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LAMPIRAN

Lampiran 1. Data Libido, Testosteron, dan Kualitas Semen Sapi Simmental

Umur	Libido	Testosteron	Konsentrasi	Motilitas	Viabilitas	Abnormalitas
3	4	15,34	536	73	78,57	8,56
3	3	18,63	1.387	77	63,54	11,62
3	5	50,32	1.679	75	73,56	8,67
3	3	13,55	1.000	69	65,47	9,56
3	4	18,67	1.370	73	81,82	12,44
3	4	15,48	909	72	83,53	13,73
3	4	17,38	1.100	75	81,22	10,46
3	5	45,55	2.739	74	73,67	9,45
3	3	27,45	1.142	75	65,67	13,44
3	5	30,77	1.343	70	75,78	10,63
3	5	52,9	1.547	75	66,44	8,56
3	3	22,57	1.131	70	66,34	10,54
3	4	46,57	1.553	74	83,21	11,28
3	3	56,82	1.535	75	68,56	13,42
3	5	35,66	1.585	75	82,96	9,45
5	5	49,89	1200	78	78,56	7,56
5	4	30,61	1970	77	87,45	8,93
5	5	41,89	2319	77	82,56	8,29
5	4	29,81	1107	79	77,58	6,43
5	4	39,27	1300	78	78,65	7,53
5	5	50,58	1650	80	84,92	7,62
5	4	30,45	1224	77	76,62	8,92
5	4	38,63	923	78	66,67	7,47
5	4	25,37	967	80	70,94	8,33
6	5	47,88	1434	86	88,47	5,66
6	5	50,72	1984	88	87,46	6,72
6	5	48,67	2331	86	89,32	7,44
6	4	47,67	804	87	73,38	7,43
6	4	45,29	1480	87	78,52	6,71
6	4	54,06	1300	86	84,76	5,88
7	4	49,89	1300	72	69,52	8,75
7	3	30,61	1134	73	81,48	10,75
7	5	41,89	1598	73	73,33	10,35
7	4	29,81	1124	75	68,29	8,62
7	5	39,27	1400	75	82,76	9,03
7	5	50,58	1430	73	78,21	11,73
7	3	30,45	1002	77	85,6	8,44

7	3	38,63	896	75	86,57	11,51
7	3	25,37	1230	75	77,45	10,76

Lampiran 2. Analisis Data Penelitian

1. Analisis Regresi Umur

a. libido

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	4,043	,395		10,248	,000
	Umur	,018	,077	,037	,227	,822

a. Dependent Variable: libido

b. testosteron

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	24,676	6,169		4,000	0,000
	Umur	2,500	1,208	,322	2,070	0,045

a. Dependent Variable: testosterone

c. konsentrasi

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	1242,523	196,084		6,337	,000
	Umur	18,474	38,398	,079	,481	,633

a. Dependent Variable: konsentrasi

d. motilitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	71,370	2,379		30,004	,000
	Umur	1,114	,466	,366	2,392	,022

a. Dependent Variable: motilitas

e. viabilitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	70,125	3,614		19,402	,000
	Umur	1,506	,708	,330	2,127	,040

a. Dependent Variable: viabilitas

f. abnormalitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	11,606	,995		11,661	,000
	Umur	-,476	,195	-,373	-2,442	,020

a. Dependent Variable: abnormalitas

2. Analisis Regresi Testosteron

a. libido

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	2,989	,333		8,983	,000
	Testosteron	,031	,009	,511	3,615	,001

a. Dependent Variable: Libido

b. konsentrasi

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	T	Sig.
1	(Constant)	762,204	194,847		3,912	0,000
	testosteron	16,681	5,014	,480	3,327	0,002

a. Dependent Variable: konsentrasi

c. motilitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	69,948	2,208		31,675	0,000
	testosteron	0,185	0,057	,473	3,262	0,002

a. Dependent Variable: motilitas

d. viabilitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	73,479	3,691		19,908	0,000
	testosteron	0,107	0,095	,182	1,128	0,267

a. Dependent Variable: viabilitas

e. abnormalitas

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	11,663	0,968		12,048	0,000
	testosteron	-0,064	0,025	,390	-2,578	0,014

a. Dependent Variable: abnormalitas

Lampiran 3. Dokumentasi Penelitian

A. Penampungan Semen, Pengamatan Libido, dan Pengambilan Sampel Darah

Pengamatan Libido dan Penampungan Semen

Pengambilan Sampel Darah

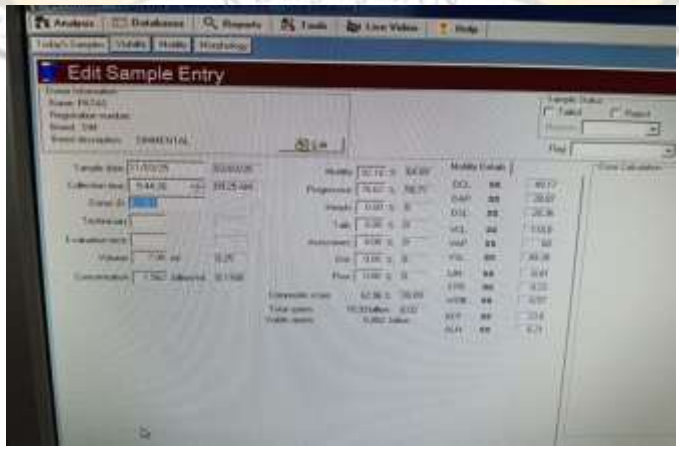
Pengambilan Sampel Darah

Pengambilan Sampel Darah

Sentrifus Sampel Darah dan Serum darah hasil Sentrifus

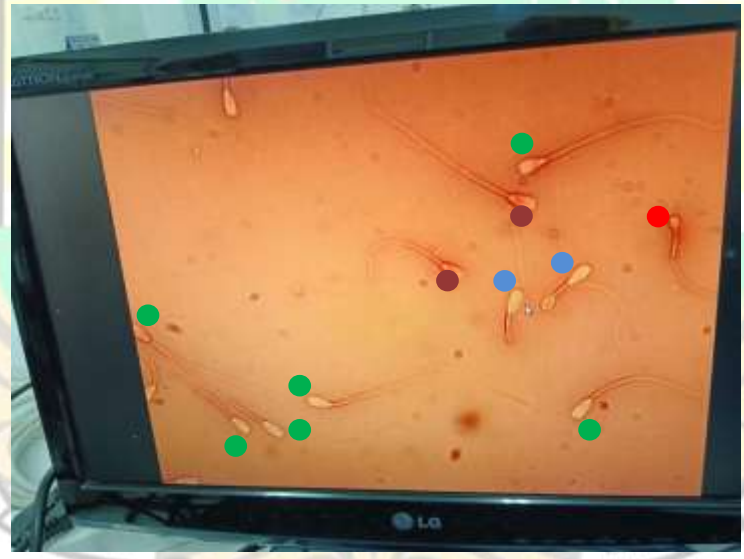
B. Pengamatan Kualitas Semen

Pemeriksaan Konsentari dan Motilitas Spermatozoa dengan CASA



Hasil Pemeriksaan Konsentari dan Motilitas Spermatozoa dengan CASA

Pemeriksaan Viabilitas dan Abnormalitas Spermatozoa



Keterangan:
- Hidup, normal
- Hidup, tidak normal
- Mati, normal
- Mati, tidak normal