.6>
- American Clinical Neurophysiology Society, 2006. Guideline 10: Guidelines for Writing Clinical Evoked Potential Reports. *J Clin Neurophysiol* 23:107–110. <https://www.acns.org/>
- Athul S Puthalath, 2019. An introduction to visual evoked potentials 1699814 Bytes. <https://doi.org/10.6084/M9.FIGSHARE.9702374>
- Bähr, M., Frotscher, M., 2012. Duus' topical diagnosis in neurology: anatomy, physiology, signs, symptoms, 5th ed. ed. Thieme, Stuttgart New York, NY.
- Balakrishnan, A., Natarajan, N., 2018. A comparative study on visual evoked potential in normotensive and hypertensive individuals. *Natl. J. Physiol. Pharm. Pharmacol.* 8, 1437. <https://doi.org/10.5455/njppp.2018.8.0620723072018>
- Bhatti, M.T., Bioussé, V., Bose, S., Danesh-Meyer, H.V., Falardeau, J., Levin, L.A., Phillips, P.H., Williams, Z.R., 2020. American Academy of Ophthalmology: Neuro-Ophthalmology.
- Blum, A.S., Rutkove, S.B. (Eds.), 2007. The clinical neurophysiology primer. Humana Press, Totowa, N.J.
- Campbell, D., 2013. Normative Data. In: Volkmar F.R. (eds) Encyclopedia of Autism Spectrum Disorders. Springer, New York, NY. [https://doi.org/10.1007/978-1-4419-1698-3\\_315](https://doi.org/10.1007/978-1-4419-1698-3_315)
- Clinical Visual Electrophysiology: Visual Evoked Potentials [Internet]. American Academy of Ophthalmology. 2015 [cited 2020 May 3]. Available from: <https://www.aao.org/disease-review/clinical-visual-electrophysiology-visualevoked-po>
- Comi, G., Leocani, L., Medaglini, S., Locatelli, T., Martinelli, V., Santuccio, G., Rossi, P., 1999. Measuring evoked responses in multiple sclerosis. *Multiple Sclerosis* 5, 263-267.
- Creel, D.J., 2019. Visually evoked potentials, in: *Handbook of Clinical*

- Neurology. Elsevier, pp. 501–522. <https://doi.org/10.1016/B978-0-444-64032-1.00034-5>
- Dotto, P. de F., Berezovsky, A., Sacai, P.Y., Rocha, D.M., Salomão, S.R., 2017. Gender-based normative values for pattern-reversal and flash visually evoked potentials under binocular and monocular stimulation in healthy adults. Doc. Ophthalmol. 135, 53–67. <https://doi.org/10.1007/s10633-017-9594-x>
- Ekayanti MS, Mahama CN, Ngantung DJ. Normative values of visual evoked potential in adults. Indian J Ophthalmol 2021;69:2328-32.
- Emmerson-Hanover, R., Shearer, D.E., Creel, D.J., Dustman, R.E., 1994. Pattern reversal evoked potentials: gender differences and age-related changes in amplitude and latency. Electroencephalogr. Clin. Neurophysiol. Potentials Sect. 92, 93–101. [https://doi.org/10.1016/0168-5597\(94\)90049-3](https://doi.org/10.1016/0168-5597(94)90049-3)
- Fejes, I., Kocsis, P.B., Benedek, G., Janáky, M., 2014. Interocular Amplitude and Latency Differences of Pattern ERG and Pattern VEP Parameters. Optom. Vis. Sci. 91, 472–476. <https://doi.org/10.1097/OPX.0000000000000193>
- Fishman, G.A. (Ed.), 2001. Electrophysiologic testing in disorders of the retina, optic nerve, and visual pathway, 2. ed. ed, Ophthalmology monographs. Foundation of the American Academy of Ophthalmology, San Francisco, CA.
- Geffr e, A., Friedrichs, K., Harr, K., Concorde, D., Trumel, C., Braun, J., 2009. Reference values: a review. Vet Clin Pathol 38/3 (2009) 288–298. <https://doi.org/10.1111/j.1939-165X.2009.00179.x>
- Gregori, B., Pro, S., Bombelli, F., Riccia, M., & Accornero, N., 2006. Vep latency: Sex and head size. Clinical Neurophysiology, 117(5), 1154–1157. doi:10.1016/j.clinph.2006.01.01
- Gupta, C.K., Ranabhat, S., Roy, R., 2021. Effect of Refractive Error on Visual Evoked Potential in Myopic Males and Females 6.
- Gupta, S., Gupta, G., Deshpande, V.K., 2016. Visual evoked potentials: Impact of age, gender, head size and BMI. Int. J. Biomed. Adv. Res. 7, 22. <https://doi.org/10.7439/ijbar.v7i1.2855>
- Hall, J.E., Guyton, A.C., 2011. Guyton and Hall textbook of medical physiology, 12th ed. ed. Saunders/Elsevier, Philadelphia, Pa.
- Hamed, S., Darwish, E., Youssef, A., Abo-Fadan, N., Abdellah, M., Bathalath, A., 2015. The effect of antiepileptic drugs on the evoked potentials of children with epilepsy. J. Pediatr. Epilepsy 01, 103–112. <https://doi.org/10.3233/PEP-2012-017>

- Heravian, J., Ehyaei, A., Shoeibi, N., Azimi, A., Ostadi-Moghaddam, H., Yekta, A.-A., Khoshima, M.J., Esmaily, H., n.d. Pattern Visual Evoked Potentials in Patients with Type II Diabetes Mellitus. *J. OPHTHALMIC Vis. Res.* 7, 6.
- Holder, G.E., 2004. Electrophysiological assessment of optic nerve disease. *Eye* 18, 1133–1143. <https://doi.org/10.1038/sj.eye.6701573>
- Holder, G. E., Celesia, G. G., Miyake, Y., Tobimatsu, S., Weleber R. G., 2010. International Federation of Clinical Neurophysiology: Recommendations for visual system testing. *Clinical Neurophysiology* 121 (2010) 1393–1409. doi:10.1016/j.clinph.2010.04.010
- Husain, A.M., 2017. Illustrated Manual of Clinical Evoked Potentials. Springer Publishing Company, New York, NY. <https://doi.org/10.1891/9781617050107>
- International Society for Clinical Electrophysiology of Vision, Odom, J.V., Bach, M., Brigell, M., Holder, G.E., McCulloch, D.L., Mizota, A., Tormene, A.P., 2016. ISCEV standard for clinical visual evoked potentials: (2016 update). *Doc. Ophthalmol.* 133, 1–9. <https://doi.org/10.1007/s10633-016-9553-y>
- Jancic, J., Ivancevic, N., Nikolic, B., Popovic, M., Martinovic, Z., Stevanovic, D., Grbic, M., Djuric, V., Samardzic, J., 2018. Visual evoked potentials - current concepts and future perspectives. *Vojnosanit. Pregl.* 75, 496–503. <https://doi.org/10.2298/VSP160613342J>
- Kothari, R., Bokariya, P., Singh, S., Narang, P., Singh, R., 2014. Refractive errors and their effects on visual evoked potentials. *J. Clin. Ophthalmol. Res.* 2, 3. <https://doi.org/10.4103/2320-3897.122625>
- Kothari, R., Bokariya, P., Singh, S., Singh, R., 2016. A Comprehensive Review on Methodologies Employed for Visual Evoked Potentials. *Scientifica* 2016, 1–9. <https://doi.org/10.1155/2016/9852194>
- Kothari, R., Singh, R., Singh, S., Bokariya, P., 2012. Effect of head circumference on parameters of pattern reversal Visual evoked potential in healthy adults of central India. *Nepal Med Coll J* 2012; 14(2): 75-79
- Kurita-Tashima, S., Tobimatsu, S., Nakayama-Hiromatsu, M., Kato, M., 1991. Effect of check size on the pattern reversal visual evoked potential. *Electroencephalogr. Clin. Neurophysiol. Potentials Sect.* 80, 161–166. [https://doi.org/10.1016/0168-5597\(91\)90118-H](https://doi.org/10.1016/0168-5597(91)90118-H)
- Lam, B.L., 2005. Electrophysiology of vision: clinical testing and applications. Taylor & Francis, Boca Raton.

- Mahjoob, M., Heravian Shandiz, J., Mirzajani, A., Ehsaei, A., Jafarzadehpur, E., 2019. Normative values of visual evoked potentials in Northeastern of Iran. *J. Optom.* 12, 192–197. <https://doi.org/10.1016/j.optom.2018.12.001>
- Marcellin, B., Olivier, M., Marième Soda, D.-S., Daniel Gams, M., Lala Bouna, S., 2020. Visual evoked potentials: Normative values from healthy Senegalese adults. *J. Neurosci. Neurol. Disord.* 3, 049–052. <https://doi.org/10.29328/journal.jnnd.1001034>
- McCulloch, D.L., Skarf, B., 1991. Development of the human visual system: monocular and binocular pattern VEP latency. *Invest. Ophthalmol.* 32, 10.
- Mermeklieva, E. A., 2018. Reference Values of Pattern Reversal Visual Evoked Potentials in Bulgarian Population. *European Journal of Ophthalmology* 1–6. <https://doi.org/10.1177/11206721188025>
- Metrovision. 2020. Vision Monitor Monpack One. Universal Vision Stimulator. <http://www.metrovision.com>
- Mitchell, K. W., 1987. Visual Evoked Potentials in The Older Population: Age and Gender Effects. *Clin. Phys.* Vol.8, No. 4, 317-324.
- Morgan, J.E., 2004. Circulation and axonal transport in the optic nerve. *Eye* 18, 1089–1095. <https://doi.org/10.1038/sj.eye.6701574>
- Neurotransmitter Review, 1997. The Principles of Nerve Cell Communication. *Alcohol Health Res World*. 1997; 21(2): 107–108.
- Robson, A.G., Nilsson, J., Li, S., Jalali, S., Fulton, A.B., Tormene, A.P., Holder, G.E., Brodie, S.E., 2018. ISCEV guide to visual electrodiagnostic procedures. *Doc. Ophthalmol.* 136, 1–26. <https://doi.org/10.1007/s10633-017-9621-y>
- Ruchi, K., Ramji, S., Smita, S., Pradeep, B., 2012. The Potential Use of Pattern Reversal Visual Evoked Potential for Detecting and Monitoring Open Angle Glaucoma 3, 8.
- Ruenhunsa, S., Vachirawongsakorn, V., 2022. Cranial thickness in relation to age, gender and head circumference in Thai population. *Chula Med J* Vol. 66 No. 3 July - September 2022;337-342. DOI : 10.14456/clmj.2022.41
- Sawaya, R., Sawaya, H., Youssef, G., 2017. Pattern reversal visual evoked potentials in adults: variability with age. *Clin. Invest. Med.* 40, 252. <https://doi.org/10.25011/cim.v40i6.29126>
- Seok, H.Y., Lee, E.-M., Park, K.D., Seo, D.-W., on behalf of the Korean Society of Clinical Neurophysiology Education Committee, 2018. Basic requirements for visual evoked potentials. *Ann. Clin.*

- Neurophysiol. 20, 12. <https://doi.org/10.14253/acn.2018.20.1.12>
- Sharma, R., 2015. Visual Evoked Potentials: Normative Values and Gender Differences. J. Clin. Diagn. Res. <https://doi.org/10.7860/JCDR/2015/12764.6181>
- Sherwood, L., 2014. Human Physiology. From Cells to Systems. 9th ed. Cengage Learning .USA.
- Shete, A.N., Garkal, K.D., Afroz, S., 2018. Effects of Exercise on Visual Evoked Potentials. International Journal of Applied Exercise Physiology. DOI: 10.30472/ijaep.v8i1.353
- Shibasaki H, Kuroiwa Y. Pattern reversal visual evoked potentials in Japanese patients with multiple sclerosis. J Neurol Neurosurg Psychiatry.1982;45(12):1139-43.
- Skalicky, S.E., 2016. Visual Electrophysiology, in: Ocular and Visual Physiology. Springer Singapore, Singapore, pp. 155–166. [https://doi.org/10.1007/978-981-287-846-5\\_10](https://doi.org/10.1007/978-981-287-846-5_10)
- Syaifudin M, Alatas Z, Rahardjo T. Penelitian antropometrik manusia Jawa dalam rangka penyusunan manusia acuan Indonesia. Prosiding Presentasi Ilmiah. Keselamatan Radiasi dan Lingkungan; 1996 Agustus 20-21; Jakarta; Standarisasi MP & Radiasi-BATAN PK; 1996. h. 230-9.
- Tandon, O.P., Bhatia, S., 1991. Visual Evoked Potential Responses in Pregnant Women 3. Indian J Physiol Pharmacol; 35(4): 263-265
- Tandon, O.P., Sharma, 1989. Visual Evoked Potential in Young Adults A Normative Study. Ind. J. Physiol. Pharmacol., Volume S3.
- Taylor D, Hoyt C.S., Repka M.X., 2017. Pediatric Ophthalmology and Strabismus. 5th edition. China : Elsevier.
- Thomas, A., 1997. Age-related changes of evoked potentials. Electroencephalogr. Clin. Neurophysiol. 103, 9. [https://doi.org/10.1016/S0013-4694\(97\)87937-4](https://doi.org/10.1016/S0013-4694(97)87937-4)
- Tobimatsu, S., Kurita-Tashima, S., Nakayama-Hiromatsu, M., Akazawa, K., Kato, M., 1993. Age-related changes in pattern visual evoked potentials: differential effects of luminance, contrast and check size. Electroencephalogr. Clin. Neurophysiol. Potentials Sect. 88, 12–19. [https://doi.org/10.1016/0168-5597\(93\)90023-I](https://doi.org/10.1016/0168-5597(93)90023-I)
- Tortora, G.J., Derrickson, B., 2014. Principles of Anatomy and Physiology. 14th Edition.Wiley. USA.
- Towle, V.L., Moskowitz, A., n.d. The Visual Evoked Potential in Glaucoma and Ocular Hypertension: Effects of Check Size, Field Size, and Stimulation Rate 24, 9.

- Valerie Jewells, H.W.S., 2014. Review of Epilepsy - Etiology, Diagnostic Evaluation and Treatment. Int. J. Neurorehabilitation 01. <https://doi.org/10.4172/2376-0281.1000130>
- Veselinovi, D., Duric S., 2004. Differentiation of Posterior Ischemic Optic Neuropathy from Retrobulbar Neuritis With Pattern Evoked Visual Potential Response. Facta Universitatis Series: Medicine and Biology Vol.11, No 3, pp. 127 - 130
- Walsh, P., 2005. The clinical role of evoked potentials. J. Neurol. Neurosurg. Psychiatry 76, ii16–ii22. <https://doi.org/10.1136/jnnp.2005.068130>
- Waxman, S.G., 2010. Clinical neuroanatomy. McGraw-Hill Medical, New York.
- Wijaya, A., Hakim, M., Ibrahim, N., Prihartono, J., 2018. Nilai Normal Latensi dan Amplitudo Gelombang Visual Evoked Potential pada Usia Dewasa 35, 8.
- Wilson, W.B., 1978. Visual-Evoked Response Differentiation of Ischemic Optic Neuropathy from the Optic Neuropathy of Multiple Sclerosis. Am. J. Ophthalmol. 86, 530–535. [https://doi.org/10.1016/0002-9394\(78\)90302-1](https://doi.org/10.1016/0002-9394(78)90302-1)
- Yang, Y., Zhao, J., Xiao, F., Zhao, H., Dai, Y., 2019. Effect of high-order aberrations on pattern-reversal visual evoked potentials. Vision Res. 161, 52–59. <https://doi.org/10.1016/j.visres.2019.05.008>

## LAMPIRAN 1. Persetujuan Etik



**REKOMENDASI PERSETUJUAN ETIK**  
Nomor : 1/UN4.6.4.5.31 / PP36/ 2022

Tanggal: 5 Januari 2022

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

No Protokol	UH21110689	No Sponsor Protokol	
Peneliti Utama	<b>dr. Dewi Nugrahwati Putri</b>	Sponsor	
Judul Peneliti	DATA NORMATIF UNTUK LATENSI DAN AMPLITUDO GELOMBANG VISUAL EVOKED POTENTIAL PADA ORANG DEWASA DI RUMAH SAKIT PERGURUAN TINGGI NEGERI UNIVERSITAS HASANUDDIN MAKASSAR		
No Versi Protokol	2	Tanggal Versi	<b>3 Januari 2022</b>
No Versi PSP	2	Tanggal Versi	<b>3 Januari 2022</b>
Tempat Penelitian	RS Universitas Hasanuddin Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku <b>5 Januari 2022</b> sampai <b>5 Januari 2023</b>	Frekuensi review lanjutan
Ketua KEPK FKUH RSUH dan RSWS	Nama <b>Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)</b>	Tanda tangan	
Sekretaris KEPK FKUH RSUH dan RSWS	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 Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

## LAMPIRAN 2. Lembar Persetujuan



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN  
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
KOMITE ETIK PENELITIAN KESEHATAN  
RSPTN UNIVERSITAS HASANUDDIN



RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR

Sekretariat : Lantai 2 Gedung Laboratorium Terpadu

JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.

Contact Person: dr. Agussalim Bukhari.,MMed,PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431

### LAMPIRAN 2

#### FORMULIR PERSETUJUAN SETELAH PENJELASAN (PSP)

Saya yang bertandatangan di bawah ini :

Nama : .....  
Umur : .....  
Telepon/HP : .....  
Alamat : .....

setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat, dan apa yang akan dilakukan pada penelitian ini, menyatakan setuju untuk ikut dalam penelitian ini secara sukarela tanpa paksaan.

Saya tahu bahwa keikutsertaan saya ini bersifat sukarela tanpa paksaan, sehingga saya bisa menolak ikut atau mengundurkan diri dari penelitian ini. Saya berhak bertanya atau meminta penjelasan pada peneliti bila masih ada hal yang belum jelas atau masih ada hal yang ingin saya ketahui tentang penelitian ini.

Saya juga mengerti bahwa semua biaya yang dikeluarkan sehubungan dengan penelitian ini, akan ditanggung oleh peneliti. Saya percaya bahwa keamanan dan kerahasiaan data penelitian akan terjamin dan saya dengan ini menyetujui semua data saya yang dihasilkan pada penelitian ini untuk disajikan dalam bentuk lisan maupun tulisan.

Dengan membubuhkan tandatangan saya di bawah ini, saya menegaskan keikutsertaan saya secara sukarela dalam studi penelitian ini.

	Nama	Tanda tangan	Tgl/Bln/Thn
Responden	.....	.....	.....
/Wali	.....	.....	.....
Saksi	.....	.....	.....

(Tanda Tangan Saksi diperlukan hanya jika Partisipan tidak dapat memberikan consent/persetujuan sehingga menggunakan wali yang sah secara hukum, yaitu untuk partisipan berikut:

1. Berusia di bawah 18 tahun
2. Usia lanjut
3. Gangguan mental
4. Pasien tidak sadar
5. Dan lain-lain kondisi yang tidak memungkinkan memberikan persetujuan

#### Penanggung jawab penelitian :

Nama : dr. Dewi Nugrahwati Putri Ansar  
Alamat : J. Palapa IV No. 76 Telkom, Kota Makassar  
Telp. : 085242855557

#### Penanggung jawab Medis :

Nama : DR. dr. Yunita, Sp.M(K), M.Kes  
Alamat : Perumahan Citra Garden Blok L1 No.1 Cluster Golden Tulip, Kabupaten Gowa  
Telp. : 082188333370

DISETUJUI OLEH KOMISI  
PENELITIAN KESEHATAN  
FAKULTAS KEDOKTERAN UNHAS  
TGL 3 JANUARI 2022

### LAMPIRAN 3. Master Data Penelitian

No.	Nama (Inisial)	Nomor Sampel	JK	Usia (Tahun)	LK	LATENSI (ms)						AMPLITUDO (uV)					
						15			60			15			60		
						OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR
1	DT	001-01	P	32	53	108	109	1	109	109	0	25,4	32,6	7,2	20,2	18,7	1,5
2	ZH	002-02	L	34	54,5	105	104	1	101	101	0	19,3	15,2	4,1	17,4	15,4	2
3	MNM	003-01	P	29	54	96,3	96,3	0	99,2	96,3	2,9	21,6	18,6	3	15,9	14,3	1,6
4	C	004-01	P	40	50,5	96,3	97,7	1,4	96,3	96,3	0	17,6	19,8	2,2	15,7	15,6	0,09
5	A	005-01	P	25	52	97,7	96,3	1,4	91,9	96,3	4,3	10,7	12,4	1,7	11	12,6	1,6
6	AR	006-01	P	35	54	101	102	1	111	111	0	9,4	13,6	4,2	9,8	9,7	0,1
7	IN	007-02	L	33	56	99,2	101	1,8	101	102	1	12,7	12,9	0,2	11,7	11,1	0,6
8	FG	008-01	P	29	54,5	102	102	0	97,7	101	3,3	17,2	15,3	1,9	12,8	9,2	3,6
9	YFT	009-01	P	25	50	101	99,2	1,8	99,2	97,7	1,5	27,3	23,1	4,2	17,8	13,2	4,6
10	NH	010-01	P	25	53	108	114	6	105	105	0	18	23,2	5,2	14,3	10,2	4,1
11	ATM	011-01	P	26	52	99,2	101	1,8	104	101	3	16,9	17,3	0,4	15,4	12,6	2,8
12	RR	012-01	P	37	57	108	104	4	106	105	1	18,3	14,3	4	13,9	13,9	0
13	R	013-02	L	26	54	102	102	0	104	102	2	22,4	24,3	1,9	12,6	15,3	2,7
14	WW	014-01	P	25	52	102	104	2	101	101	0	38,2	39	0,79	31,8	28,2	3,6
15	NU	015-01	P	25	54	105	104	1	106	105	1	24,5	23,5	1	23,8	22,9	0,9
16	MJ	016-02	P	24	57,5	97,7	96,3	1,4	99,2	102	2,8	9,8	11,2	1,4	11,3	8,1	3,2
17	MR	017-02	L	23	55	109	108	1	109	106	3	19,7	17,5	2,2	15,3	17,5	2,2
18	BA	018-02	L	24	55	102	101	1	96,3	97,7	1,4	30,5	24,9	5,6	19,5	14,6	4,9
19	MR	019-02	L	20	58	108	106	2	112	111	1	14,1	13	1,1	7,3	8,4	1,1
20	MI	020-02	L	26	54	106	106	0	101	104	3	29,9	29,3	0,59	22,1	19,3	2,8

No.	Nama (Inisial)	Nomor Sampel	JK	Usia (Tahun)	LK	LATENSI (ms)						AMPLITUDO (uV)					
						15			60			15			60		
						OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR
21	IN	021-01	P	34	54	101	102	1	99,2	99,2	0	37,8	32,3	5,5	24,4	24,5	0,1
22	GAF	022-02	L	32	57	104	104	0	102	108	6	25,1	21,2	3,9	13,8	14	0,19
23	AMR	023-02	L	24	54	102	105	3	99,2	105	5,8	18,8	19,7	0,89	8,4	10,4	2
24	MAN	024-02	L	20	56	104	105	1	102	105	3	11,8	12,1	0,29	12,6	8	4,6
25	SH	025-02	L	24	56	97,7	96,3	1,4	102	99,2	2,8	9,7	8,4	1,3	8,5	6,2	2,3
26	SD	026-01	P	22	51	105	105	0	101	102	1	34,3	29	5,3	25	24,9	0,1
27	LF	027-01	P	32	52,5	108	108	0	101	105	4	10,4	12,3	1,9	8,1	10	1,9
28	NQR	028-01	P	30	53	99,2	101	1,8	99,2	102	2,8	19,9	21,8	1,9	18	17,5	0,5
29	MNA	029-02	L	30	56	106	105	1	108	106	2	10,3	11,9	1,6	12,5	11,8	0,69
30	N	030-01	P	24	55	101	106	5	97,7	102	4,3	16,7	17,8	1,1	6,5	8,5	2
31	WY	031-02	L	23	54	109	112	3	111	114	3	14,2	17,4	3,2	7,7	10,5	2,8
32	APA	032-02	L	26	54	102	105	3	105	109	4	17,7	11,6	6,1	11,4	13,9	2,5
33	NS	033-01	P	27	53	104	104	0	101	104	3	36,7	32,7	4	21	21,1	0,1
34	DA	034-01	P	32	53	99,2	96,3	2,9	104	101	3	18,9	17,9	1	11,4	12,6	1,2
35	DP	035-01	P	33	52	106	106	0	101	104	3	30,8	23,2	7,6	31,4	23,8	7,6
36	DPP	036-01	P	34	57	101	97,7	3,3	101	99,2	1,8	15,5	13,1	2,4	11,5	9,6	1,9
37	AH	037-01	P	25	52	102	102	0	101	104	3	27,2	20,5	6,7	18,3	10,8	7,5
38	AS	038-01	P	30	54	105	102	3	99,2	102	2,8	9,6	6,1	3,5	10,2	9,8	0,39
39	H	039-01	P	26	54	102	104	2	102	104	2	11,8	12,1	0,29	17,2	13	4,2
40	EM	040-02	L	42	55	109	111	2	106	105	1	24,1	20,7	3,4	15,5	13,6	1,9
41	AH	041-02	L	25	54	96,3	96,3	0	96,3	96,3	0	22,5	21,7	0,8	14,6	13	1,6
42	Y	042-01	P	44	53	104	104	0	102	105	3	26,3	21,8	4,5	18,4	13,5	4,9

No.	Nama (Inisial)	Nomor Sampel	JK	Usia (Tahun)	LK	LATENSI (ms)						AMPLITUDO (uV)					
						15			60			15			60		
						OD	OS	PERBE DAAN INTERO KULAR	OD	OS	PERBED AAN INTEROK ULAR	OD	OS	PERBED AAN INTERO KULAR	OD	OS	PERBED AAN INTERO KULAR
43	S	043-01	P	32	52,5	102	104	2	97,7	97,7	0	21,1	20,7	0,4	18,3	13,6	4,7
44	D	044-01	P	22	54,5	102	102	0	99,2	99,2	0	24,6	22	2,6	20,6	16,9	3,7
45	INA	045-01	P	23	53	104	102	2	102	105	3	12,8	10,2	2,6	11,6	11,1	0,5
46	MFW	046-01	P	27	55	97,7	99,2	1,5	94,8	97,7	2,9	34,9	31,7	3,2	22,9	17,9	5
47	DL	047-02	L	27	59	99,2	101	1,8	101	104	3	20,9	22,5	1,6	12,8	18,8	6
48	AM	048-02	L	26	54	102	102	0	101	94,8	6,2	16,5	13,8	2,7	12,7	10,9	1,8
49	DP	049-01	P	30	57	96,3	97,7	1,4	101	105	4	12,4	14	1,6	11	9,9	1,1
50	GGR	050-01	L	27	56	109	111	2	111	108	3	21,6	23,2	1,6	16,1	11,1	5
51	RT	051-02	L	32	55	106	106	0	112	115	3	19,8	15	4,8	17	15,8	1,2
52	N	052-01	P	31	55	108	102	6	105	102	3	15,3	15,4	0,09	9	9,2	0,19
53	JP	053-01	P	34	54	105	106	1	106	108	2	14,3	12,9	1,4	13,9	19,6	5,7
54	FAS	054-01	P	32	56	109	109	0	106	106	0	12,2	12,1	0,09	14,2	9,9	4,3
55	HR	055-02	L	26	55	105	105	0	101	105	4	19,9	12,3	7,6	11	7,8	3,2
56	NAS	056-02	L	29	54	104	106	2	105	106	1	9,8	6,7	3,1	13,3	13,3	0
57	JF	057-01	P	28	54,5	108	108	0	101	101	0	24,7	26,8	2,1	17	17,9	0,89
58	AG	058-01	P	27	52,5	104	104	0	104	102	2	24,5	30,1	5,6	20,9	14,4	6,5
59	A	059-02	L	26	56,5	108	106	2	104	104	0	23,7	21,3	2,4	20,1	19,8	0,3
60	IK	060-01	P	33	51	105	106	1	105	105	0	12,8	9,5	3,3	17,3	9,7	7,6
61	RZ	061-02	L	27	58,5	102	102	0	97,7	104	6,3	12,2	6,7	5,5	7,7	5,5	2,2
62	FPA	062-02	L	28	55,5	108	105	3	104	104	0	14,8	16,6	1,8	19,4	17,5	1,9
63	MY	063-02	L	37	55	104	104	0	102	104	2	12,2	10,9	1,3	13,3	12,4	0,9
64	RR	064-01	P	31	54	102	102	0	104	108	4	24,2	17,8	6,4	22,8	20,7	2,1

No.	Nama (Inisial)	Nomor Sampel	JK	Usia (Tahun)	LK	LATENSI (ms)						AMPLITUDO (uV)					
						15			60			15			60		
						OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR	OD	OS	PERBEDAAN INTEROKULAR
65	LA	065-01	P	30	57	99,2	105	5,8	99,2	104	4,8	17,6	12	5,6	16,7	9,4	7,3
66	MI	066-02	L	39	54	104	105	1	99,2	99,2	0	17,8	14,6	3,2	12,2	7,8	4,4
67	D	067-01	P	40	54	90,5	93,4	2,9	97,7	94,8	2,9	15,2	14,7	0,5	12,7	9,7	3
68	M	068-01	P	31	50	93,4	96,3	2,8	94,8	97,7	2,9	15,3	16,7	1,4	17	11,2	5,8
69	N	069-01	P	32	51	102	102	0	109	106	3	20,3	21,1	0,8	13,4	10,4	3
70	MRJ	070-02	L	28	57	104	105	1	102	104	2	17,1	20,4	3,3	10,9	9,1	1,8
71	H	071-01	P	34	54,5	99,2	101	1,8	102	104	2	18,7	16,5	2,2	15,3	14,3	1
72	ITH	072-01	P	31	55	112	111	1	105	105	0	21,8	18,7	3,1	22,5	19,5	3
73	GAM	073-02	L	30	55	112	112	0	111	114	3	14,5	20,3	5,8	10,8	6,4	4,4
74	LM	074-01	P	30	55	97,7	102	4,3	105	106	1	7,7	8,5	0,8	9,4	7	2,4
75	IL	075-01	P	34	55	101	104	3	101	99,2	1,8	7,3	8,6	1,3	7,4	7	0,4
76	H	076-02	L	36	55	111	114	3	97,7	101	3,3	9,6	9,6	0	9,4	9,1	0,3
77	N	077-01	P	30	55	106	106	0	106	109	3	20	25	5	14,4	15,1	0,69
78	AA	078-01	P	30	54,5	105	108	3	104	105	1	14,7	13,1	1,6	11,5	14,8	3,3
79	AG	079-02	L	31	58	108	105	3	102	102	0	23,6	25,6	2	18,3	17,8	0,5
80	SK	080-01	P	32	53	102	106	4	99,2	104	4,8	17	19,6	2,6	14,6	16	1,4
81	S	081-02	L	34	55	111	112	1	105	106	1	31,3	33,6	2,3	15	15,6	0,6
82	IL	082-02	L	33	56,5	106	104	2	102	108	6	13	10,8	2,2	5,3	7,6	2,3
83	H	083-02	L	34	55	104	102	2	104	102	2	6,9	4,6	2,3	10,4	5,9	4,5
84	IH	084-02	L	29	53,5	101	105	4	104	105	1	16,1	20,9	4,8	11,5	12,3	0,8
85	A	085-02	L	32	52	105	106	1	104	104	0	17,9	18,3	0,4	19,4	13,8	5,6
86	SW	086-02	L	39	55	108	112	4	104	106	2	16,8	16,1	0,69	12,8	12,6	0,2

No.	Nama (Inisial)	Nomor Sampel	JK	Usia (Tahun)	LK	LATENSI (ms)						AMPLITUDO (uV)					
						15			60			15			60		
						OD	OS	PERBE DAAN INTERO KULAR	OD	OS	PERBED AAN INTEROK ULAR	OD	OS	PERBED AAN INTERO KULAR	OD	OS	PERBED AAN INTERO KULAR
87	SW	087-01	P	34	57	101	102	1	104	102	2	17,5	18,3	0,8	10,3	10,3	0
88	NS	088-01	P	31	57	104	112	8	101	105	4	11,7	12,2	0,5	9,6	9,9	0,3
89	MR	089-02	L	29	55	102	105	3	101	105	4	17,1	15,8	1,3	14,5	13,1	1,4
90	A	090-02	L	37	57	106	97,7	8,3	102	93,4	8,5	7,6	7,8	0,2	9	7,6	1,4
91	MY	091-02	L	40	56	104	105	1	101	102	1	12,9	10,5	2,4	15,1	14,2	0,9
92	S	092-02	L	27	55,5	102	105	3	101	104	3	10,9	12,4	1,5	15,3	11,7	3,6
93	RH	093-02	L	34	53	108	106	2	105	106	1	25,3	24,9	0,4	19,9	17,4	2,5
94	W	094-02	L	44	55	109	105	4	102	104	2	13,8	14,9	1,1	11,7	11,9	0,2
95	MR	095-02	L	41	54	105	105	0	104	105	1	16,7	12,5	4,2	11,4	12,3	0,9
96	M	096-02	L	44	58	99,2	99,2	0	99,2	101	1,8	8,3	9,2	0,89	14,2	8,6	5,6
97	HG	097-02	L	33	59	104	105	1	101	105	4	15,2	16,2	1	14	12,1	1,9
98	MF	098-92	L	40	54,5	97,7	101	3,3	97,7	99,2	1,5	7,7	10,2	2,5	11,7	10,9	0,79
99	S	099-02	L	35	53,5	99,2	101	1,8	97,7	96,3	1,4	12,8	16,4	3,6	6,8	11,5	4,7
100	MI	100-02	L	32	57,5	105	104	1	102	101	1	12,5	13,9	1,4	15,1	13,9	1,2

## LAMPIRAN 4. Statistik Penelitian

Tests of Normality Usia						
Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,113	50	,131	,963	50	,122
Perempuan	,114	50	,110	,958	50	,075

a. Lilliefors Significance Correction

### Independent Samples T Test Usia

	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
Equal variances assumed	6,501	,012	,496	98	,621	,540	1,088	-1,619	2,699
Equal variances not assumed			,496	90,747	,621	,540	1,088	-1,622	2,702

### Tests of Normality Lingkar Kepala

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,191	50	,000	,947	50	,027
Perempuan	,118	50	,080	,957	50	,069

a. Lilliefors Significance Correction

### Test Statistics Lingkar Kepala<sup>a</sup>

	Lingkar Kepala Responden (Cm)
Mann-Whitney U	608,000
Wilcoxon W	1883,000
Z	-4,465
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: Jenis Kelamin Responden

### Statistics Latensi P100

	Nilai Latensi OD 15 min	Nilai Latensi OS 15 Min	Nilai Latensi OD 60	Nilai Latensi OS 60	Rata-Rata Latensi 15 min	Rata-Rata Latensi 60 min
N Valid	100	100	100	100	100	100
Missing	0	0	0	0	0	0
Mean	103,3910	103,9090	102,3140	103,3140	103,6400	102,7895
Median	104,0000	104,0000	102,0000	104,0000	104,0000	103,0000
Std. Deviation	4,12822	4,19408	3,88769	4,08590	3,97418	3,77295
Variance	17,042	17,590	15,114	16,695	15,794	14,235
Minimum	90,50	93,40	91,90	93,40	91,95	94,10
Maximum	112,00	114,00	112,00	115,00	112,50	113,50

### Statistics Amplitudo P100

	Nilai Amplitudo OD 15	Nilai Amplitudo OS 15	Nilai Amplitudo OD 60	Nilai Amplitudo OS60	Rata-Rata Amplitudo 15 min	Rata-Rata Amplitudo 60 Min
N Valid	100	100	100	100	100	100
Missing	0	0	0	0	0	0
Mean	18,0900	17,4300	14,5110	13,1150	17,7600	13,8130
Median	17,1000	16,4500	13,9000	12,6000	16,4500	13,4000
Std. Deviation	7,14320	6,87956	5,04042	4,55535	6,83586	4,60624
Variance	51,025	47,328	25,406	20,751	46,729	21,217
Minimum	6,90	4,60	5,30	5,50	5,75	6,45
Maximum	38,20	39,00	31,80	28,20	38,60	30,00

### Tests of Normality Latensi OD 15

Jenis Responden	Kelamin	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki		,116	50	,092	,970	50	,231
Perempuan		,114	50	,117	,976	50	,409

a. Lilliefors Significance Correction

### Independent Samples T Test Latensi OD 15

	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
Equal variances assumed	,213	,646	2,572	98	,012	2,06600	,80318	,47212	3,65988
Equal variances not assumed			2,572	97,013	,012	2,06600	,80318	,47192	3,66008

### Tests of Normality Latensi OS 15

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,209	50	,000	,919	50	,002
Perempuan	,133	50	,028	,973	50	,308

a. Lilliefors Significance Correction

### Test Statistics<sup>a</sup> Latensi OS 15

	Nilai Latensi OS 15 Min
Mann-Whitney U	979,500
Wilcoxon W	2254,500
Z	-1,880
Asymp. Sig. (2-tailed)	,060

a. Grouping Variable: Jenis Kelamin Responden

### Tests of Normality Latensi Rata-rata 15 Min

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,097	50	,200*	,972	50	,268
Perempuan	,098	50	,200*	,988	50	,875

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

a. Lilliefors Significance Correction

#### Independent Samples T Test Latensi Rata-rata 15 Min

	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
Equal variances assumed	,467	,496	2,260	98	,026	1,76000	,77885	,21440	3,30560
Equal variances not assumed			2,260	97,419	,026	1,76000	,77885	,21429	3,30571

#### Tests of Normality Latensi OD 60

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,185	50	,000	,917	50	,002
Perempuan	,122	50	,063	,976	50	,402

a. Lilliefors Significance Correction

#### Test Statistics<sup>a</sup> Latensi OD 60

	Nilai Latensi OD 60
Mann-Whitney U	1098,000
Wilcoxon W	2373,000
Z	-1,057
<b>Asymp. Sig. (2-tailed)</b>	<b>,290</b>

a. Grouping Variable: Jenis Kelamin Responden

#### Tests of Normality Latensi OS 60

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,158	50	,003	,952	50	,041
Perempuan	,156	50	,004	,965	50	,143

a. Lilliefors Significance Correction

#### Test Statistics<sup>a</sup> Latensi OS 60

	Nilai Latensi OS 60
Mann-Whitney U	1064,000
Wilcoxon W	2339,000

Z		-1,293
Asymp. Sig. (2-tailed)		,196

a. Grouping Variable: Jenis Kelamin Responden

#### Tests of Normality Latensi Rata-rata 60

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,134	50	,026	,946	50	,023
Perempuan	,113	50	,149	,987	50	,854

a. Lilliefors Significance Correction

#### Test Statistics<sup>a</sup> Latensi Rata-rata 60

	Rata-Rata Latensi 60 min
Mann-Whitney U	1072,000
Wilcoxon W	2347,000
Z	-1,230
Asymp. Sig. (2-tailed)	,219

a. Grouping Variable: Jenis Kelamin Responden

#### Tests of Normality Amplitudo OD 15

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,083	50	,200*	,961	50	,102
Perempuan	,115	50	,096	,940	50	,014

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

a. Lilliefors Significance Correction

#### Independent Samples T Test Amplitudo OD 15

	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
Equal variances assumed	1,874	,174	-,976	98	,332	-,37200	,38127	-1,12862	,38462
Equal variances not assumed			-,976	96,054	,332	-,37200	,38127	-1,12881	,38481

### Tests of Normality Amplitudo OS 15

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,088	50	,200*	,974	50	,323
Perempuan	,087	50	,200*	,954	50	,048

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

a. Lilliefors Significance Correction

### Independent Samples T Test Amplitudo OS 15

	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
Equal variances assumed	,961	,329	-2,068	98	,041	-2,80000	1,35368	-5,48634	-,11366
Equal variances not assumed			-2,068	95,392	,041	-2,80000	1,35368	-5,48725	-,11275

### Tests of Normality Amplitudo Rata-rata 15 min

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,091	50	,200*	,968	50	,192
Perempuan	,104	50	,200*	,951	50	,036

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

a. Lilliefors Significance Correction

### Independent Samples T Test Amplitudo Rata-rata 15 min

	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
Equal variances assumed	2,291	,133	-2,162	98	,033	-2,90200	1,34250	-5,56614	-,23786
Equal variances not assumed			-2,162	93,643	,033	-2,90200	1,34250	-5,56769	-,23631

### Tests of Normality Amplitudo OD 60

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,083	50	,200*	,980	50	,567
Perempuan	,087	50	,200*	,951	50	,038

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

a. Lilliefors Significance Correction

### Independent Samples T Test Amplitudo OD 60

	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
Equal variances assumed	7,397	,008	-2,668	98	,009	-2,61000	,97831	-4,55143	,66857
Equal variances not assumed			-2,668	84,666	,009	-2,61000	,97831	-4,55525	,66475

### Tests of Normality Amplitudo OS 60

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,076	50	,200*	,976	50	,387
Perempuan	,133	50	,028	,919	50	,002

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

a. Lilliefors Significance Correction

### Test Statistics<sup>a</sup> Amplitudo OS 60

	Nilai Amplitudo OS60
Mann-Whitney U	1025,500
Wilcoxon W	2300,500
Z	-1,548
Asymp. Sig. (2-tailed)	,122

a. Grouping Variable: Jenis Kelamin Responden

**Tests of Normality Amplitudo Rata-rata OS 60**

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,077	50	,200	,980	50	,535
Perempuan	,125	50	,049	,940	50	,014

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

a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup> Amplitudo Rata – rata OS 60**

	Rata-Rata Amplitudo 60 Min
Mann-Whitney U	950,500
Wilcoxon W	2225,500
Z	-2,065
<b>Asymp. Sig. (2-tailed)</b>	<b>,039</b>

a. Grouping Variable: Jenis Kelamin Responden

**Tests of Normality Perbedaan Latensi Introkular 15 min**

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,157	50	,004	,841	50	,000
Perempuan	,171	50	,001	,859	50	,000

a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup> Perbedaan Latensi Introkular 15 min**

	Beda Latensi OD OS 15
Mann-Whitney U	1245,500
Wilcoxon W	2520,500
Z	-,032
<b>Asymp. Sig. (2-tailed)</b>	<b>,975</b>

a. Grouping Variable: Jenis Kelamin Responden

**Tests of Normality Perbedaan Latensi Interokular 60 min**

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,162	50	,002	,900	50	,000
Perempuan	,179	50	,000	,904	50	,001

a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup> Perbedaan Latensi Interokular 60 min**

	Beda Latensi OD OS 60
Mann-Whitney U	1191,500
Wilcoxon W	2466,500
Z	-,407
<b>Asymp. Sig. (2-tailed)</b>	<b>,684</b>

a. Grouping Variable: Jenis Kelamin Responden

**Tests of Normality Perbedaan Amplitudo Interokular 15 min**

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,133	50	,027	,920	50	,002
Perempuan	,128	50	,040	,926	50	,004

a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup> Perbedaan Amplitudo Interokular 15 min**

	Beda Amplitudo OD OS 15
Mann-Whitney U	1140,500
Wilcoxon W	2415,500
Z	-,755
<b>Asymp. Sig. (2-tailed)</b>	<b>,450</b>

a. Grouping Variable: Jenis Kelamin Responden

**Tests of Normality Perbedaan Amplitudo Interokular 60 min**

Jenis Kelamin Responden	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Laki-Laki	,121	50	,064	,919	50	,002
Perempuan	,133	50	,027	,904	50	,001

a. Lilliefors Significance Correction

**Test Statistics<sup>a</sup> Perbedaan Amplitudo Interokular 60 min**

	Beda Amplitudi OD OS 60
Mann-Whitney U	1236,500
Wilcoxon W	2511,500
Z	-,093
<b>Asymp. Sig. (2-tailed)</b>	<b>,926</b>

a. Grouping Variable: Jenis Kelamin Responden

**Statistics Interval Latensi P100 Laki-Laki**

		Nilai Latensi OD 15 min	Nilai Latensi OS 15 Min	Nilai Latensi OD 60 min	Nilai Latensi OS 60 min
N	Valid	50	50	50	50
	Missing	0	0	0	0
Percentiles	2,5	96,6850	96,3000	96,3000	93,7850
	<b>97,5</b>	<b>111,7250</b>	<b>113,4500</b>	<b>112,0000</b>	<b>114,7250</b>

**Statistics Interval Latensi P100 Perempuan**

	Nilai Latensi OD 15 min	Nilai Latensi OS 15 Min	Nilai Latensi OD 60 min	Nilai Latensi OS 60 min

N	Valid	50	50	50	50
	Missing	0	0	0	0
Percentiles	2,5	91,2975	94,1975	92,6975	95,2125
	<b>97,5</b>	<b>111,1750</b>	<b>113,4500</b>	<b>110,4500</b>	<b>110,4500</b>

**Statistics Interval Amplitudo P100 Laki-Laki**

		Nilai Amplitudo OD 15	Nilai Amplitudo OS 15	Nilai Amplitudo OD 60	Nilai Amplitudo OS 60
N	Valid	50	50	50	50
	Missing	0	0	0	0
Percentile	2,5	7,0925	5,1775	5,7125	5,6100
s	<b>97,5</b>	<b>31,0800</b>	<b>32,4175</b>	<b>21,5500</b>	<b>19,6625</b>

**Statistics Interval Amplitudo P100 Perempuan**

		Nilai Amplitudo OD 15	Nilai Amplitudo OS 15	Nilai Amplitudo OD 60	Nilai Amplitudo OS60
N	Valid	50	50	50	50
	Missing	0	0	0	0
Percentile	2,5	7,4100	6,7600	6,7475	7,0000
s	<b>97,5</b>	<b>38,0900</b>	<b>37,2675</b>	<b>31,6900</b>	<b>27,2925</b>

**Statistics Interval Perbedaan Interokular Laki-Laki**

		Beda Latensi OD OS 15	Beda Latensi OD OS 60	Beda Amplitudo OD OS 15	Beda Amplitudi OD OS 60
N	Valid	50	50	50	50
	Missing	0	0	0	0
Percentiles	2,5	,0000	,0000	,0550	,0550
	<b>97,5</b>	<b>7,1175</b>	<b>7,9675</b>	<b>7,1875</b>	<b>5,8900</b>

**Statistics Interval Perbedaan Interokular Perempuan**

		Beda Latensi OD OS 15	Beda Latensi OD OS 60	Beda Amplitudo OD OS 15	Beda Amplitudi OD OS 60
N	Valid	50	50	50	50
	Missing	0	0	0	0
	Percentiles	2,5 <b>97,5</b>	,0000 <b>7,4500</b>	,0000 <b>4,8000</b>	,1000 <b>7,4900</b> <b>7,6000</b>

## **CURRICULUM VITAE**

### **A. Data Pribadi**

1. Nama : dr. Dewi Nugrahwati Putri
2. Tempat, tanggal lahir : Atula, 23 Agustus 1986
3. Alamat : Jl. Saranani Lrg. Kolono No. 15  
Kendari, Sulawesi Tenggara
4. Kewarganegaraan : Indonesia

### **B. Riwayat Pendidikan**

1. Tamat SMA tahun 2004 di SMA Negeri 1 Kendari
2. Sarjana (S1) tahun 2008 di Fakultas Kedokteran Universitas Hasanuddin
3. Profesi Dokter tahun 2012 di Fakultas Kedokteran Universitas Hasanuddin

### **C. Pekerjaan**

- Jenis Pekerjaan : Dosen
- Unit Kerja : Fakultas Kedokteran Universitas Halu Oleo, Kendari
- NIP : 198608232015042002

### **D. Karya ilmiah yang telah dipublikasikan**

- Putri, D.N., Rahmah, M.N., Muhiddin, H.S., & Baso, A.J., 2021. Grade III Lipemia Retinalis in Premature Infant with Hyperlipidemia: A Rare Case. Turkish Journal of Physiotherapy and Rehabilitation; 32(3): 24527 – 24531