

LAMPIRAN

Lampiran 1. Rata-rata Motilitas Individu Spermatozoa
Between-Subjects Factors

		Value Label	N
Perlakuan	1.00	Perlakua 1	5
	2.00	Perlakua 2	5
	3.00	Perlakua 3	5
	4.00	Perlaku 4	5

Descriptive Statistics
Dependent Variable: Motilitas_Individu spermatozoa

Perlakuan	Mean	Std. Deviation	N
Perlakuan1	78.0000	5.70088	5
Perlakuan2	68.0000	2.73861	5
Perlakuan3	59.0000	5.47723	5
Perlakuan4	45.0000	5.00000	5
Total	62.5000	13.22876	20

Levene's Test Of Equality Of Error Variances^a
Dependent Variable: Motilitas_Individu spermatozoa

F	df1	df2	Sig.
.545	3	16	.659

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects
Dependent Variable: motilitas_individu spermatozoa

Source	Type III Sum Of Squares	Df	Mean Square	F	Sig.
Corrected Model	2945.000 ^a	3	981.667	41.333	.000
Intercept	78125.000	1	78125.000	3289.474	.000
perlakuan	2945.000	3	981.667	41.333	.000
Error	380.000	16	23.750		
Total	81450.000	20			
Corrected Total	3325.000	19			

a. R Squared = .886 (Adjusted R Squared = .864)

Perlakuan
Dependent Variable: motilitas_individu spermatozoa

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Perlakuan1	78.000	2.179	73.380	82.620
Perlakuan2	68.000	2.179	63.380	72.620
Perlakuan3	59.000	2.179	54.380	63.620
Perlakuan4	45.000	2.179	40.380	49.620

Motilitas_Individu spermatozoa

Perlakuan		N	Subset			
			1	2	3	4
Duncan ^{a,B}	Perlakuan4	5	45.0000			
	Perlakuan3	5		59.0000		
	Perlakuan2	5			68.0000	
	Perlakuan1	5				78.0000
Sig.			1.000	1.000	1.000	1.000

Means For Groups In Homogeneous Subsets Are Displayed.

Based On Observed Means.

The Error Term Is Mean Square(Error) = 23.750.

A. Uses Harmonic Mean Sample Size = 5.000.

B. Alpha = ,05.

Lampiran 2. Rata-rata Viabilitas Spermatozoa

Between-Subjects Factors

		Value Label	N
Perlakuan	1.00	Perlakuan1	5
	2.00	Perlakuan2	5
	3.00	Perlakuan3	5
	4.00	Perlakuan4	5

Descriptive Statistics
Dependent Variable: Viabilitas spermatozoa

Perlakuan	Mean	Std. Deviation	N
Perlakuan1	86.6200	4.99219	5
Perlakuan2	81.2000	4.13219	5
Perlakuan3	80.6000	2.90259	5
Perlakuan4	77.3000	9.16924	5
Total	81.4300	6.33147	20

Levene's Test Of Equality Of Error Variances^a
Dependent Variable: Viabilitas

F	df1	df2	Sig.
4.267	3	16	.022

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects
Dependent Variable: viabilitas spermatozoa

Source	Type III Sum Of Squares	Df	Mean Square	F	Sig.
Corrected Model	223.674 ^a	3	74.558	2.217	.126
Intercept	132616.898	1	132616.898	3944.085	.000
Perlakuan	223.674	3	74.558	2.217	.126
Error	537.988	16	33.624		
Total	133378.560	20			
Corrected Total	761.662	19			

A. R Squared = .294 (Adjusted R Squared = .161)

Lampiran 3. Rata-Rata Abnormalitas Spermatozoa

Between-Subjects Factors

	Value Label	N	
Perlakuan	1.00	Perlakuan1	5
	2.00	Perlakuan2	5
	3.00	Perlakuan3	5
	4.00	Perlakuan4	5

Descriptive Statistics
Dependent Variable: Abnormalitas spermatozoa

Perlakuan	Mean	Std. Deviation	N
Perlakuan1	11.3000	1.30384	5
Perlakuan2	12.2000	4.32435	5
Perlakuan3	12.5000	2.73861	5
Perlakuan4	12.1000	2.40832	5
Total	12.0250	2.70222	20

Levene's Test Of Equality Of Error Variances^a
 Dependent Variable: Abnormalitas spermatozoa

F	df1	df2	Sig.
.846	3	16	.489

Tests The Null Hypothesis That The Error Variance Of The Dependent Variable Is Equal Across Groups.

A. Design: Intercept + Perlakuan

Tests Of Between-Subjects Effects
 Dependent Variable: Abnormalitas spermatozoa

Source	Type III Sum Of Squares	Df	Mean Square	F	Sig.
Corrected Model	3.938 ^a	3	1.313	.156	.924
Intercept	2892.013	1	2892.013	343.266	.000
Perlakuan	3.938	3	1.313	.156	.924
Error	134.800	16	8.425		
Total	3030.750	20			
Corrected Total	138.738	19			

A. R Squared = .028 (Adjusted R Squared = -.154)

Lampiran 4. Rata-Rata pH Semen

Between-Subjects Factors

		Value Label	N
Perlakuan	1.00	Perlakuan1	5
	2.00	Perlakuan2	5
	3.00	Perlakuan3	5
	4.00	Perlakuan4	5

Descriptive Statistics
 Dependent Variable: pH semen

Perlakuan	Mean	Std. Deviation	N
Perlakuan1	6.7480	.21638	5
Perlakuan2	6.6620	.05215	5
Perlakuan3	6.6160	.05983	5
Perlakuan4	6.5600	.02550	5
Total	6.6465	.12770	20

Levene's Test Of Equality Of Error Variances^a
 Dependent Variable: pH semen

F	df1	df2	Sig.
3.529	3	16	.039

Tests The Null Hypothesis That The Error Variance Of The Dependent Variable Is Equal Across Groups.

A. Design: Intercept + Perlakuan

Tests Of Between-Subjects Effects
 Dependent Variable: Ph semen

Source	Type III Sum Of Squares	Df	Mean Square	F	Sig.
Corrected Model	.095 ^a	3	.032	2.350	.111
Intercept	883.519	1	883.519	65725.813	.000
Perlakuan	.095	3	.032	2.350	.111
Error	.215	16	.013		
Total	883.829	20			
Corrected Total	.310	19			

A. R Squared = .306 (Adjusted R Squared = .176)

Lampiran 5. Gambar Penelitian



Gambar. Viabilitas Spermatozoa



Gambar. Abnormalitas Spermatozoa



Gambar. Kertas Indikator pH



Gambar. Preparat Apus.



Gambar. Proses Pengenceran Semen



Gambar. Penyimpanan Semen Cair

RIWAYAT HIDUP



Fransiskus Xaverius Manehat dilahirkan pada tanggal 08 November 1997 di Kukinu, Desa Naku, Kecamatan Biboki Feot Leu, Kabupaten Timor Tengah Utara. Penulis merupakan putra pertama dari tiga bersaudara buah cinta dari pasangan bapak Agustinus Nesi dan mama Yuliana Metkono. Pada tahun 2005 penulis masuk Sekolah Dasar Katolik (SDK)

Yaperna Kukinu dan tamat pada tahun 2011 dan pada tahun yang sama penulis melanjutkan pendidikannya pada Sekolah Menengah Pertama Negeri (SMPN) Naiola dan tamat pada tahun 2014. Kemudian penulis melanjutkan pendidikannya pada Sekolah Menengah Atas Negeri (SMAN) Noemuti dan tamat pada tahun 2017 dan pada tahun yang sama penulis melanjutkan pendidikannya pada Perguruan Tinggi Negeri Universitas Timor, Fakultas Pertanian, Program Studi Peternakan, hingga tahun 2021 penulis menyelesaikan studi dan memperoleh gelar Serjana Peternakan (S.Pt) dengan **Motto : Selalu Mendoakan Apa Yang Dikerjakan & Selalu Mengerjakan Apa Yang Didoakan.**