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LAMPIRAN

Lampiran 1 Data Penelitian

DATA PENELITIAN PEMERIKSAAN ELEKTROLIT PRE DAN POST HEMODIALISIS

NO	PATIENT NAME	SEX	Pre			Post		
			Na	K	Cl	Na	K	Cl
1	A1	MALE	136	3.8	106.3	138	3.3	106.5
2	A2	FEMALE	137	4	106.1	135	3.3	99
3	A3	FEMALE	135	6.5	95	141	3.6	105.4
4	A4	MALE	136	4.2	105.2	137	3.5	101.9
5	A5	MALE	132	4.1	97.4	131	4.2	97.3
6	A6	MALE	138	4.3	102.5	142	4.5	109.5
7	A7	MALE	131	4.1	100.2	136	3.7	105.2
8	A8	MALE	142	4.5	109.5	137	4.2	105.9
9	A9	MALE	130	3.8	89.9	134	3.9	95
10	A10	MALE	136	4.5	99.2	138	3.9	100.8
11	A11	MALE	131	4.5	104.2	135	3.9	102.7
12	A12	MALE	133	3.8	82.9	137	3.4	88.6
13	A13	FEMALE	134	3.8	99	139	3.7	104.6
14	A14	FEMALE	141	2.9	105.4	143	3	106.6
15	A15	MALE	135	3.8	105	141	3	105.5
16	A16	FEMALE	137	3.2	100.7	138	3.2	100.3
17	A17	FEMALE	138	3.2	100.3	138	3.9	101.6
18	A18	FEMALE	141	4	103.1	140	3.9	101.9
19	A19	FEMALE	138	3.9	103.2	134	4.2	101.4
20	A20	FEMALE	134	4.6	98.8	134	4.3	101.4
21	A21	FEMALE	132	5.1	98.9	137	4.8	105
22	A22	MALE	139	4.1	107.6	137	4	102.1
23	A23	MALE	135	2.8	102.9	136	3.5	105.6
24	A24	MALE	135	5.2	103.5	130	4.6	97.2
25	A25	FEMALE	134	4.7	102.9	134	4.3	101.2
26	A26	MALE	140	3.7	105.4	137	3.1	103.3
27	A27	FEMALE	140	2.9	104.6	137	3.5	102
28	A28	MALE	136	3.9	108	137	3.4	103.5
29	A29	MALE	137	4.1	101.8	139	3.6	104.8
30	A30	MALE	133	4.2	97.3	135	3.3	100.2
31	A31	FEMALE	135	4.4	104.4	141	3.1	107.2
32	A32	MALE	132	3.4	96.2	134	3.1	98.4
33	A33	FEMALE	142	3.6	104.8	138	4	100.9
34	A34	FEMALE	138	4	100.9	140	3.2	102.3
35	A35	FEMALE	130	5.4	99.9	132	4.2	100.1
36	A36	MALE	136	4.9	103.7	136	5	100.3
37	A37	FEMALE	134	3.7	103.1	138	3.2	96
38	A38	MALE	139	4.1	103.5	138	3.7	100.6
39	A39	FEMALE	138	3.2	96	139	3.1	103.9
40	A40	MALE	128	5	101.5	133	3.2	93.9
41	A41	MALE	133	4.1	96.8	138	3.6	101.6
42	A42	FEMALE	131	3.6	98.2	138	3	103
43	A43	FEMALE	137	4.2	102.7	139	3.1	104.1
44	A44	MALE	133	3.6	106.9	137	3.1	104.6
45	A45	MALE	138	3.3	106.5	136	3.8	106.3
46	A46	MALE	141	3	106.1	142	3.1	106.9
47	A47	MALE	132	3.8	99.1	134	3.5	101.1
48	A48	FEMALE	139	4.3	103.8	141	3.6	100
49	A49	MALE	142	3.9	110.5	137	3.5	106.1
50	A50	FEMALE	134	7.1	97.5	134	4.5	99.9

51	A51	FEMALE	141	3.5	110.4	142	3	105.9
52	A52	MALE	139	7.2	105.3	146	4.7	12.5
53	A53	FEMALE	138	5.5	114	139	3.6	104.2
54	A54	FEMALE	139	4.1	98.6	140	3.3	104.2
55	A55	MALE	129	6.9	92	136	3.6	101.5
56	A56	MALE	139	4.5	109.7	139	3	104.7
57	A57	MALE	135	4.4	100.9	140	4	104.2
58	A58	MALE	128	6.4	85	135	3.9	95.8
59	A59	FEMALE	133	6.9	97	135	6.5	104.8
60	A60	FEMALE	139	4.2	109.7	141	3.3	106.8
61	A61	FEMALE	132	4.6	92.5	137	4.5	94.2
62	A62	FEMALE	134	4.8	90.5	141	3.5	90.6
63	A63	FEMALE	124	4.2	94.8	134	3.3	97
64	A64	MALE	136	3.5	102.1	137	2.9	103.8
65	A65	FEMALE	137	4.6	107.3	137	4.1	105.4
66	A66	MALE	134	4.6	99.6	134	4.7	97.5
67	A67	FEMALE	140	4.6	104.2	137	3.8	102.8
68	A68	FEMALE	135	4.7	101.6	136	3.1	101.1
69	A69	FEMALE	135	3.6	103.1	134	3.7	102.2
70	A70	FEMALE	139	5.1	101.1	132	3.9	95.5
71	A71	FEMALE	138	3.6	100.1	138	4.3	101.9
72	A72	FEMALE	130	5.1	98.2	130	6.2	95.1
73	A73	FEMALE	130	4.4	102.9	137	4.4	100
74	A74	FEMALE	132	3.9	101.6	133	3.3	101.4
75	A75	MALE	135	3.6	103.1	138	4	106
76	A76	FEMALE	135	3.3	99.8	134	3.5	100.3
77	A77	FEMALE	134	3.5	100.3	137	3.3	102.5
78	A78	FEMALE	134	3.6	104	138	2.9	104.7
79	A79	FEMALE	134	3.8	104.4	133	3.5	99.7
80	A80	FEMALE	134	5.1	101	136	3.5	95
81	A81	MALE	140	3.3	105.2	141	3.1	105.8
82	A82	FEMALE	123	6.2	88	136	3.4	103.9
83	A83	FEMALE	139	3.8	102	136	3.7	104.6
84	A84	MALE	137	4.9	100.1	139	3.8	100.8
85	A85	FEMALE	138	4.8	112	132	4.5	103.9
86	A86	MALE	140	4.1	105.7	141	3.23	108.1
87	A87	MALE	136	3.3	104.4	137	3.7	98
88	A88	MALE	135	4.6	101.6	136	3.6	101.3
89	A89	MALE	135	4.3	97.4	136	3.4	101.3
90	A90	FEMALE	140	4	99.8	138	3.5	100.5
91	A91	MALE	137	4.9	100.1	139	3.8	100.8
92	A92	FEMALE	137	6.1	110.4	137	4.6	109.4
93	A93	FEMALE	137	4.1	94	134	3.4	99.6
94	A94	FEMALE	137	3.1	102.4	136	4	101
95	A95	FEMALE	136	4	107.6	135	4.4	108.8
96	A96	FEMALE	122	6.1	90.9	128	5.6	95.8
97	A97	FEMALE	125	4.4	93.9	124	4	93.8
98	A98	FEMALE	130	4.5	92	133	3.8	100.1
99	A99	FEMALE	131	5.2	92	135	4.3	100.5
100	A100	FEMALE	138	5.1	104.4	134	4.7	100.2

101	A101	FEMALE	138	3.4	100.5	138	3.9	101.3
102	A102	FEMALE	134	7.5	95	139	4.1	103.8
103	A103	MALE	150	3.3	122.7	152	3.6	121.3
104	A104	FEMALE	135	3.9	100.9	135	3.4	102.1
105	A105	FEMALE	137	3.3	102.5	133	3.4	100.3
106	A106	FEMALE	124	6.4	91	135	4	93
107	A107	FEMALE	124	4.9	94.1	135	3.3	101.1
108	A108	FEMALE	131	3.8	98.1	132	2.8	100
109	A109	FEMALE	136	3.9	103.2	137	3.5	104.4
110	A110	MALE	138	3.5	103.4	135	3.4	100.8
111	A111	MALE	135	3.4	100.8	135	3.4	103.1
112	A112	MALE	133	4	98.6	133	4	98.6
113	A113	MALE	130	3.9	98.8	133	4	98.6
114	A114	MALE	135	3.4	100.8	135	3.4	103.1
115	A115	FEMALE	133	5.9	95	138	3.3	106.1
116	A116	FEMALE	128	5.9	91	135	4.1	102
117	A117	FEMALE	135	4.2	102.3	136	3.7	101
118	A118	FEMALE	126	4.9	97.8	134	3.2	100.7
119	A119	MALE	123	4.9	87.8	139	3.4	102.4
120	A120	MALE	132	3.7	92.8	131	4.3	93.4
121	A121	MALE	129	4.2	90	132	5.1	95.6
122	A122	FEMALE	114	6.1	88.9	124	4.4	95.8
123	A123	FEMALE	138	4.9	101.9	139	3.9	104.8
124	A124	FEMALE	135	5.9	107	140	6.3	99
125	A125	MALE	143	3.4	92	137	3.4	97.9
126	A126	MALE	142	5.9	4.7	137	3.3	84
127	A127	FEMALE	135	5.2	101	135	3.6	98.7
128	A128	MALE	136	3.1	102.8	140	3.6	103.1
129	A129	MALE	137	3.9	104.9	139	3.2	97
130	A130	FEMALE	132	4.8	98.4	135	4.3	100.9
131	A131	MALE	135	6.3	99	131	7.3	102.8
132	A132	MALE	137	4.4	106.2	140	3.5	106.6
133	A133	FEMALE	134	5.4	94	132	4.9	95
134	A134	FEMALE	134	3.1	92	135	2.9	93
135	A135	MALE	133	5	99.3	134	4	102.1
136	A136	FEMALE	138	3.3	101.5	137	3	102.4
137	A137	MALE	139	4.3	105.8	138	3.4	103.8
138	A138	MALE	138	3.9	106	136	4.9	98
139	A139	MALE	143	3.1	104.8	139	2.7	104.6
140	A140	FEMALE	132	4.4	100	137	3.4	99.3
141	A141	FEMALE	132	4.4	100	137	3.4	99.3
142	A142	FEMALE	131	4.9	104.5	139	4.6	106.9
143	A143	MALE	136	5.4	100.2	139	5	103.8
144	A144	FEMALE	123	6.2	88	136	3.4	103.9
145	A145	FEMALE	131	4.2	96.7	136	3.2	101.4
146	A146	FEMALE	127	5.4	96.9	133	3.7	98.4
147	A147	FEMALE	136	3.9	109.3	142	3.1	98
148	A148	MALE	129	4	93	125	4.1	91.1
149	A149	MALE	135	4.6	89	139	3.8	100.9
150	A150	FEMALE	137	6	94	139	3.8	102
151	A151	FEMALE	139	3.8	102	136	3.7	104.6
152	A152	FEMALE	142	5.3	103.5	147	3.3	102
153	A153	FEMALE	134	6.2	98	137	3.7	104.9
154	A154	MALE	138	2.8	97.7	134	3.9	96.4
155	A155	MALE	136	3.4	95	139	3.2	106.4
156	A156	MALE	136	2.8	100	140	3.6	107.5
157	A157	MALE	135	2.7	98	136	2.8	105.7
158	A158	FEMALE	139	4.1	107.3	138	3.6	104
159	A159	FEMALE	133	3.3	98.7	136	3.9	102.4
160	A160	FEMALE	133	4.9	101.3	135	3.7	103.1

Lampiran 2 Olah Data SPSS

Descriptives

			Statistic	Std. Error
Natrium Pre HD	Mean		134.7875	.37632
	95% Confidence Interval for Mean	Lower Bound	134.0443	
		Upper Bound	135.5307	
	5% Trimmed Mean		135.0208	
	Median		135.0000	
	Variance		22.659	
	Std. Deviation		4.76014	
	Minimum		114.00	
	Maximum		150.00	
	Range		36.00	
	Interquartile Range		5.75	
	Skewness		-.872	.192
	Kurtosis		2.518	.381
Natrium Post HD	Mean		136.5313	.28579
	95% Confidence Interval for Mean	Lower Bound	135.9668	
		Upper Bound	137.0957	
	5% Trimmed Mean		136.5694	
	Median		137.0000	
	Variance		13.068	
	Std. Deviation		3.61500	
	Minimum		124.00	
	Maximum		152.00	
	Range		28.00	
	Interquartile Range		4.00	
	Skewness		-.053	.192
	Kurtosis		3.482	.381
Kalium Pre HD	Mean		4.3775	.07904
	95% Confidence Interval for Mean	Lower Bound	4.2214	
		Upper Bound	4.5336	
	5% Trimmed Mean		4.3229	
	Median		4.2000	
	Variance		1.000	
	Std. Deviation		.99981	

	Minimum		2.70	
	Maximum		7.50	
	Range		4.80	
	Interquartile Range		1.20	
	Skewness		.876	.192
	Kurtosis		.472	.381
Kalium Post HD	Mean		3.7746	.05533
	95% Confidence Interval for Mean	Lower Bound	3.6653	
		Upper Bound	3.8838	
	5% Trimmed Mean		3.7078	
	Median		3.6000	
	Variance		.490	
	Std. Deviation		.69992	
	Minimum		2.70	
	Maximum		7.30	
	Range		4.60	
	Interquartile Range		.70	
	Skewness		1.916	.192
	Kurtosis		5.783	.381
Klorida Pre HD	Mean		99.8625	.75790
	95% Confidence Interval for Mean	Lower Bound	98.3656	
		Upper Bound	101.3594	
	5% Trimmed Mean		100.4465	
	Median		100.9000	
	Variance		91.907	
	Std. Deviation		9.58679	
	Minimum		4.70	
	Maximum		122.70	
	Range		118.00	
	Interquartile Range		6.95	
	Skewness		-6.190	.192
	Kurtosis		60.939	.381
Klorida Post HD	Mean		100.9181	.65569
	95% Confidence Interval for Mean	Lower Bound	99.6231	
		Upper Bound	102.2131	
	5% Trimmed Mean		101.5417	
	Median		101.6000	

	Variance	68.788	
	Std. Deviation	8.29386	
	Minimum	12.50	
	Maximum	121.30	
	Range	108.80	
	Interquartile Range	4.98	
	Skewness	-7.697	.192
	Kurtosis	81.808	.381

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Natrium Pre HD	.122	160	.000	.944	160	.000
Natrium Post HD	.098	160	.001	.942	160	.000
Kalium Pre HD	.114	160	.000	.943	160	.000
Kalium Post HD	.136	160	.000	.855	160	.000
Klorida Pre HD	.158	160	.000	.594	160	.000
Klorida Post HD	.192	160	.000	.480	160	.000

a. Lilliefors Significance Correction

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Natrium Post HD - Natrium Pre HD	Negative Ranks	41[a]	63.39	2599.00
	Positive Ranks	102[b]	75.46	7697.00
	Ties	17[c]		
	Total	160		
Kalium Post HD - Kalium Pre HD	Negative Ranks	118[d]	85.15	10047.50
	Positive Ranks	36[e]	52.43	1887.50
	Ties	6[f]		
	Total	160		

Klorida Post HD - Klorida Pre HD	Negative Ranks	64[g]	75.57	4836.50
	Positive Ranks	95[h]	82.98	7883.50
	Ties	1[i]		
	Total	160		

a. Natrium Post HD < Natrium Pre HD

b. Natrium Post HD > Natrium Pre HD

c. Natrium Post HD = Natrium Pre HD

d. Kalium Post HD < Kalium Pre HD

e. Kalium Post HD > Kalium Pre HD

f. Kalium Post HD = Kalium Pre HD

g. Klorida Post HD < Klorida Pre HD

h. Klorida Post HD > Klorida Pre HD

i. Klorida Post HD = Klorida Pre HD

Test Statistics[a]

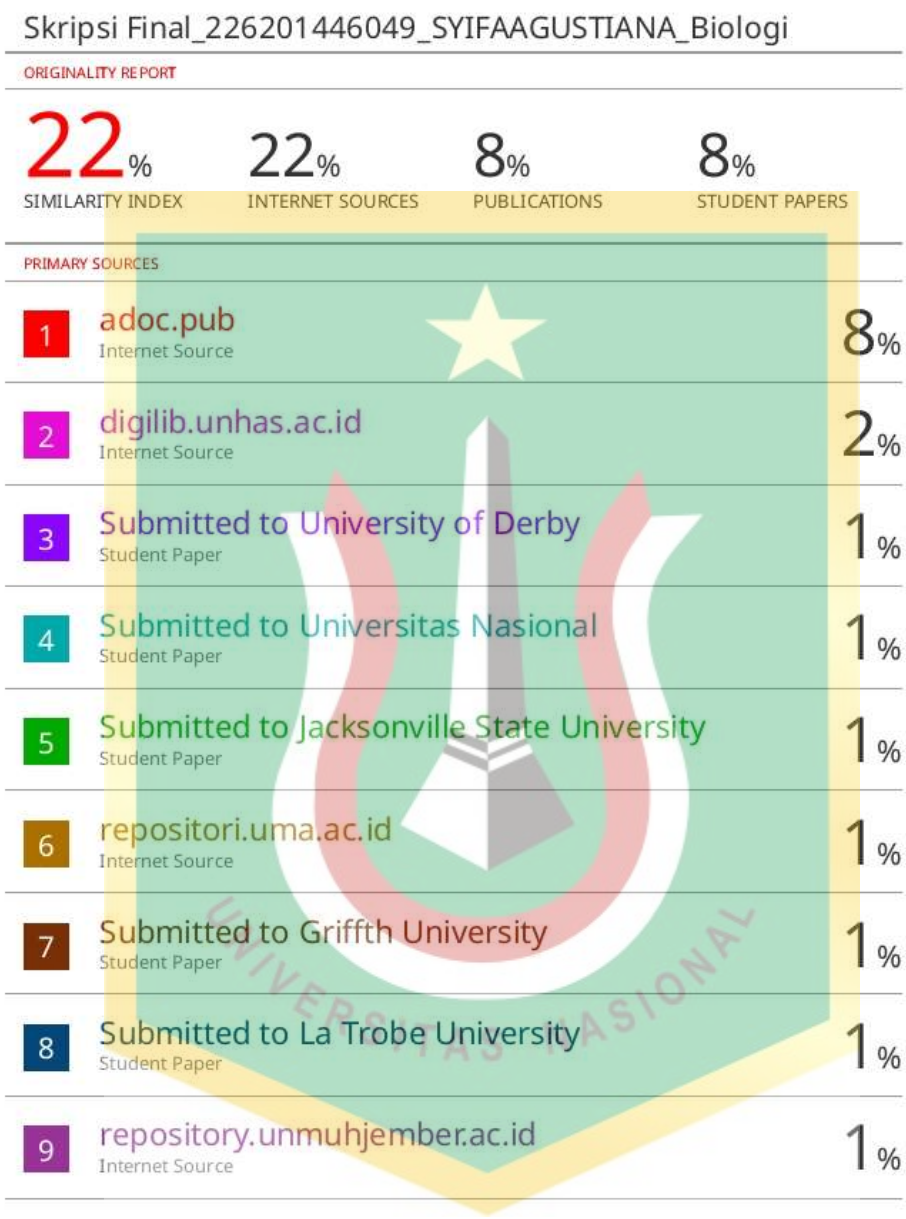
	Natrium Post HD - Natrium Pre HD	Kalium Post HD - Kalium Pre HD	Klorida Post HD - Klorida Pre HD
Z	-5.156[b]	-7.365[c]	-2.620[b]
Asymp. Sig. (2-tailed)	.001	.001	.009

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. Based on positive ranks.

Lampiran 3 Turnitin



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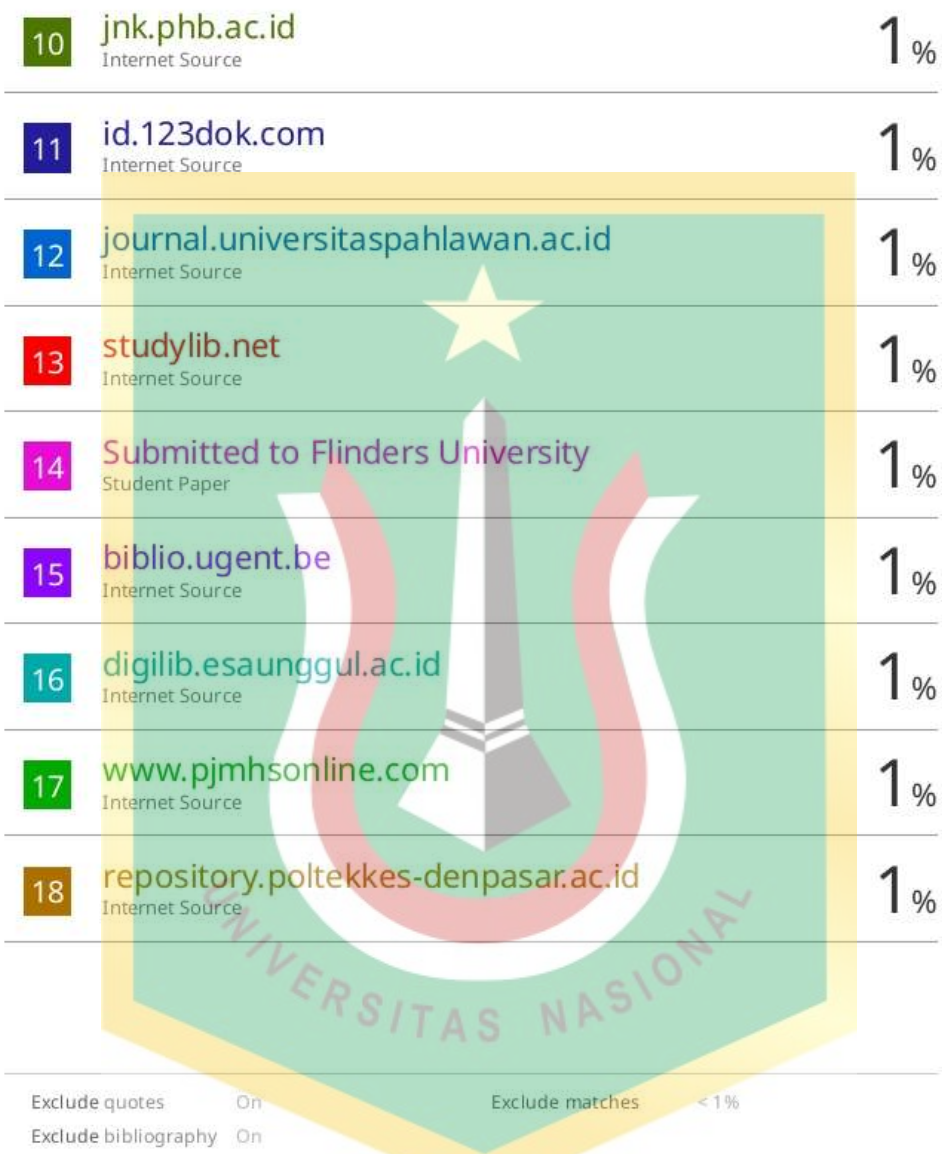
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