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Fax. 586010 Email : fkunhas@med.unhas.ac.id

SURAT KEPUTUSAN
DEKAN FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN
NO.218/UN4.6/KEP/2020
TENTANG
PENGANGKATAN PEMBIMBING KARYA AKHIR BSGI MAHASISWA
Sdr. : dr. JULCRITHNO IRAWANPUTRA NOMOR POKOK : C045171004
PROGRAM PENDIDIKAN DOKTER SPESIALIS ILMU BEDAH
FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN

DEKAN FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN

Membaca : Surat Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Unhas Nomor : 1471/UN4.6.8/TD.06/2021 tanggal 25 Januari 2021 perihal SK Pembimbing Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** dengan Judul Penelitian : **" Profil Beta Fibroblast Growth Factor (FGF2) Pada Tikus Wistar Yang Mengalami Peritonitis : Studi Eksperimetal Terkait Adhesi Peritoneal".**

Menimbang :
a. Bahwa dalam rangka pelaksanaan Bimbingan Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** Mahasiswa Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Universitas Hasanuddin, dipandang perlu mengangkat Tim Pembimbing Karya Akhir.
b. Bahwa untuk keperluan huruf (a) diatas, maka, dipandang perlu menerbitkan surat Keputusannya .

Mengingat :
1. Keputusan Rektor Unhas No. 977/J04/O/2005
2. Keputusan Rektor Unhas No. 2283/H4/P/2007
3. Keputusan Rektor Unhas No. 1784/H4.2/K/2010
4. Keputusan Rektor Unhas No. 1282/H4.2/K/2011
5. Keputusan Rektor Unhas No. 8650/UN4.2/KU.10/2012
6. Keputusan Rektor Unhas No. 8765/UN4.2/KU.10/2013

MEMUTUSKAN

Menetapkan :

Pertama : Membentuk Tim Pembimbing Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** Mahasiswa Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Universitas Hasanuddin dengan susunan sebagai berikut :

1.	dr. Tommy Rubiyanto Habar,Sp.B,Sp.BA	Pembimbing Utama
2.	Dr. dr. Nita Mariana,M.Kes,Sp.BA	Pembimbing Pendamping
3.	dr. Firdaus Hamid,M.Sc	Pembimbing Pendamping

Kedua : Segala biaya yang timbul sehubungan dengan Surat Keputusan ini diberikan pada Anggaran DPA PTN Badan Hukum Tahun 2021 alokasi Fakultas Kedokteran Universitas Hasanuddin.

Ketiga : Surat keputusan ini berlaku terhitung mulai tanggal ditetapkannya , dengan ketentuan apabila dikemudian hari ternyata terdapat kesalahan dan kekeliriuan didalamnha akan diadakan perbaikan sebagaimana mestinya.

Ditetapkan di : Makassar
Pada tanggal : 25 Januari 2021

a.n Dekan
Wakil Dekan Bid. Akademik, Riset dan inovasi

Dr. dr. Irfan Idris,M.Kes
NIP.19671103 199802 1 001

Tembusan :
1. Ketua Program Studi **Ilmu Bedah**
2. Masing-masing yang bersangkutan untuk dilaksanakan
3. **dr.Julchritno Irawanputra**

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SURAT KEPUTUSAN
DEKAN FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN
NO.219/UN4.6.1/KEP/2021
TENTANG
PENGANGKATAN PENILAI SEMINAR USUL DAN HASIL PENELITIAN
Sdr. : dr. JULCRITHNO IRAWANPUTRA NOMOR POKOK : C045171004
PROGRAM PENDIDIKAN DOKTER SPESIALIS ILMU BEDAH
FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN

DEKAN FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN

Membaca : Surat Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Unhas Nomor : 1468/UN4.6.8/TD.06/2021 tanggal 25 Januari 2021 perihal SK Pembimbing Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** dengan Judul Penelitian : **" Profil Beta Fibroblast Growth Factor (FGF2) Pada Tikus Wistar Yang Mengalami Peritonitis : Studi Eksperimetal Terkait Adhesi Peritoneal".**

Menimbang :
a. Bahwa dalam rangka pelaksanaan Bimbingan Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** Mahasiswa Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Universitas Hasanuddin, dipandang perlu mengangkat Tim Pembimbing Karya Akhir.
b. Bahwa untuk keperluan huruf (a) diatas, maka, dipandang perlu menerbitkan surat Keputusannya .

Mengingat :
1. Keputusan Rektor Unhas No. 1067/J04/P/2003
2. Keputusan Rektor Unhas No. 977/J04/O/2005
3. Keputusan Rektor Unhas No. 2283/H4/P/2007
4. Keputusan Rektor Unhas No. 1784/H4.2/K/2010
5. Keputusan Rektor Unhas No. 1282/H4.2/K/2011
6. Keputusan Rektor Unhas No. 8650/UN4.2/KU.10/2012
7. Keputusan Rektor Unhas No. 8765/UN4.2/KU.10/2013

MEMUTUSKAN

Menetapkan :

Pertama : Membentuk Tim Pembimbing Karya Akhir bagi Sdr. **dr.Julchritno Irawanputra** Mahasiswa Program Pendidikan Dokter Spesialis **Ilmu Bedah** Fakultas Kedokteran Universitas Hasanuddin dengan susunan sebagai berikut :

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3.	dr. Firdaus Hamid,M.Sc	Penguji Pendamping
4.	dr. Sulmiati,Sp.BA	Penguji Pendamping
5.	dr. Ahmadwirawan,Sp.B,Sp.BA	Penguji Pendamping

Kedua : Segala biaya yang timbul sehubungan dengan Surat Keputusan ini diberikan pada Anggaran DPA PTN Badan Hukum Tahun 2021 alokasi Fakultas Kedokteran Universitas Hasanuddin.

Ketiga : Surat keputusan ini berlaku terhitung mulai tanggal ditetapkannya , dengan ketentuan apabila dikemudian hari ternyata terdapat kesalahan dan kekeliriuan didalamnha akan diadakan perbaikan sebagaimana mestinya.

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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

REKOMENDASI PERSETUJUAN ETIK

Nomor : 327/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 17 Mei 2021

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

No Protokol	UH21040245	No Sponsor Protokol	
Peneliti Utama	**dr. Julcritno Irawan Putra**	Sponsor	
Judul Peneliti	Hubungan Kadar Beta Fibroblast Growth Factor (Bfgf) Dengan Derajat Adhesi Intraabdominal Pada Percobaan Peritonitis Tikus Wistar		
No Versi Protokol	**2**	Tanggal Versi	7 Mei 2021
No Versi PSP		Tanggal Versi	
Tempat Penelitian	**Laboratorium Hewan Fakultas Kedokteran Universitas Hasanuddin dan Laboratorium HUM-RC Fakultas Kedokteran Universitas Hasanuddin Makassar**		
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal	Masa Berlaku **17 Mei 2021** sampai **17 Mei 2022**	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 prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
UPT PUSAT BAHASA
JL. PERINTIS KEMERDEKAAN KM. 10 KAMPUS TAMALANREA
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Email :unhaspusatbahasa@gmail.com HP 081344431789

SURAT KETERANGAN ABSTRAK

Yang bertanda tangan di bawah ini menerangkan bahwa :

Nama : JULCRYTHINO IRAWANPUTRA

No. Pokok : C045171004

Program Studi : ILMU BEDAH

Judul Tesis/Disertasi : HUBUNGAN KADAR BASIC FIBROBLAST GROWTH FACTOR (bFGF) DENGAN DERAJAT ADHESI INTRAABDOMINAL PADA PERLOBAAN PERITONITIS TIKUS WISTAR

Judul Jurnal : .....

Menyatakan bahwa naskah abstrak yang disusun oleh mahasiswa tersebut di atas telah diedit dan diterjemahkan di Pusat Bahasa Unhas.

Makassar, 1 MARET 2022

Mengetahui,
Kepala Pusat Bahasa,

Dra. Herawaty, M.Hum., M.A., Ph.D.
NIP. 19630103 198803 2 003

```
EXAMINE VARIABLES=bFGF BY group
  /PLOT STEMLEAF NPPLOT
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	group	N	Percent	N	Percent	N	Percent
bFGF	0	6	100.0%	0	0.0%	6	100.0%
	1	6	100.0%	0	0.0%	6	100.0%
	7	6	100.0%	0	0.0%	6	100.0%
	14	6	100.0%	0	0.0%	6	100.0%

Descriptives

	group			Statistic	Std. Error
bFGF	0	Mean		31.2229	.77414
		95% Confidence Interval for Mean	Lower Bound	29.2329	
			Upper Bound	33.2128	
		5% Trimmed Mean		31.1469	
		Median		30.9507	
		Variance		3.596	
		Std. Deviation		1.89624	
		Minimum		29.15	
		Maximum		34.67	
		Range		5.52	
		Interquartile Range		2.50	
		Skewness		1.327	.845
		Kurtosis		2.476	1.741
	1	Mean		43.3858	.74179
		95% Confidence Interval for Mean	Lower Bound	41.4789	
			Upper Bound	45.2926	
		5% Trimmed Mean		43.2738	
		Median		42.8885	
		Variance		3.302	

		Std. Deviation		1.81702	
		Minimum		41.95	
		Maximum		46.84	
		Range		4.89	
		Interquartile Range		2.18	
		Skewness		1.769	.845
		Kurtosis		3.343	1.741
	7	Mean		46.5199	1.92152
		95% Confidence Interval for Mean	Lower Bound	41.5804	
			Upper Bound	51.4593	
		5% Trimmed Mean		46.3136	
		Median		45.5750	
		Variance		22.153	
		Std. Deviation		4.70675	
		Minimum		42.19	
		Maximum		54.56	
		Range		12.36	
		Interquartile Range		7.43	
		Skewness		1.061	.845
		Kurtosis		.618	1.741
	14	Mean		52.5983	2.24715
		95% Confidence Interval for Mean	Lower Bound	46.8219	
			Upper Bound	58.3748	
		5% Trimmed Mean		52.8176	
		Median		53.9125	
		Variance		30.298	
		Std. Deviation		5.50436	
		Minimum		42.64	
		Maximum		58.61	
		Range		15.97	
		Interquartile Range		7.21	
		Skewness		-1.324	.845
		Kurtosis		2.320	1.741

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	group	Statistic	df	Sig.	Statistic	df	Sig.
bFGF	0	.263	6	.200*	.901	6	.382
	1	.306	6	.083	.787	6	.045
	7	.228	6	.200*	.887	6	.301
	14	.227	6	.200*	.900	6	.373

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

a. Lilliefors Significance Correction

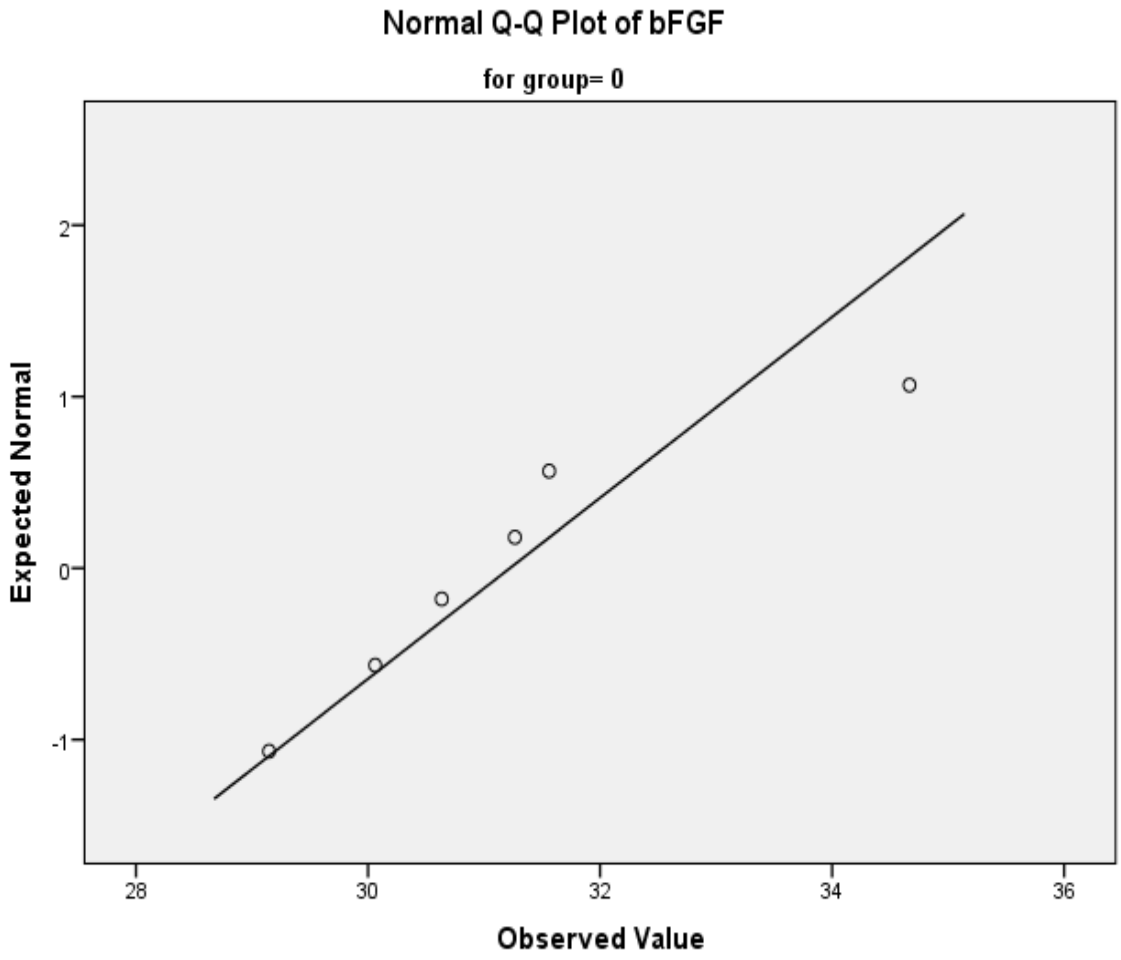
bFGF

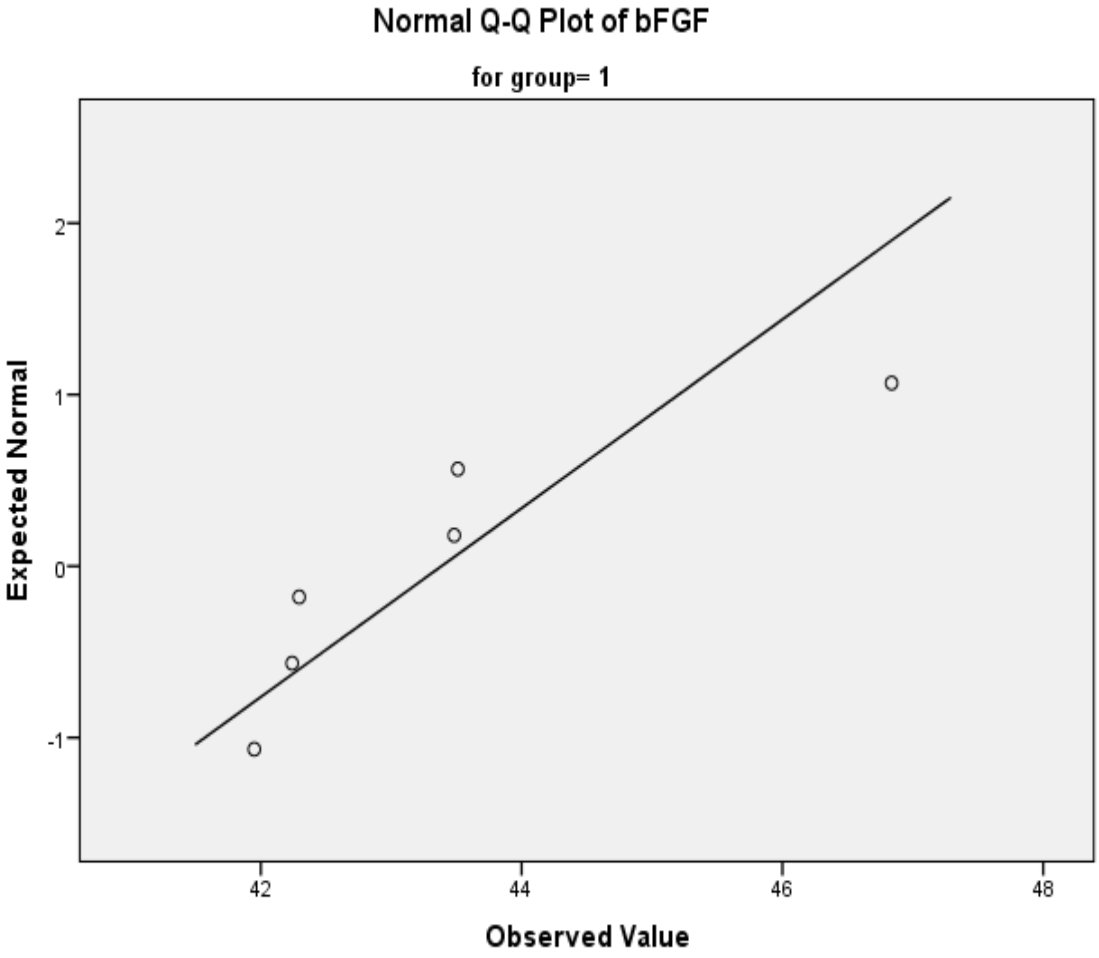
Stem-and-Leaf Plots

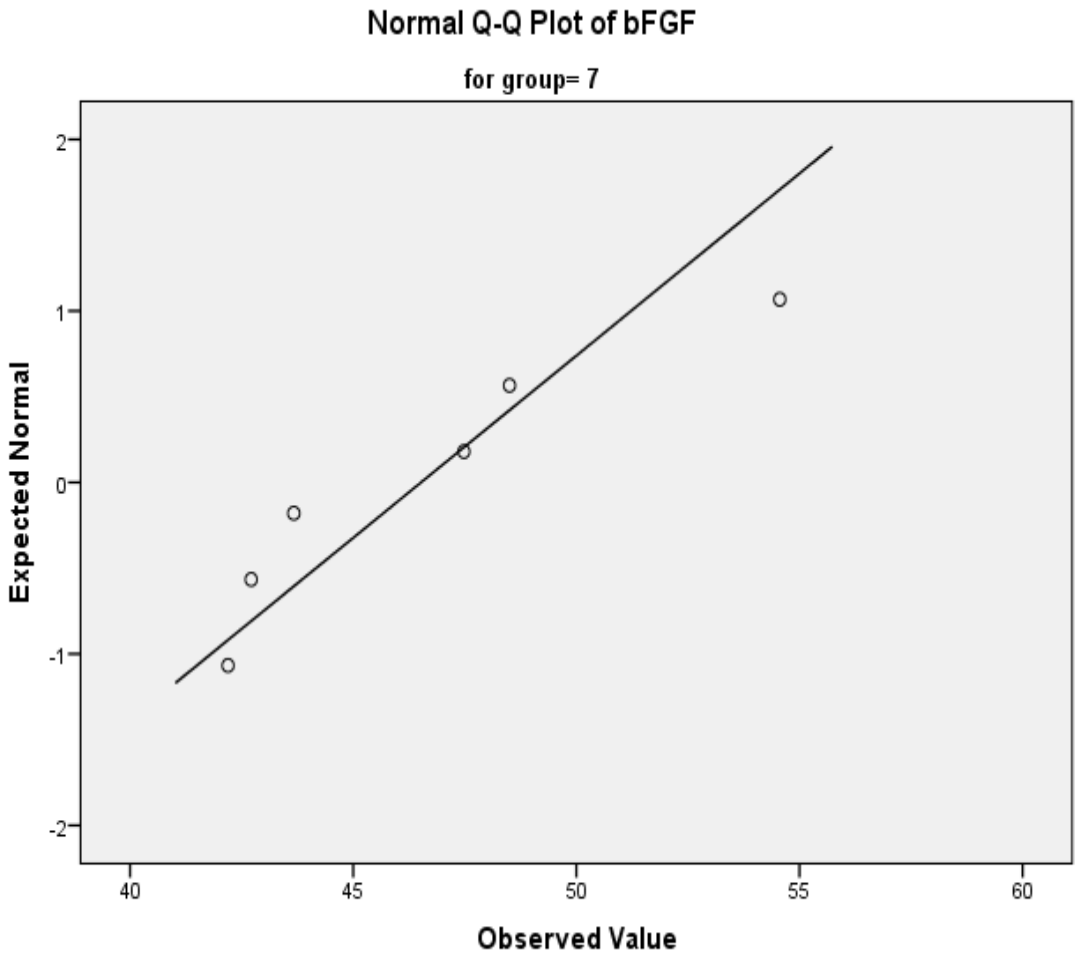
```
bFGF Stem-and-Leaf Plot for
group= 0

 Frequency    Stem &  Leaf

     1.00       29 .  1
     2.00       30 .  06
     2.00       31 .  25
     1.00 Extremes    (>=34.7)

 Stem width:      1.00
 Each leaf:        1 case(s)

bFGF Stem-and-Leaf Plot for
group= 1

 Frequency    Stem &  Leaf

     1.00       41 .  9
     2.00       42 .  22
     2.00       43 .  45
     1.00 Extremes    (>=46.8)

 Stem width:      1.00
 Each leaf:        1 case(s)

bFGF Stem-and-Leaf Plot for
group= 7

 Frequency    Stem &  Leaf

     3.00        4 .  223
     2.00        4 .  78
     1.00        5 .  4

 Stem width:     10.00
 Each leaf:        1 case(s)
```

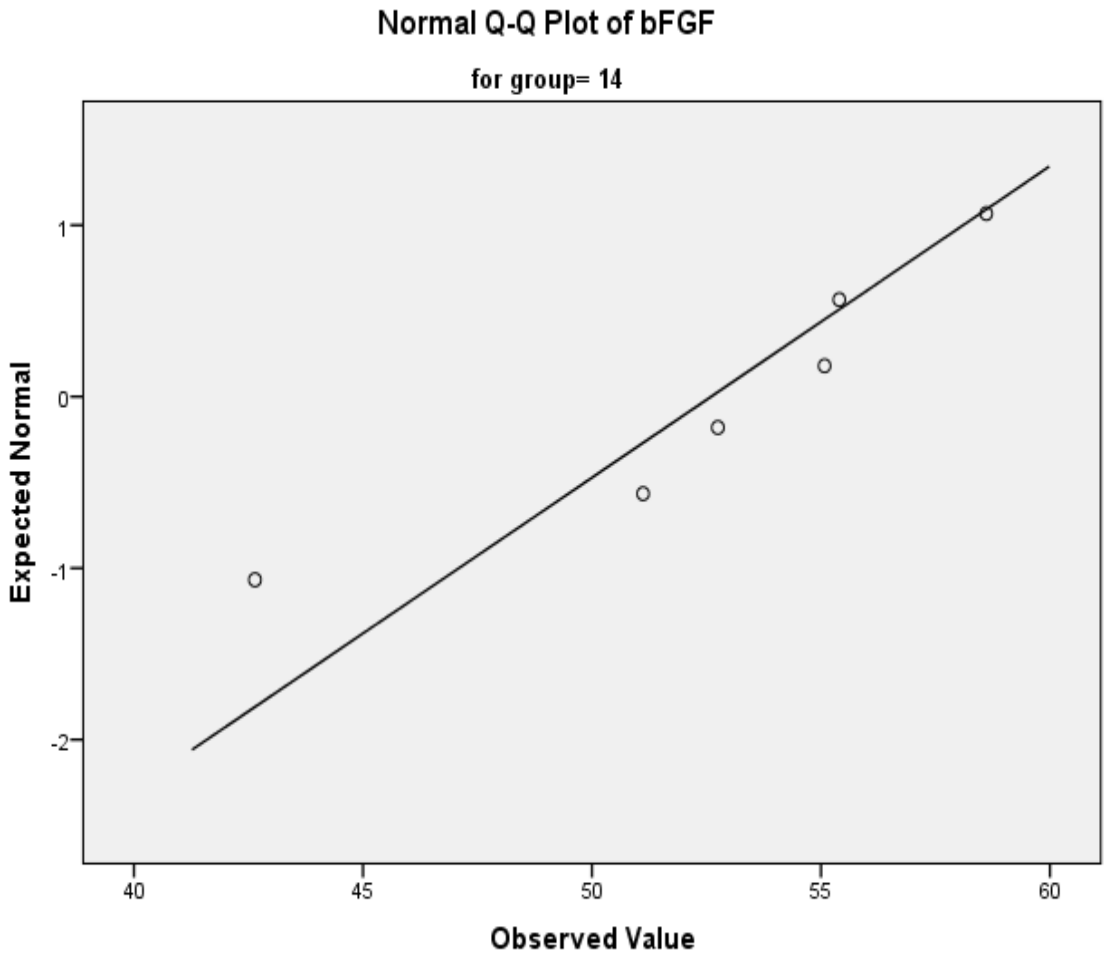
```
bFGF Stem-and-Leaf Plot for
group= 14

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<43)
     2.00        5 .  12
     3.00        5 .  558

 Stem width:     10.00
 Each leaf:        1 case(s)
```

Normal Q-Q Plots




Normal Q-Q Plot of bFGF
for group= 1
Expected Normal
2
1
0
-1
42
44
46
48
Observed Value


Normal Q-Q Plot of bFGF
for group= 7
Expected Normal
2
1
0
-1
-2
40
45
50
55
60
Observed Value



Detrended Normal Q-Q Plots

NPar Tests

Kruskal-Wallis Test

Ranks

	group	N	Mean Rank
bFGF	0	6	3.50
	1	6	11.50
	7	6	15.17
	14	6	19.83
	Total	24	

Test Statistics[a,b]

	bFGF
Chi-Square	17.147
df	3
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable: group

```
CROSSTABS
  /TABLES=adhesi BY group
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW
  /COUNT ROUND CELL.
```

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
adhesi * group	24	100.0%	0	0.0%	24	100.0%

adhesi * group Crosstabulation

			group				Total
			0	1	7	14	
adhesi	0	Count	6	0	0	0	6
		% within adhesi	100.0%	0.0%	0.0%	0.0%	100.0%
	1	Count	0	4	0	0	4
		% within adhesi	0.0%	100.0%	0.0%	0.0%	100.0%
	2	Count	0	2	4	0	6
		% within adhesi	0.0%	33.3%	66.7%	0.0%	100.0%
	3	Count	0	0	2	6	8
		% within adhesi	0.0%	0.0%	25.0%	75.0%	100.0%
Total		Count	6	6	6	6	24
		% within adhesi	25.0%	25.0%	25.0%	25.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	49.333[a]	9	.000
Likelihood Ratio	49.907	9	.000
Linear-by-Linear Association	20.700	1	.000
N of Valid Cases	24		

a. 16 cells (100,0%) have expected count less than 5. The minimum expected count is 1,00.

```
NPAR TESTS
  /K-W=adhesi BY group(1 4)
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		21-JUL-2021 19:24:00
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	24

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-W=adhesi BY group(1 4) /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,01
	Number of Cases Allowed[a]	224694

a. Based on availability of workspace memory.

Kruskal-Wallis Test

Ranks

	group	N	Mean Rank
adhesi	0	6	3.50
	1	6	10.17
	7	6	15.83
	14	6	20.50
	Total	24	

Test Statistics[a,b]

	adhesi
Chi-Square	20.875
df	3
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: group

```
NPAR TESTS
  /K-W=bFGF_1_7_14 BY group2(1 3)
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		21-JUL-2021 19:27:24
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	24
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-W=bFGF_1_7_14 BY group2(1 3) /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,01
	Number of Cases Allowed[a]	224694

a. Based on availability of workspace memory.

Kruskal-Wallis Test

Ranks

	group2	N	Mean Rank
bFGF_1_7_14	1	6	5.50
	7	6	9.17
	14	6	13.83
	Total	18	

Test Statistics[a,b]

	bFGF_1_7_14
Chi-Square	7.345
df	2

Asymp. Sig.	.025

a. Kruskal Wallis Test

b. Grouping Variable: group2

```
EXAMINE VARIABLES=bFGF01 bFGF07 bFGF014 bFGF17 bFGF114 bFGF714 BY grup
  /PLOT STEMLEAF NPPLOT
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		21-JUL-2021 19:31:08
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	24
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=bFGF01 bFGF07 bFGF014 bFGF17 bFGF114 bFGF714 BY grup /PLOT STEMLEAF NPPLOT /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:09,72
	Elapsed Time	00:00:03,95

grup

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	grup	N	Percent	N	Percent	N	Percent
bFGF01	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%
bFGF07	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%
bFGF014	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%
bFGF17	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%
bFGF114	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%
bFGF714	1.00	6	100.0%	0	0.0%	6	100.0%
	2.00	6	100.0%	0	0.0%	6	100.0%

Descriptives

	grup			Statistic	Std. Error
bFGF01	1.00	Mean		31.2229	.77414
		95% Confidence Interval for Mean	Lower Bound	29.2329	
			Upper Bound	33.2128	
		5% Trimmed Mean		31.1469	
		Median		30.9507	
		Variance		3.596	
		Std. Deviation		1.89624	
		Minimum		29.15	
		Maximum		34.67	
		Range		5.52	
		Interquartile Range		2.50	
		Skewness		1.327	.845
		Kurtosis		2.476	1.741
	2.00	Mean		43.3858	.74179
		95% Confidence Interval for Mean	Lower Bound	41.4789	

			Upper Bound	45.2926	
		5% Trimmed Mean		43.2738	
		Median		42.8885	
		Variance		3.302	
		Std. Deviation		1.81702	
		Minimum		41.95	
		Maximum		46.84	
		Range		4.89	
		Interquartile Range		2.18	
		Skewness		1.769	.845
		Kurtosis		3.343	1.741
bFGF07	1.00	Mean		31.2229	.77414
		95% Confidence Interval for Mean	Lower Bound	29.2329	
			Upper Bound	33.2128	
		5% Trimmed Mean		31.1469	
		Median		30.9507	
		Variance		3.596	
		Std. Deviation		1.89624	
		Minimum		29.15	
		Maximum		34.67	
		Range		5.52	
		Interquartile Range		2.50	
		Skewness		1.327	.845
		Kurtosis		2.476	1.741
	2.00	Mean		46.5199	1.92152
		95% Confidence Interval for Mean	Lower Bound	41.5804	
			Upper Bound	51.4593	
		5% Trimmed Mean		46.3136	
		Median		45.5750	
		Variance		22.153	
		Std. Deviation		4.70675	
		Minimum		42.19	
		Maximum		54.56	
		Range		12.36	
		Interquartile Range		7.43	
		Skewness		1.061	.845

		Kurtosis		.618	1.741
bFGF014	1.00	Mean		31.2229	.77414
		95% Confidence Interval for Mean	Lower Bound	29.2329	
			Upper Bound	33.2128	
		5% Trimmed Mean		31.1469	
		Median		30.9507	
		Variance		3.596	
		Std. Deviation		1.89624	
		Minimum		29.15	
		Maximum		34.67	
		Range		5.52	
		Interquartile Range		2.50	
		Skewness		1.327	.845
		Kurtosis		2.476	1.741
	2.00	Mean		52.5983	2.24715
		95% Confidence Interval for Mean	Lower Bound	46.8219	
			Upper Bound	58.3748	
		5% Trimmed Mean		52.8176	
		Median		53.9125	
		Variance		30.298	
		Std. Deviation		5.50436	
		Minimum		42.64	
		Maximum		58.61	
		Range		15.97	
		Interquartile Range		7.21	
		Skewness		-1.324	.845
		Kurtosis		2.320	1.741
bFGF17	1.00	Mean		43.3858	.74179
		95% Confidence Interval for Mean	Lower Bound	41.4789	
			Upper Bound	45.2926	
		5% Trimmed Mean		43.2738	
		Median		42.8885	
		Variance		3.302	
		Std. Deviation		1.81702	
		Minimum		41.95	

		Maximum		46.84	
		Range		4.89	
		Interquartile Range		2.18	
		Skewness		1.769	.845
		Kurtosis		3.343	1.741
	2.00	Mean		46.5199	1.92152
		95% Confidence Interval for Mean	Lower Bound	41.5804	
			Upper Bound	51.4593	
		5% Trimmed Mean		46.3136	
		Median		45.5750	
		Variance		22.153	
		Std. Deviation		4.70675	
		Minimum		42.19	
		Maximum		54.56	
		Range		12.36	
		Interquartile Range		7.43	
		Skewness		1.061	.845
		Kurtosis		.618	1.741
bFGF114	1.00	Mean		43.3858	.74179
		95% Confidence Interval for Mean	Lower Bound	41.4789	
			Upper Bound	45.2926	
		5% Trimmed Mean		43.2738	
		Median		42.8885	
		Variance		3.302	
		Std. Deviation		1.81702	
		Minimum		41.95	
		Maximum		46.84	
		Range		4.89	
		Interquartile Range		2.18	
		Skewness		1.769	.845
		Kurtosis		3.343	1.741
	2.00	Mean		52.5983	2.24715
		95% Confidence Interval for Mean	Lower Bound	46.8219	
			Upper Bound	58.3748	
		5% Trimmed Mean		52.8176	

		Median		53.9125	
		Variance		30.298	
		Std. Deviation		5.50436	
		Minimum		42.64	
		Maximum		58.61	
		Range		15.97	
		Interquartile Range		7.21	
		Skewness		-1.324	.845
		Kurtosis		2.320	1.741
bFGF714	1.00	Mean		46.5199	1.92152
		95% Confidence Interval for Mean	Lower Bound	41.5804	
			Upper Bound	51.4593	
		5% Trimmed Mean		46.3136	
		Median		45.5750	
		Variance		22.153	
		Std. Deviation		4.70675	
		Minimum		42.19	
		Maximum		54.56	
		Range		12.36	
		Interquartile Range		7.43	
		Skewness		1.061	.845
		Kurtosis		.618	1.741
	2.00	Mean		52.5983	2.24715
		95% Confidence Interval for Mean	Lower Bound	46.8219	
			Upper Bound	58.3748	
		5% Trimmed Mean		52.8176	
		Median		53.9125	
		Variance		30.298	
		Std. Deviation		5.50436	
		Minimum		42.64	
		Maximum		58.61	
		Range		15.97	
		Interquartile Range		7.21	
		Skewness		-1.324	.845
		Kurtosis		2.320	1.741

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	grup	Statistic	df	Sig.	Statistic	df	Sig.
bFGF01	1.00	.263	6	.200*	.901	6	.382
	2.00	.306	6	.083	.787	6	.045
bFGF07	1.00	.263	6	.200*	.901	6	.382
	2.00	.228	6	.200*	.887	6	.301
bFGF014	1.00	.263	6	.200*	.901	6	.382
	2.00	.227	6	.200*	.900	6	.373
bFGF17	1.00	.306	6	.083	.787	6	.045
	2.00	.228	6	.200*	.887	6	.301
bFGF114	1.00	.306	6	.083	.787	6	.045
	2.00	.227	6	.200*	.900	6	.373
bFGF714	1.00	.228	6	.200*	.887	6	.301
	2.00	.227	6	.200*	.900	6	.373

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

a. Lilliefors Significance Correction

T-Test

Group Statistics

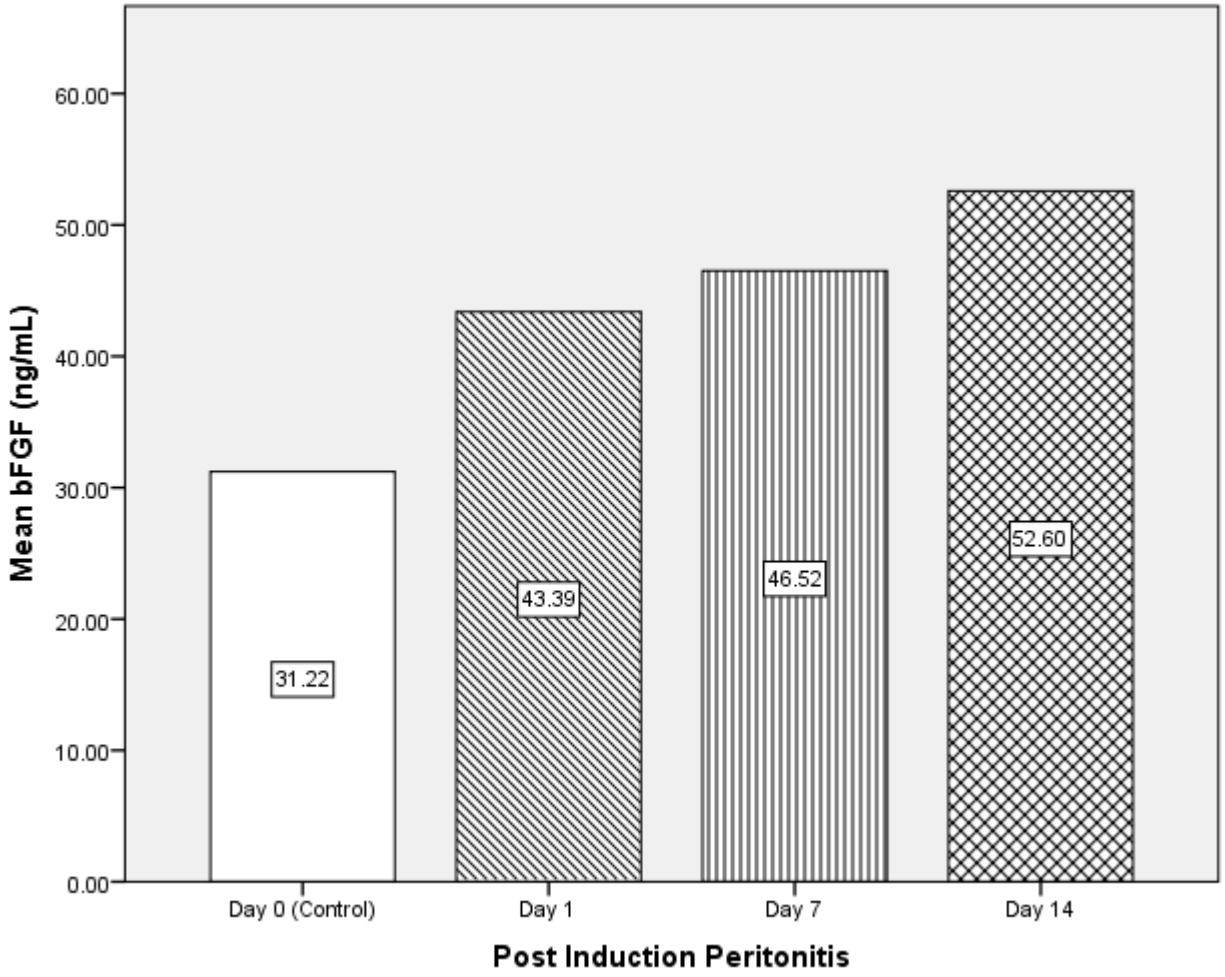
	grup	N	Mean	Std. Deviation	Std. Error Mean
bFGF07	1.00	6	31.2229	1.89624	.77414
	2.00	6	46.5199	4.70675	1.92152
bFGF014	1.00	6	31.2229	1.89624	.77414
	2.00	6	52.5984	5.50436	2.24715
bFGF714	1.00	6	46.5199	4.70675	1.92152
	2.00	6	52.5984	5.50436	2.24715

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
bFGF07	Equal variances assumed	4.421	.062	-7.384	10	.000	-15.29700	2.07160	-19.91281	-10.68119
	Equal variances not assumed			-7.384	6.581	.000	-15.29700	2.07160	-20.25942	-10.33458
bFGF014	Equal variances assumed	2.668	.133	-8.994	10	.000	-21.37550	2.37675	-26.67124	-16.07976
	Equal variances not assumed			-8.994	6.170	.000	-21.37550	2.37675	-27.15252	-15.59848
bFGF714	Equal variances assumed	.007	.933	-2.056	10	.067	-6.07850	2.95667	-12.66638	.50938
	Equal variances not assumed			-2.056	9.765	.068	-6.07850	2.95667	-12.68797	.53097

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=group MEAN(bFGF)[name="MEAN_bFGF"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: group=col(source(s), name("group"), unit.category())
  DATA: MEAN_bFGF=col(source(s), name("MEAN_bFGF"))
  GUIDE: axis(dim(1), label("group"))
  GUIDE: axis(dim(2), label("Mean bFGF"))
  SCALE: cat(dim(1), include("1.00", "2.00", "3.00", "4.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(group*MEAN_bFGF), shape.interior(shape.square))
END GPL.
```

GGraph




```
NONPAR CORR
  /VARIABLES=bFGF adhesi
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Correlations

			bFGF	adhesi
Spearman's rho	bFGF	Correlation Coefficient	1.000	.810**
		Sig. (2-tailed)	.	.000
		N	24	24
	adhesi	Correlation Coefficient	.810**	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

**. Correlation is significant at the 0.01 level (2-tailed).

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=adhesi bFGF MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: adhesi=col(source(s), name("adhesi"), unit.category())
  DATA: bFGF=col(source(s), name("bFGF"))
  GUIDE: axis(dim(1), label("adhesi"))
  GUIDE: axis(dim(2), label("bFGF"))
  SCALE: cat(dim(1), include("1.00", "2.00", "3.00", "4.00", "5.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: point(position(adhesi*bFGF))
END GPL.
```