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REKOMENDASI PERSETUJUAN ETIK

Nomor : 766/UN4.6.4.5.31/ PP36/ 2020

Tanggal: 23 Nopember 2020

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

No Protokol	UH20110626		No Sponsor	Protokol
Peneliti Utama	dr. Juliet Christy Gunawan Umbas		Sponsor	
Judul Peneliti	Efek Repetitive Transcranial Magnetic Stimulation Terhadap Kadar Vascular Endothelial Growth Factor Pada Pasien Stroke Iskemik			
No Versi Protokol	1		Tanggal Versi	4 Nopember 2020
No Versi PSP			Tanggal Versi	
Tempat Penelitian	Laboratorium HUM-RC RS Universitas Hasanuddin Makassar			
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal		Masa Berlaku 23 Nopember 2020 sampai 23 Nopember 2021	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)		Tanda tangan 	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)		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

FORMULIR PENELITIAN

Efek Mirror Therapy Kombinasi Repetitive Transcranial Magnetic Stimulation Terhadap Perbaikan Fungsional Motorik Lengan Pada Pasien Stroke Iskemik Akut

IDENTITAS PASIEN

Nama inisial :
Rumah Sakit :
Rekam Medis :
Jenis Kelamin :
Tanggal lahir :
Berat badan :
Tinggi Badan :
IMT :
Tanggal pemeriksaan :
Pekerjaan :
Pendidikan :
Alamat :
Suku bangsa :
No. HP/ telp :

DATA PENYAKIT

Onset :
Gejala utama :
Alkoholik :
Riwayat Trauma kapitis :
Riwayat pengobatan :
Merokok :
Durasi :
Hipertensi :
Durasi :
Pengobatan :
Hipercolestolemia :
Durasi :
Pengobatan :
Riwayat Penyakit jantung :

Jenis penyakit jantung :
Pengobatan :

Tanda vital

TD	:
Nadi	:
Suhu	:
Pernafasan	:
GCS	:

DATA PEMERIKSAAN PENUNJANG

1. Kadar VEGF sebelum :
2. Kadar VEGF sesudah :
3. CT scan kepala :

Lampiran 3

NASKAH PENJELASAN KEPADA SUBJEK

Selamat pagi Bapak/Ibu.

Perkenalkan saya dr. Juliet Christy Gunawan Umbas dari Departemen Ilmu Penyakit Saraf Fakultas Kedokteran UNHAS, yang akan melakukan penelitian dalam bentuk pengambilan sampel darah untuk mengetahui efek rTMS terhadap kadar VEGF Bapak/Ibu. Pengambilan sampel darah ini tidak dipungut biaya, untuk biaya ditanggung oleh peneliti.

Kami akan bertanya mengenai identitas (nama, alamat, umur, jenis kelamin, pekerjaan, riwayat penyakit sebelumnya), melakukan tanya jawab mengenai penyakit, melakukan pemeriksaan fisik, pemeriksaan CT Scan kepala untuk menentukan tipe stroke. Sebelum dilakukan rTMS akan dilakukan pengambilan sampel darah pertama untuk mengukur kadar VEGF total plasma. Kami akan memberikan intervensi dengan *repetitive transcranial magnetic stimulation* (rTMS) sebanyak 2 sesi selama 10 hari. Setelah semua sesi terapi selesai kami akan mengambil sampel darah kedua.

Kami akan mencatat dan menganalisa semua data yang sudah kami peroleh, hasil dari analisa akan kami publikasikan tanpa membuka informasi data pribadi subyek penelitian. Kerahasiaan data dijamin dan hanya diketahui oleh peneliti dan komisi etik. Hasil penelitian ini diharapkan dapat menjadi informasi ilmiah untuk meningkatkan pengobatan stroke iskemik akut, sehingga didapatkan angka kecacatan yang rendah, kualitas hidup yang lebih baik pada penderita stroke iskemik akut.

Keikutsertaan Bapak/Ibu dalam penelitian ini bersifat sukarela tanpa paksaan, karena itu bila Bapak/Ibu menolak ikut atau berhenti ikut pada penelitian ini tidak akan mengurangi atau kehilangan hak untuk mendapatkan pelayanan kesehatan standar rutin sesuai dengan penyakit yang Bapak/Ibu derita serta mendapat obat yang diperlukan.

Bila masih ada hal-hal yang ingin Bapak/Ibu ketahui, atau masih ada hal-hal yang belum jelas, maka Bapak/Ibu bisa bertanya dan meminta

penjelasan kami di Poliklinik Saraf Departemen ilmu Penyakit saraf RS dr. Wahidin Sudirohusodo, atau secara langsung melalui no. HP peneliti : 08114933388

Demikian penjelasan saya, jika Bapak/Ibu bersedia untuk berpartisipasi, diharapkan menandatangani surat persetujuan mengikuti penelitian. Atas kesediaan dan kerjasamanya diucapkan banyak terima kasih.

Identitas Peneliti :

Nama : dr. Juliet Christy Gunawan Umbas

Alamat : Jl. Hertasning IV No. 1, Makassar

Telepon : 08114933388

**DISETUJUI OLEH
KOMISI ETIK PENELITIAN
KESEHATAN
FAK. KEDOKTERAN
UNHAS**

Tgl.....

Lampiran 4

FORMULIR PERSETUJUAN MENGIKUTI PENELITIAN

Saya yang bertanda tangan di bawah ini :

Nama :.....

Umur :.....

Alamat :.....

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat 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 tanpa kehilangan hak saya untuk mendapat pelayanan kesehatan. Juga 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.

Bila terjadi perbedaan pendapat dikemudian hari kami akan menyelesaiannya secara kekeluargaan.

	NAMA	TANDA TANGAN	TGL/BLN/THN
Klien
Saksi 1
Saksi 2

Penanggung jawab penelitian	Penanggung Jawab Medis
Nama : dr. Juliet Christy Gunawan Umbas	Nama : dr. Andi Kurnia Bintang,Sp.S(K), MARS
Alamat : Jl. Hertasning IV No.1	Alamat. : Jl. Hertasning III No.14
Telepon : 08114933388	Telepon : 08114440228

Lampiran 5 Data Mentah

No Sampel	Inisial	Perlakuan / Kontrol	Kode RS	JK (L/P)	Usia	Onset (bulan)	VEGF pre (ng/L)	VEGF post (ng/L)	Perubahan kadar VEGF pre & post
1	AD	P	WS	L	53	0,5	384,45	229,26	-155,19
3	H (1)	P	IS	P	69	2,0	163,29	40,86	-122,43
4	A (1)	P	IS	L	61	0,5	904,82	153,35	-751,47
8	DD	P	WS	L	62	1,0	114,64	182,24	67,6
11	R (1)	P	H	P	47	0,5	158,03	176,71	18,68
12	A (2)	P	WS	L	49	1,0	114,06	152,77	38,71
14	N	P	RSH	P	49	3,0	91,96	101,69	9,73
15	W	P	RSH	P	44	2,0	146,33	191,56	45,23
16	H (2)	P	RSHj	P	44	2,0	195,92	158,32	-37,6
17	C	P	RSUH	P	47	1,0	84,88	261,28	176,4
24	AR	P	RSWS	L	56	1,0	139,89	435,65	295,76
25	N (2)	P	RSWS	P	56	1,0	208,69	1467,83	1259,14
26	D	P	RSWS	L	56	1,0	791,99	185,74	-606,25
27	R (4)	P	RSWS	P	55	2,0	67,73	162,12	94,39
7	(C.1) KM	K	WS	P	60	1,0	121,99	96,68	-25,31

18	(C.2) R(3)	K	RSHj	L	54	0,5	168,25	216,23	47,98
19	(C.3) S(2)	K	RSWS	P	69	0,5	119,35	175,83	56,48
20	(C.4) S(3)	K	RSWS	L	69	3,0	47,27	198,53	151,26
21	(C.5) PL	K	RSWS	L	69	2,0	760,24	1021,91	261,67
22	(C.6) H(3)	K	RSWS	P	46	2,0	428,92	105,82	-323,1
29	AK	K	RSWS	L	51	1,0	132,27	194,75	62,48
30	YN	K	RSWS	L	60	1,0	131,68	85,76	-45,92
31	AG	K	RSWS	L	62	1	228,39	280,82	52,43
32	HA	K	RSWS	L	50	2	123,75	137,25	13,5
33	AJ	K	RSWS	L	62	1	623,56	335,12	-288,44
34	MP	K	RSWS	L	67	1	140,18	298,02	157,84
35	SS	K	RSWS	L	62	0,5	255,52	161,54	-93,98
36	AN	K	RSWS	P	54	0,5	270,48	325,15	54,67

Lampiran 6 Analisis Statistik Penelitian

Descriptives					
	JKstring			Statistic	Std. Error
VEGFp re	L	Mean		316.3100	71.3916 6
		95% Confidence Interval for Mean		Lower Bound	164.1423
				Upper Bound	468.4777
		5% Trimmed Mean		298.5617	
		Median		154.2150	
		Variance		81548.30 3	
		Std. Deviation		285.5666 3	
		Minimum		47.27	
		Maximum		904.82	
		Range		857.55	
		Interquartile Range		438.05	
		Skewness		1.170	.564
		Kurtosis		-.208	1.091
P	P	Mean		171.4642	28.6954 5
		95% Confidence Interval for Mean		Lower Bound	108.3059
				Upper Bound	234.6224
		5% Trimmed Mean		162.9241	
		Median		152.1800	
		Variance		9881.145	
		Std. Deviation		99.40395	
		Minimum		67.73	
		Maximum		428.92	
		Range		361.19	
		Interquartile Range		106.69	
		Skewness		1.727	.637

		Kurtosis	3.580	1.232
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Descriptives					
	1=<45; 2=46-54, 3=55-64, 4=>65			Statistic	Std. Error
VEGF pre	1.00	Mean		171.1250	24.79500
		95% Confidence Interval for Mean	Lower Bound	-	
			Upper Bound	143.9253	
		5% Trimmed Mean		.	
		Median		171.1250	
		Variance		1229.584	
		Std. Deviation		35.06543	
		Minimum		146.33	
		Maximum		195.92	
		Range		49.59	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	2.00	Mean		195.7050	38.97165
		95% Confidence Interval for Mean	Lower Bound	107.5450	
			Upper Bound	283.8650	
		5% Trimmed Mean		188.9056	
		Median		145.1500	
		Variance		15187.89	
				2	
		Std. Deviation		123.2391	
				7	
		Minimum		84.88	
		Maximum		428.92	
		Range		344.04	
		Interquartile Range		190.44	
		Skewness		1.195	.687
		Kurtosis		.028	1.334
	3.00	Mean		326.2636	90.17009
		95% Confidence Interval for Mean	Lower Bound	125.3522	

			Upper Bound	527.1751	
		5% Trimmed Mean			308.4846
		Median			208.6900
		Variance			89437.09
					6
		Std. Deviation			299.0603
					5
		Minimum			67.73
		Maximum			904.82
		Range			837.09
		Interquartile Range			501.57
		Skewness			1.229
		Kurtosis			-.086
	4.00	Mean			246.0660
		95% Confidence Interval for Mean	Lower Bound	-	130.0029
			Upper Bound	114.8801	6
		5% Trimmed Mean			228.5450
		Median			140.1800
		Variance			84503.85
					2
		Std. Deviation			290.6954
					6
		Minimum			47.27
		Maximum			760.24
		Range			712.97
		Interquartile Range			378.46
		Skewness			2.108
		Kurtosis			.913
					4.584
					2.000

Descriptives					
	1=0.5; 2=1; 3=2; 4=3			Statistic	Std. Error
VEGFp re	1.00	Mean		322.9857	102.6132
		95% Confidence Interval for Mean	Lower Bound	71.9000	9

		Upper Bound	574.0714	
	5% Trimmed Mean		301.9747	
	Median		255.5200	
	Variance		73706.41	
			7	
	Std. Deviation		271.4892	
			6	
	Minimum		119.35	
	Maximum		904.82	
	Range		785.47	
	Interquartile Range		226.42	
	Skewness		2.100	.794
	Kurtosis		4.709	1.587
2.00	Mean		236.0183	65.46024
	95% Confidence Interval for Mean	Lower Bound	91.9413	
		Upper Bound	380.0954	
	5% Trimmed Mean		213.5276	
	Median		136.0800	
	Variance		51420.51	
			9	
	Std. Deviation		226.7609	
			3	
	Minimum		84.88	
	Maximum		791.99	
	Range		707.11	
	Interquartile Range		106.99	
	Skewness		2.035	.637
	Kurtosis		3.096	1.232
3.00	Mean		269.4543	92.58974
	95% Confidence Interval for Mean	Lower Bound	42.8954	
		Upper Bound	496.0132	
	5% Trimmed Mean		253.3953	
	Median		163.2900	
	Variance		60010.01	
			6	

		Std. Deviation	244.9694	
			2	
		Minimum	67.73	
		Maximum	760.24	
		Range	692.51	
		Interquartile Range	305.17	
		Skewness	1.706	.794
		Kurtosis	2.525	1.587
4.00	Mean		69.6150	22.34500
	95% Confidence Interval for Mean	Lower Bound	-214.3051	
		Upper Bound	353.5351	
	5% Trimmed Mean		.	
	Median		69.6150	
	Variance		998.598	
	Std. Deviation		31.60060	
	Minimum		47.27	
	Maximum		91.96	
	Range		44.69	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.

Ranks				
	JK	N	Mean Rank	Sum of Ranks
SelisihVEGF	Laki-laki	6	3.50	21.00
	2.00	0 ^a	.00	.00
	Total	6		

Ranks				
	JK	N	Mean Rank	Sum of Ranks
SelisihVEGF	Perempuan	8	8.50	68.00
	Laki-laki	6	6.17	37.00
	Total	14		

Test Statistics^a	
	SelisihVEGF
Mann-Whitney U	16.000
Wilcoxon W	37.000

Z	-1.033
Asymp. Sig. (2-tailed)	.302
Exact Sig. [2*(1-tailed Sig.)]	.345 ^b

Ranks			
	1=<45; 2=46-54, 3=55-64, 4=>65	N	Mean Rank
SelisihVEGF	1.00	2	7.00
	2.00	5	7.20
	3.00	6	8.50
	4.00	1	4.00
	Total	14	

Test Statistics^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	1.097
df	3
Asymp. Sig.	.778

Ranks			
	1=0.5; 2=1; 3=2; 4=3	N	Mean Rank
SelisihVEGF	1.00	3	3.67
	2.00	6	9.83
	3.00	4	7.25
	4.00	1	6.00
	Total	14	

Test Statistics^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	4.529
df	3
Asymp. Sig.	.210

Ranks				
	JK	N	Mean Rank	Sum of Ranks
SelisihVEGF	Perempuan	4	5.50	22.00
	Laki-laki	10	8.30	83.00
	Total	14		

Test Statistics^a	
	SelisihVEGF
Mann-Whitney U	12.000
Wilcoxon W	22.000
Z	-1.131
Asymp. Sig. (2-tailed)	.258
Exact Sig. [2*(1-tailed Sig.)]	.304 ^b

Ranks			
	1=<45; 2=46-54, 3=55-64, 4=>65	N	Mean Rank
SelisihVEGF	2.00	5	6.00
	3.00	5	5.40
	4.00	4	12.00
	Total	14	

Test Statistics^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	6.531
df	2
Asymp. Sig.	.038

Ranks			
	1=0.5; 2=1; 3=2; 4=3	N	Mean Rank
SelisihVEGF	1.00	4	8.50
	2.00	6	6.50
	3.00	3	6.67
	4.00	1	12.00
	Total	14	

Test Statistics^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	1.848
df	3
Asymp. Sig.	.605

Descriptives				
	1=laki-laki, 2=perempuan		Statistic	Std. Error
VEGF pre	1.00	Mean		408.3083
		95% Confidence Interval for Mean	Lower Bound	33.0925
			Upper Bound	783.5241
		5% Trimmed Mean		397.0715
		Median		262.1700
		Variance		127835.250
		Std. Deviation		357.54056
		Minimum		114.06
		Maximum		904.82
		Range		790.76
	2.00	Interquartile Range		705.70
		Skewness		.714 .845
		Kurtosis		-1.856 1.741
		Mean		139.6038 18.57451
		95% Confidence Interval for Mean	Lower Bound	95.6820
			Upper Bound	183.5255
		5% Trimmed Mean		139.7586
		Median		152.1800
		Variance		2760.098
		Std. Deviation		52.53664
VEGF post	1.00	Minimum		67.73
		Maximum		208.69
		Range		140.96
		Interquartile Range		101.11
		Skewness		-.151 .752
		Kurtosis		-1.566 1.481
		Mean		223.1683 44.00458
		95% Confidence Interval for Mean	Lower Bound	110.0510
			Upper Bound	336.2857
		5% Trimmed Mean		215.2748
		Median		183.9900
		Variance		11618.420

		Std. Deviation	107.78878	
		Minimum	152.77	
		Maximum	435.65	
		Range	282.88	
		Interquartile Range	127.65	
		Skewness	2.104	.845
		Kurtosis	4.596	1.741
	2.00	Mean	320.0463	165.54216
	95% Confidence Interval for Mean	Lower Bound	-71.3987	
		Upper Bound	711.4912	
		5% Trimmed Mean	271.7908	
		Median	169.4150	
		Variance	219233.643	
		Std. Deviation	468.22392	
		Minimum	40.86	
		Maximum	1467.83	
		Range	1426.97	
		Interquartile Range	128.00	
		Skewness	2.721	.752
		Kurtosis	7.554	1.481
Selisih VEGF	1.00	Mean	-185.1400	167.75095
	95% Confidence Interval for Mean	Lower Bound	-616.3575	
		Upper Bound	246.0775	
		5% Trimmed Mean	-180.3939	
		Median	-58.2400	
		Variance	168842.289	
		Std. Deviation	410.90423	
		Minimum	-751.47	
		Maximum	295.76	
		Range	1047.23	
		Interquartile Range	767.20	
		Skewness	-.509	.845
		Kurtosis	-1.477	1.741
	2.00	Mean	180.4425	157.20075
		95% Confidence	Lower	-191.2782

		Interval for Mean	Bound		
			Upper Bound	552.1632	
		5% Trimmed Mean		137.3411	
		Median		31.9550	
		Variance		197696.605	
		Std. Deviation		444.63086	
		Minimum		-122.43	
		Maximum		1259.14	
		Range		1381.57	
		Interquartile Range		181.67	
		Skewness		2.610	.752
		Kurtosis		7.088	1.481

Descriptives^{a,b,c}					
		1=<45, 46-54=2,55-64=3,>65=4	Statistic	Std. Error	
VEGF pre	1.00	Mean		171.1250	24.79500
		95% Confidence	Lower Bound	-143.9253	
		Interval for Mean	Upper Bound	486.1753	
		5% Trimmed Mean		.	
		Median		171.1250	
		Variance		1229.584	
		Std. Deviation		35.06543	
		Minimum		146.33	
		Maximum		195.92	
		Range		49.59	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
		Mean		166.6760	55.92038
VEGF post	2.00	95% Confidence	Lower Bound	11.4161	
		Interval for Mean	Upper Bound	321.9359	
		5% Trimmed Mean		159.1217	
		Median		114.0600	
		Variance		15635.445	
		Std. Deviation		125.04177	
		Minimum		84.88	
		Maximum		384.45	
		Range		299.57	
		Interquartile Range		182.82	
		Skewness		1.964	.913
		Kurtosis		3.928	2.000
		Mean		371.2933	152.71382
		95% Confidence	Lower Bound	-21.2701	
		Interval for Mean	Upper Bound	763.8567	
VEGF change	3.00	5% Trimmed Mean		358.5176	
		Median		174.2900	
		Variance		139929.073	
		Std. Deviation		374.07095	

		Minimum	67.73	
		Maximum	904.82	
		Range	837.09	
		Interquartile Range	717.29	
		Skewness	.944	.845
		Kurtosis	-1.647	1.741
VEGF post	1.00	Mean	174.9400	16.62000
		95% Confidence Interval for Mean	Lower Bound Upper Bound	-36.2371 386.1171
		5% Trimmed Mean	.	
		Median	174.9400	
		Variance	552.449	
		Std. Deviation	23.50423	
		Minimum	158.32	
		Maximum	191.56	
		Range	33.24	
		Interquartile Range	.	
		Skewness	.	.
		Kurtosis	.	.
		Mean	184.3420	28.12781
		95% Confidence Interval for Mean	Lower Bound Upper Bound	106.2467 262.4373
VEGF post	2.00	5% Trimmed Mean	184.6594	
		Median	176.7100	
		Variance	3955.869	
		Std. Deviation	62.89570	
		Minimum	101.69	
		Maximum	261.28	
		Range	159.59	
		Interquartile Range	118.04	
		Skewness	-.085	.913
		Kurtosis	-1.069	2.000
		Mean	431.1550	211.85356
		95% Confidence Interval for Mean	Lower Bound Upper Bound	-113.4319 975.7419
		5% Trimmed Mean	388.9956	
		Median	183.9900	
Selisih VEGF	1.00	Variance	269291.582	
		Std. Deviation	518.93312	
		Minimum	153.35	
		Maximum	1467.83	
		Range	1314.48	
		Interquartile Range	533.77	
		Skewness	2.239	.845
		Kurtosis	5.079	1.741
		Mean	3.8150	41.41500
		95% Confidence Interval for Mean	Lower Bound Upper Bound	-522.4125 530.0425
		5% Trimmed Mean	.	
		Median	3.8150	
		Variance	3430.404	
		Std. Deviation	58.56965	
		Minimum	-37.60	
		Maximum	45.23	

	Range	82.83	
	Interquartile Range	.	
	Skewness	.	.
	Kurtosis	.	.
2.00	Mean	17.6660	52.71742
	95% Confidence Interval for Mean	Lower Bound Upper Bound	-128.7010 164.0330
	5% Trimmed Mean	18.4506	
	Median	18.6800	
	Variance	13895.634	
	Std. Deviation	117.87975	
	Minimum	-155.19	
	Maximum	176.40	
	Range	331.59	
	Interquartile Range	180.29	
	Skewness	-.294	.913
	Kurtosis	1.891	2.000
	Mean	59.8617	294.22964
	95% Confidence Interval for Mean	Lower Bound Upper Bound	-696.4797 816.2030
	5% Trimmed Mean	38.3091	
	Median	80.9950	
	Variance	519426.492	
	Std. Deviation	720.71249	
	Minimum	-751.47	
	Maximum	1259.14	
	Range	2010.61	
	Interquartile Range	1179.16	
	Skewness	.728	.845
	Kurtosis	.760	1.741

Descriptives ^{a,b,c}			
	0.5=1, 1=2, 2=3, 3=4	Statistic	Std. Error
VEGF pre	1.00	Mean	482.4333
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			-468.7818 1433.6485
		5% Trimmed Mean	.
		Median	384.4500
		Variance	146624.376
		Std. Deviation	382.91563
		Minimum	158.03
		Maximum	904.82
		Range	746.79
		Interquartile Range	.
		Skewness	1.076
		Kurtosis	.
	2.00	Mean	242.3583
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			-43.6202 528.3368
		5% Trimmed Mean	220.5720

		Median	127.2650	
		Variance	74260.029	
		Std. Deviation	272.50693	
		Minimum	84.88	
		Maximum	791.99	
		Range	707.11	
		Interquartile Range	247.75	
		Skewness	2.325	.845
		Kurtosis	5.495	1.741
	3.00	Mean	143.3175	27.21591
	95% Confidence Interval for Mean	Lower Bound	56.7043	
		Upper Bound	229.9307	
		5% Trimmed Mean	144.5944	
		Median	154.8100	
		Variance	2962.823	
		Std. Deviation	54.43182	
		Minimum	67.73	
		Maximum	195.92	
		Range	128.19	
		Interquartile Range	100.38	
		Skewness	-1.151	1.014
		Kurtosis	1.863	2.619
VEGF post	1.00	Mean	186.4400	22.44688
95% Confidence Interval for Mean		Lower Bound	89.8589	
		Upper Bound	283.0211	
		5% Trimmed Mean	.	
		Median	176.7100	
		Variance	1511.587	
		Std. Deviation	38.87913	
		Minimum	153.35	
		Maximum	229.26	
		Range	75.91	
		Interquartile Range	.	
		Skewness	1.056	1.225
		Kurtosis	.	.
	2.00	Mean	447.5850	208.29774
95% Confidence Interval for Mean		Lower Bound	-87.8614	
		Upper Bound	983.0314	
		5% Trimmed Mean	407.2833	
		Median	223.5100	
		Variance	260327.703	
		Std. Deviation	510.22319	
		Minimum	152.77	
		Maximum	1467.83	
		Range	1315.06	
		Interquartile Range	518.82	
		Skewness	2.243	.845
		Kurtosis	5.131	1.741
	3.00	Mean	138.2150	33.29082

		95% Confidence Interval for Mean	Lower Bound	32.2687	
			Upper Bound	244.1613	
			5% Trimmed Mean	140.6600	
			Median	160.2200	
			Variance	4433.115	
			Std. Deviation	66.58164	
			Minimum	40.86	
			Maximum	191.56	
			Range	150.70	
			Interquartile Range	113.98	
		Selisih VEGF	Skewness	-1.692	1.014
			Kurtosis	3.193	2.619
	1.00	Mean		-295.9933	233.20373
	1.00		95% Confidence Interval for Mean	Lower Bound	-1299.3880
	1.00			Upper Bound	707.4013
	1.00		5% Trimmed Mean	.	
	1.00		Median	-155.1900	
	1.00		Variance	163151.940	
	1.00		Std. Deviation	403.92071	
	1.00		Minimum	-751.47	
	1.00		Maximum	18.68	
	1.00		Range	770.15	
	2.00	Mean	95% Confidence Interval for Mean		246.63900
	2.00			Lower Bound	-428.7791
	2.00			Upper Bound	839.2324
	2.00		5% Trimmed Mean	191.7580	
	2.00		Median	122.0000	
	2.00		Variance	364984.771	
	2.00		Std. Deviation	604.13970	
	2.00		Minimum	-606.25	
	2.00		Maximum	1259.14	
	2.00		Range	1865.39	
	2.00	95% Confidence Interval for Mean	Interquartile Range	659.14	
	2.00		Skewness	.857	.845
	2.00		Kurtosis	2.518	1.741
	3.00			-5.1025	47.65671
	3.00	95% Confidence Interval for Mean	Lower Bound	-156.7674	
	3.00			Upper Bound	146.5624
	3.00		5% Trimmed Mean	-4.1117	
	3.00	Selisih VEGF	Median	3.8150	
	3.00		Variance	9084.649	
	3.00		Std. Deviation	95.31343	
	3.00		Minimum	-122.43	
	3.00		Maximum	94.39	

	Range	216.82	
	Interquartile Range	183.32	
	Skewness	-.413	1.014
	Kurtosis	-1.585	2.619

Ranks				
	1=laki-laki, 2=perempuan	N	Mean Rank	Sum of Ranks
SelisihVEGF	1.00	6	6.17	37.00
	2.00	8	8.50	68.00
	Total	14		

Test Statistics^a	
	SelisihVEGF
Mann-Whitney U	16.000
Wilcoxon W	37.000
Z	-1.033
Asymp. Sig. (2-tailed)	.302
Exact Sig. [2*(1-tailed Sig.)]	.345 ^b

Ranks			
	1=<45, 46-54=2,55- 64=3,>65=4	N	Mean Rank
SelisihVEGF	1.00	2	7.00
	2.00	5	7.20
	3.00	6	8.50
	4.00	1	4.00
	Total	14	

Test Statistics^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	1.097
df	3
Asymp. Sig.	.778

Ranks			
	0.5=1, 1=2, 2=3, 3=4	N	Mean Rank
SelisihVEGF	1.00	3	3.67
	2.00	6	9.83

	3.00	4	7.25
	4.00	1	6.00
	Total	14	

Test Statistics ^{a,b}	
	SelisihVEGF
Kruskal-Wallis H	4.529
df	3
Asymp. Sig.	.210

Ranks				
		N	Mean Rank	Sum of Ranks
VEGFpost - VEGFpre	Negative Ranks	6 ^a	10.83	65.00
	Positive Ranks	10 ^b	7.10	71.00
	Ties	0 ^c		
	Total	16		

Test Statistics ^a	
	VEGFpost - VEGFpre
Z	-.155 ^b
Asymp. Sig. (2-tailed)	.877

Ranks				
		N	Mean Rank	Sum of Ranks
VEGFpost - VEGFpre	Negative Ranks	4 ^a	6.75	27.00
	Positive Ranks	8 ^b	6.38	51.00
	Ties	0 ^c		
	Total	12		

Test Statistics ^a	
	VEGFpost - VEGFpre
Z	-.941 ^b

Asymp. Sig. (2-tailed)	.347
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Descriptives			
	JKstring	Statistic	Std. Error
VEGFpre	L	Mean	261.1110 74.7437 7
		95% Confidence Interval for Mean	Lower Bound 92.0288
			Upper Bound 430.1932
		5% Trimmed Mean	245.2617
		Median	154.2150
		Variance	55866.31 5
		Std. Deviation	236.3605 6
		Minimum	47.27
		Maximum	760.24
		Range	712.97
		Interquartile Range	217.83
		Skewness	1.606 .687
		Kurtosis	1.438 1.334
	P	Mean	235.1850 73.6035 8
		95% Confidence Interval for Mean	Lower Bound .9456
			Upper Bound 469.4244
		5% Trimmed Mean	230.8572
		Median	196.2350
		Variance	21669.94 8
		Std. Deviation	147.2071 6
		Minimum	119.35
		Maximum	428.92
		Range	309.57
		Interquartile Range	269.30
		Skewness	.901 1.014

		Kurtosis	-1.046	2.619
VEGFpo st	L	Mean	292.9930	84.4733 3
		95% Confidence Interval for Mean	Lower Bound	101.9011
			Upper Bound	484.0849
		5% Trimmed Mean	264.0106	
		Median	207.3800	
		Variance	71357.43 6	
		Std. Deviation	267.1281 3	
		Minimum	85.76	
		Maximum	1021.91	
		Range	936.15	
		Interquartile Range	151.83	
		Skewness	2.697	.687
		Kurtosis	7.887	1.334
P	P	Mean	175.8700	52.8067 1
		95% Confidence Interval for Mean	Lower Bound	7.8155
			Upper Bound	343.9245
		5% Trimmed Mean	171.9761	
		Median	140.8250	
		Variance	11154.19 3	
		Std. Deviation	105.6134 1	
		Minimum	96.68	
		Maximum	325.15	
		Range	228.47	
		Interquartile Range	188.86	
		Skewness	1.407	1.014
		Kurtosis	1.504	2.619
SelisihVE GF	L	Mean	50.6780	46.4108 6

		95% Confidence Interval for Mean	Lower Bound	-54.3107	
			Upper Bound	155.6667	
			5% Trimmed Mean	57.7961	
			Median	57.4550	
			Variance	21539.68	
				3	
			Std. Deviation	146.7640	
				4	
			Minimum	-288.44	
			Maximum	261.67	
		Range		550.11	
		Interquartile Range		154.26	
		Skewness		-1.240	.687
		Kurtosis		2.968	1.334
P	Mean		-59.3150	89.9721	
		95% Confidence Interval for Mean	Lower Bound	-	
			Upper Bound	345.6466	
	5% Trimmed Mean		-51.0933		
	Median		14.6800		
	Variance		32379.97		
			6		
	Std. Deviation		179.9443		
			7		
	Minimum		-323.10		
	Maximum		56.48		
	Range		379.58		
	Interquartile Range		304.68		
	Skewness		-1.749	1.014	
	Kurtosis		3.006	2.619	

Descriptives				
	1=<45; 2=46-54, 3=55-64, 4=>65		Statistic	Std. Error
VEGFpr e	2.00	Mean	224.7340	57.3247
				0

		95% Confidence Interval for Mean	Lower Bound	65.5751	
			Upper Bound	383.8929	
			5% Trimmed Mean	219.0006	
			Median	168.2500	
			Variance	16430.60	
				5	
			Std. Deviation	128.1819	
				2	
			Minimum	123.75	
			Maximum	428.92	
			Range	305.17	
			Interquartile Range	221.69	
	3.00		Skewness	1.307	.913
			Kurtosis	.936	2.000
		Mean		272.2280	91.6406
		95% Confidence Interval for Mean	Lower Bound	17.7927	
			Upper Bound	526.6633	
		5% Trimmed Mean		261.0561	
		Median		228.3900	
		Variance		41990.07	
				5	
		Std. Deviation		204.9148	
				0	
		Minimum		121.99	
		Maximum		623.56	
		Range		501.57	
		Interquartile Range		312.70	
		Skewness		1.797	.913
		Kurtosis		3.442	2.000
	4.00	Mean		266.7600	165.693
		95% Confidence Interval for Mean	Lower Bound	-260.5495	
			Upper Bound	794.0695	

		5% Trimmed Mean	251.5383	
		Median	129.7650	
		Variance	109816.8	
			58	
		Std. Deviation	331.3862	
			7	
		Minimum	47.27	
		Maximum	760.24	
		Range	712.97	
		Interquartile Range	539.94	
		Skewness	1.912	1.014
		Kurtosis	3.734	2.619
VEGFpost	2.00	Mean	195.8400	37.8645
		95% Confidence Interval for Mean	Lower Bound	0
			Upper Bound	300.9687
		5% Trimmed Mean	193.6572	
		Median	194.7500	
		Variance	7168.601	
		Std. Deviation	84.66759	
		Minimum	105.82	
		Maximum	325.15	
		Range	219.33	
	3.00	Interquartile Range	149.16	
		Skewness	.851	.913
		Kurtosis	.689	2.000
		Mean	191.9840	49.8362
		95% Confidence Interval for Mean	Lower Bound	2
			Upper Bound	330.3515
		5% Trimmed Mean	189.9333	
		Median	161.5400	
		Variance	12418.24	
			4	

		Std. Deviation	111.4371	
		8		
		Minimum	85.76	
		Maximum	335.12	
		Range	249.36	
		Interquartile Range	216.75	
		Skewness	.464	.913
		Kurtosis	-2.385	2.000
	4.00	Mean	423.5725	201.202 98
		95% Confidence Interval for Mean	Lower Bound	-216.7452
			Upper Bound	1063.890 2
		5% Trimmed Mean	404.0950	
		Median	248.2750	
		Variance	161930.5 56	
		Std. Deviation	402.4059 6	
		Minimum	175.83	
		Maximum	1021.91	
		Range	846.08	
		Interquartile Range	659.43	
		Skewness	1.899	1.014
		Kurtosis	3.630	2.619
SelisihV EGF	2.00	Mean	-28.8940	74.0257 3
		95% Confidence Interval for Mean	Lower Bound	-234.4224
			Upper Bound	176.6344
		5% Trimmed Mean	-17.6256	
		Median	47.9800	
		Variance	27399.04 6	
		Std. Deviation	165.5265 7	
		Minimum	-323.10	

		Maximum	62.48	
		Range	385.58	
		Interquartile Range	213.38	
		Skewness	-2.167	.913
		Kurtosis	4.736	2.000
	3.00	Mean	-42.6520	66.4951 3
		95% Confidence Interval for Mean	Lower Bound	-227.2721
			Upper Bound	141.9681
		5% Trimmed Mean	-36.5878	
		Median	-25.3100	
		Variance	22108.01	4
		Std. Deviation	148.6876	4
		Minimum	-288.44	
		Maximum	93.98	
		Range	382.42	
		Interquartile Range	240.39	
		Skewness	-1.449	.913
		Kurtosis	2.434	2.000
	4.00	Mean	156.8125	41.9261 2
		95% Confidence Interval for Mean	Lower Bound	23.3849
			Upper Bound	290.2401
		5% Trimmed Mean	156.5611	
		Median	154.5500	
		Variance	7031.197	
		Std. Deviation	83.85223	
		Minimum	56.48	
		Maximum	261.67	
		Range	205.19	
		Interquartile Range	155.54	
		Skewness	.161	1.014

		Kurtosis	1.484	2.619
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Descriptives ^{a,b,c}				
	1=0.5; 2=1; 3=2; 4=3		Statistic	Std. Error
VEGF pre	1.00	Mean	203.4000	35.95848
		95% Confidence	Lower Bound	88.9641
		Interval for Mean	Upper Bound	317.8359
		5% Trimmed Mean	204.3428	
		Median	211.8850	
		Variance	5172.049	
		Std. Deviation	71.91696	
		Minimum	119.35	
		Maximum	270.48	
		Range	151.13	
		Interquartile Range	135.17	
		Skewness	-.347	1.014
		Kurtosis	-3.648	2.619
	2.00	Mean	229.6783	80.38309
		95% Confidence	Lower Bound	23.0470
		Interval for Mean	Upper Bound	436.3096
		5% Trimmed Mean	213.7787	
		Median	136.2250	
		Variance	38768.643	
		Std. Deviation	196.89754	
		Minimum	121.99	
		Maximum	623.56	
		Range	501.57	
		Interquartile Range	197.93	
		Skewness	2.251	.845
		Kurtosis	5.137	1.741
	3.00	Mean	437.6367	183.7905
				2
		95% Confidence	Lower Bound	-353.1501
		Interval for Mean	Upper Bound	1228.4234
		5% Trimmed Mean	.	.
		Median	428.9200	
		Variance	101336.865	
		Std. Deviation	318.33452	
		Minimum	123.75	

		Maximum	760.24	
		Range	636.49	
		Interquartile Range	.	
		Skewness	.123	1.225
		Kurtosis	.	.
VEGF post	1.00	Mean	219.6875	37.01228
		95% Confidence	Lower Bound	101.8979
		Interval for Mean	Upper Bound	337.4771
		5% Trimmed Mean		217.0589
		Median		196.0300
		Variance		5479.635
		Std. Deviation		74.02456
		Minimum		161.54
		Maximum		325.15
		Range		163.61
		Interquartile Range		132.81
		Skewness		1.466 1.014
		Kurtosis		1.913 2.619
	2.00	Mean	215.1917	43.49937
		95% Confidence	Lower Bound	103.3730
		Interval for Mean	Upper Bound	327.0104
		5% Trimmed Mean		215.7196
		Median		237.7850
		Variance		11353.170
		Std. Deviation		106.55125
		Minimum		85.76
		Maximum		335.12
		Range		249.36
		Interquartile Range		213.34
		Skewness		-.314 .845
		Kurtosis		-2.174 1.741
	3.00	Mean	421.6600	300.2621 1
		95% Confidence	Lower Bound	-870.2636
		Interval for Mean	Upper Bound	1713.5836
		5% Trimmed Mean		.
		Median		137.2500
		Variance		270472.008
		Std. Deviation		520.06923

		Minimum	105.82	
		Maximum	1021.91	
		Range	916.09	
		Interquartile Range	.	
		Skewness	1.725	1.225
		Kurtosis	.	.
Selisih VEGF	1.00	Mean	63.2775	10.39612
		95% Confidence	Lower Bound	30.1924
		Interval for Mean	Upper Bound	96.3626
		5% Trimmed Mean	62.4217	
		Median	55.5750	
		Variance	432.317	
		Std. Deviation	20.79224	
		Minimum	47.98	
		Maximum	93.98	
		Range	46.00	
		Interquartile Range	34.95	
		Skewness	1.810	1.014
		Kurtosis	3.460	2.619
		Mean	-14.4867	62.25052
Selisih VEGF	2.00	95% Confidence	Lower Bound	-174.5067
		Interval for Mean	Upper Bound	145.5334
		5% Trimmed Mean	-8.8407	
		Median	13.5600	
		Variance	23250.763	
		Std. Deviation	152.48201	
		Minimum	-288.44	
		Maximum	157.84	
		Range	446.28	
		Interquartile Range	192.87	
		Skewness	-1.246	.845
		Kurtosis	2.258	1.741
		Mean	-15.9767	169.4507
				2
Selisih VEGF	3.00	95% Confidence	Lower Bound	-745.0643
		Interval for Mean	Upper Bound	713.1110
		5% Trimmed Mean	.	
		Median	13.5000	
		Variance	86140.644	

		Std. Deviation	293.49726	
		Minimum	-323.10	
		Maximum	261.67	
		Range	584.77	
		Interquartile Range	.	
		Skewness	-.447	1.225
		Kurtosis	.	.

Descriptives Kadar VEGF subjek penelitian				
		KelompokNum	Statistic	Std. Error
VEGFp re	Kontrol	Mean	253.7036	55.9497 0
		95% Confidence Interval for Mean	Lower Bound	132.8316
			Upper Bound	374.5755
		5% Trimmed Mean	237.0312	
		Median	154.2150	
		Variance	43825.164	
		Std. Deviation	209.34461	
		Minimum	47.27	
		Maximum	760.24	
		Range	712.97	
		Interquartile Range	186.78	
		Skewness	1.609	.597
		Kurtosis	1.822	1.154
	Perlaku an	Mean	254.7629	70.5569 4
		95% Confidence Interval for Mean	Lower Bound	102.3339
			Upper Bound	407.1918
		5% Trimmed Mean	229.0393	
		Median	152.1800	
		Variance	69695.937	
		Std. Deviation	263.99988	
		Minimum	67.73	

		Maximum	904.82	
		Range	837.09	
		Interquartile Range	144.10	
		Skewness	1.980	.597
		Kurtosis	2.865	1.154
VEGFpost	Kontrol	Mean	259.5293	62.6727 6
		95% Confidence Interval for Mean	Lower Bound	124.1330
			Upper Bound	394.9256
		5% Trimmed Mean	226.8287	
		Median	196.6400	
		Variance	54990.247	
		Std. Deviation	234.49999	
		Minimum	85.76	
		Maximum	1021.91	
		Range	936.15	
		Interquartile Range	175.41	
		Skewness	2.970	.597
		Kurtosis	9.937	1.154
		Mean	278.5271	94.4883 8
Perlakuan	Perlakuan	95% Confidence Interval for Mean	Lower Bound	74.3974
			Upper Bound	482.6569
		5% Trimmed Mean	225.6585	
		Median	179.4750	
		Variance	124992.76 0	
		Std. Deviation	353.54315	
		Minimum	40.86	
		Maximum	1467.83	
		Range	1426.97	
		Interquartile Range	84.06	
		Skewness	3.364	.597
		Kurtosis	11.877	1.154

Descriptives Kadar VEGF kelompok perlakuan

	KelompokNum			Statistic	Std. Error
VEGFpre	Perlakuan	Mean		254.7629	70.55694
		95% Confidence Interval for Mean		102.3339	
		Lower Bound	407.1918		
		5% Trimmed Mean			229.0393
		Median			152.1800
		Variance			69695.937
		Std. Deviation			263.99988
		Minimum			67.73
		Maximum			904.82
		Range			837.09
		Interquartile Range			144.10
VEGFpost	Perlakuan	Skewness			1.980 .597
		Kurtosis			2.865 1.154
		Mean			278.5271 94.48838
		95% Confidence Interval for Mean		74.3974	
		Upper Bound	482.6569		
		5% Trimmed Mean			225.6585
		Median			179.4750
		Variance			124992.760
		Std. Deviation			353.54315
		Minimum			40.86
		Maximum			1467.83
		Range			1426.97
		Interquartile Range			84.06
		Skewness			3.364 .597
		Kurtosis			11.877 1.154

Descriptives Kadar VEGF kelompok kontrol			
	KelompokNum	Statistic	Std. Error
	Kontrol	Mean	253.7036 55.94970

VEGFpre		95% Confidence Interval for Mean	Lower Bound	132.8316	
			Upper Bound	374.5755	
		5% Trimmed Mean		237.0312	
		Median		154.2150	
		Variance		43825.16	
			4		
		Std. Deviation		209.3446	
			1		
		Minimum		47.27	
		Maximum		760.24	
		Range		712.97	
		Interquartile Range		186.78	
		Skewness		1.609	.597
		Kurtosis		1.822	1.154
VEGFpost	Kontrol	Mean		259.5293	62.67276
		95% Confidence Interval for Mean	Lower Bound	124.1330	
			Upper Bound	394.9256	
		5% Trimmed Mean		226.8287	
		Median		196.6400	
		Variance		54990.24	
			7		
		Std. Deviation		234.4999	
			9		
		Minimum		85.76	
		Maximum		1021.91	
		Range		936.15	
		Interquartile Range		175.41	
		Skewness		2.970	.597
		Kurtosis		9.937	1.154

Ranks				
	JK	N	Mean Rank	Sum of Ranks
VEGFpre	Perempuan	8	6.38	51.00
	Laki-laki	6	9.00	54.00
	Total	14		
VEGFpost	Perempuan	8	7.13	57.00

	Laki-laki	6	8.00	48.00
	Total	14		

Test Statistics^a		
	VEGFpre	VEGFpost
Mann-Whitney U	15.000	21.000
Wilcoxon W	51.000	57.000
Z	-1.162	-.387
Asymp. Sig. (2-tailed)	.245	.699
Exact Sig. [2*(1-tailed Sig.)]	.282 ^b	.755 ^b

Ranks			
	1=<45; 2=46-54, 3=55-64, 4=>65	N	Mean Rank
VEGFpre	1.00	2	8.50
	2.00	5	5.80
	3.00	6	8.33
	4.00	1	9.00
	Total	14	
VEGFpost	1.00	2	7.50
	2.00	5	7.00
	3.00	6	9.00
	4.00	1	1.00
	Total	14	

Test Statistics^{a,b}		
	VEGFpre	VEGFpost
Kruskal-Wallis H	1.307	3.257
df	3	3
Asymp. Sig.	.728	.354

Ranks			
	1=0.5; 2=1; 3=2; 4=3	N	Mean Rank
VEGFpre	1.00	3	11.33
	2.00	6	6.83
	3.00	4	6.75
	4.00	1	3.00
	Total	14	
VEGFpost	1.00	3	7.33
	2.00	6	9.83

	3.00		4	5.50
	4.00		1	2.00
	Total		14	

Test Statistics ^{a,b}		
	VEGFpre	VEGFpost
Kruskal-Wallis H	3.957	4.514
df	3	3
Asymp. Sig.	.266	.211

Ranks				
	JK	N	Mean Rank	Sum of Ranks
VEGFpre	Perempuan	4	7.00	28.00
	Laki-laki	10	7.70	77.00
	Total	14		
VEGFpost	Perempuan	4	5.75	23.00
	Laki-laki	10	8.20	82.00
	Total	14		

Test Statistics ^a		
	VEGFpre	VEGFpost
Mann-Whitney U	18.000	13.000
Wilcoxon W	28.000	23.000
Z	-.283	-.990
Asymp. Sig. (2-tailed)	.777	.322
Exact Sig. [2*(1-tailed Sig.)]	.839 ^b	.374 ^b

Ranks			
	1=<45; 2=46-54, 3=55-64, 4=>65	N	Mean Rank
VEGFpre	2.00	5	8.20
	3.00	5	8.00
	4.00	4	6.00
	Total	14	
VEGFpost	2.00	5	7.00
	3.00	5	6.20
	4.00	4	9.75
	Total	14	

Test Statistics ^{a,b}		
	VEGFpre	VEGFpost
Kruskal-Wallis H	.726	1.711
df	2	2
Asymp. Sig.	.696	.425

Ranks			
	1=0.5; 2=1; 3=2; 4=3	N	Mean Rank
VEGFpre	1.00	4	7.75
	2.00	6	7.17
	3.00	3	10.00
	4.00	1	1.00
	Total	14	
VEGFpost	1.00	4	8.00
	2.00	6	7.33
	3.00	3	7.00
	4.00	1	8.00
	Total	14	

Test Statistics ^{a,b}		
	VEGFpre	VEGFpost
Kruskal-Wallis H	3.538	.124
df	3	3
Asymp. Sig.	.316	.989

Ranks			
	JK	N	Mean Rank
VEGFpre	Perempuan	12	12.67
	Laki-laki	16	15.88
	Total	28	

Test Statistics ^{a,b}	
	VEGFpre
Kruskal-Wallis H	1.043
df	1
Asymp. Sig.	.307

Ranks			
	1=<45; 2=46-54, 3=55-64, 4=>65	N	Mean Rank
VEGFpre	1.00	2	16.00
	2.00	10	13.30
	3.00	11	16.18
	4.00	5	12.60
	Total	28	

Test Statistics ^{a,b}	
	VEGFpre
Kruskal-Wallis H	1.006
df	3
Asymp. Sig.	.800

Ranks			
	1=0.5; 2=1; 3=2; 4=3	N	Mean Rank
VEGFpre	1.00	7	19.00
	2.00	12	13.25
	3.00	7	15.57
	4.00	2	2.50
	Total	28	

Test Statistics ^{a,b}	
	VEGFpre
Kruskal-Wallis H	6.747
df	3
Asymp. Sig.	.080

Descriptives					
	KelompokNum			Statistic	Std. Error
SelisihV EGF	Kontrol	Mean		19.2514	42.2943 7
		95% Confidence Interval for Mean	Lower Bound	-72.1200	
			Upper Bound	110.6229	
		5% Trimmed Mean		24.8033	
		Median		53.5500	

	Variance	25043.39	
		3	
	Std. Deviation	158.2510	
		4	
	Minimum	-323.10	
	Maximum	261.67	
	Range	584.77	
	Interquartile Range	138.76	
	Skewness	-1.127	.597
	Kurtosis	1.406	1.154
Perlaku an	Mean	23.7643	121.490
	95% Confidence Interval for Mean	Lower Bound	-238.7004
		Upper Bound	286.2290
	5% Trimmed Mean	-1.7991	
	Median	28.6950	
	Variance	206639.8	
		61	
	Std. Deviation	454.5765	
		7	
	Minimum	-751.47	
	Maximum	1259.14	
	Range	2010.61	
	Interquartile Range	245.51	
	Skewness	1.132	.597
	Kurtosis	4.343	1.154