

**Appendix A.** Baseline clinical status by CKD IRIS and anemia severity classification of the included patients.

No.	Patient's Initial	Age (years)	Sex	Weight (lbs)	SDMA ( $\mu\text{g}/\text{dl}$ )	Creatinine ( $\text{mg}/\text{dl}$ )	RBC ( $\text{M}/\mu\text{L}$ )	HCT (%)	HGB ( $\text{g}/\text{dL}$ )	CKD IRIS	Anemia Severity
1	R	9	Male	24.7	15	0.8	4.07	30.2	10	Early	Mild
2	M	13	Female	11	15	1.1	7.36	44.1	14.9	Early	Normal
3	D	12	Female	21.5	16	0.6	6.61	45.6	14.3	Early	Normal
4	K	8	Female	27.8	54	12.7	3.11	16.9	5.8	Advanced	Severe
5	B	11	Male	8.55	32	6.8	0.81	5.4	2.4	Advanced	Very Severe
6	S	8	Female	24	16	1.1	8.37	56.8	20	Early	Normal
7	M	8	Female	9.4	14	0.8	9.48	64	15.9	Normal	Normal
8	D	10	Male	10.7	28	2	2.9	22.4	7.5	Moderate	Moderate
9	L	12	Female	2.9	15	0.4	5.94	37.4	15	Early	Normal
10	G	7	Female	11.2	17	0.8	7.42	52.5	18.7	Early	Normal
11	F	11	Female	10	17	0.7	4.88	23.4	11.8	Early	Moderate
12	C	13	Male	12.2	16	1.1	7.7	52.9	17.8	Early	Normal
13	M	12	Male	6	13	0.6	7.3	49.3	17.1	Normal	Normal
14	Y	16	Male	7	27	2.5	6.47	41.8	14.1	Moderate	Normal
15	H	12	Male	8	22	1.2	4.29	27.3	10.1	Moderate	Moderate
16	E	9	Female	6.2	18	0.8	7.12	50.7	17.8	Moderate	Normal
17	S	11	Male	25.8	17	1.2	7.88	48.7	17	Early	Normal
18	C	11	Female	62.8	18	1.1	5.96	38.6	11.8	Moderate	Normal
19	S	8	Female	7.4	13	0.4	5.3	29.9	27	Normal	Moderate
20	M	10	Male	19.6	15	0.8	7.93	55.2	15.8	Early	Normal
21	T	11	Female	59	28	1.9	5.61	35.4	11.6	Moderate	Mild
22	M	10	Female	12.2	22	1	6.64	41.2	13.4	Moderate	Normal
23	B	10	Female	4.8	14	0.9	7.23	51.9	17.8	Normal	Normal
24	B	15	Male	28.4	60	10.7	4.01	24.3	8.9	Advanced	Moderate
25	M	12	Female	19.4	16	0.9	6.93	48.4	17.3	Early	Normal
26	M	12	Female	21.8	31	1.9	3.88	21.8	7.1	Moderate	Moderate
27	N	10	Female	55	19	1.1	5.16	37.9	11.6	Moderate	Normal
28	M	10	Female	4.4	28	1.4	4.94	32.4	11.6	Moderate	Mild
29	E	7	Female	5.4	17	0.7	5.82	37.7	14.8	Early	Normal
30	S	4	Male	78	20	1.8	6.84	36.6	13.2	Moderate	Mild
31	G	13	Male	12	17	1	9.28	41	18.5	Early	Normal
32	N	10	Female	9.4	15	0.7	7.22	47.8	16.9	Early	Normal
33	R	1	Female	4.2	17	0.4	0.75	6.2	2.6	Early	Very Severe
34	Q	10	Female	13.6	17	0.9	7.67	51.1	16.2	Early	Normal
35	C	11	Female	20	24	1.4	5.65	33.7	10.8	Moderate	Mild
36	N	10	Female	49.2	18	1.3	8.77	50.5	19	Moderate	Normal
37	B	12	Male	5.5	>100	N/A	5.79	42.3	14.9	Advanced	Normal
38	C	12	Female	5.6	17	0.5	7.86	48	15.7	Early	Normal
39	B	8	Female	32.9	19	1.8	7.19	49.5	11.2	Moderate	Normal
40	M	12	Female	24.6	30	1.8	8.82	53.4	19.2	Moderate	Normal
41	C	12	Female	14.6	15	0.7	8.31	57.6	20	Early	Normal
42	O	10	Male	10	32	4.1	5.44	38.3	12.5	Advanced	Normal
43	B	10	Male	5.8	20	0.8	7.19	43.9	14	Moderate	Normal
44	Y	7	Male	70	15	0.8	6.61	41.5	16.2	Early	Normal
45	C	11	Female	60.4	26	2.1	6.6	40.3	11.9	Moderate	Normal
46	A	12	Female	11.4	14	0.8	6.68	45.8	16	Normal	Normal

47	B	12	Female	14.6	16	0.5	8.24	57.3	19.9	Early	Normal
48	Q	9	Female	7	17	0.7	7.66	55.7	18.1	Early	Normal
49	G	12	Male	11.5	16	1	9.35	60.6	20.9	Early	Normal
50	C	8	Female	2.4	16	0.7	6.12	44.4	16.2	Early	Normal
51	C	12	Female	12.9	23	1	6.45	49.2	14.9	Moderate	Normal
52	M	12	Male	58	15	0.9	6.76	42.8	14.2	Early	Normal
53	J	15	Female	7.2	17	0.8	7.15	52.3	18.1	Early	Normal
54	H	8	Male	3.8	24	1.2	5.94	39	13.4	Moderate	Normal
55	C	13	Male	26.1	16	1.1	8.37	45.9	19.6	Early	Normal
56	K	10	Male	14.2	13	0.6	7.49	47.8	16.2	Normal	Normal
57	M	11	Male	6.7	14	0.6	4.99	35.5	11.8	Normal	Mild
58	M	9	Female	8.8	16	0.7	8.37	50.9	18	Early	Normal
59	M	7	Male	10.3	15	0.7	5.69	32.2	11.9	Early	Mild
60	M	12	Female	12.6	16	0.9	8.83	57.2	19.7	Early	Normal
61	F	11	Female	7.8	14	0.6	6.92	46.55	14.6	Normal	Normal
62	D	12	Female	8.7	14	0.5	5.46	39	12.7	Normal	Normal
63	S	9	Male	53	15	1.3	7.1	48.1	16.4	Early	Normal
64	F	17	Male	15	17	0.8	6.21	40.1	14	Early	Normal
65	Z	3	Female	11.6	14	1	9.26	62.2	20.8	Normal	Normal
66	B	13	Female	11.2	21	0.6	3.52	21.4	7	Moderate	Moderate
67	M	8	Female	6.6	22	0.9	6.41	42.4	14.6	Moderate	Normal
68	H	10	Male	26.2	24	1.7	2.58	17.1	5.5	Moderate	Severe
69	M	11	Male	6.8	15	0.7	7.07	50.6	16.3	Early	Normal
70	N	9	Female	12.6	17	0.7	8.59	53.8	17.5	Early	Normal
71	Q	15	Female	4.7	26	1.4	7.46	57.7	20.1	Moderate	Normal
72	M	9	Male	5.2	18	0.9	8.43	53.8	15.5	Moderate	Normal
73	H	10	Male	26.2	20	1.7	2.02	13.4	4.3	Moderate	Severe
74	K	9	Female	40	17	1.3	6.07	42.5	15.1	Early	Normal
75	B	8	Female	32.9	21	1.4	6.94	47.5	17.7	Moderate	Normal
76	H	8	Male	4.5	19	0.5	4.7	31.3	11.3	Moderate	Mild
77	L	12	Male	5.4	17	0.7	7.06	44.7	16	Early	Normal
78	Q	9	Female	9.8	14	0.4	7.22	41.8	13	Normal	Normal
79	L	10	Female	6.8	17	1	9.27	61.8	22	Early	Normal
80	M	12	Female	23.4	35	2.8	4.16	26.7	9	Moderate	Moderate
81	O	11	Female	3.5	17	0.7	7.49	58.2	16.1	Early	Normal
82	A	11	Female	62.8	14	0.7	6.41	43.7	14.5	Normal	Normal
83	M	12	Male	16	43	2.9	6.28	47.1	17	Advanced	Normal
84	N	9	Female	12.2	13	0.5	1.31	5.8	2.1	Normal	Very Severe
85	C	11	Female	23	17	0.8	6.02	39.6	14.2	Early	Normal
86	F	11	Female	8	16	0.9	7.66	49.8	18	Early	Normal
87	S	8	Female	7.4	19	0.8	7.1	46.9	14.6	Moderate	Normal
88	N	10	Female	54	18	1.1	5.67	42.7	13.9	Moderate	Normal
89	J	7	Female	18	17	1.1	6.76	44.9	15.5	Early	Normal
90	S	14	Female	13.5	37	12.4	5.44	31.4	12.3	Advanced	Mild
91	M	8	Female	6.4	52	1.7	5.59	37.7	12.7	Advanced	Normal
92	H	15	Male	14	22	1.6	6.29	41.7	12.3	Moderate	Normal
93	S	13	Female	8.2	18	0.6	5.74	38.4	12.6	Moderate	Normal
94	C	7	Female	46	16	1	6.71	49.3	14.2	Early	Normal
95	L	9	Female	6.8	16	1.1	8.51	59.2	20.8	Early	Normal
96	F	11	Female	6.9	36	3.6	7.37	47.1	16.7	Advanced	Normal
97	H	15	Male	24.4	16	0.4	4.75	33.7	<0.5	Early	Mild
98	Y	5	Female	79.4	15	1.1	5.41	36.1	6.2	Early	Mild

99	M	6	Male	10.8	14	0.8	7.4	52.4	17.6	Normal	Normal
100	N	12	Male	10.5	15	0.8	5.39	36.5	10.7	Early	Mild
101	T	11	Male	21	15	1	7.98	57.4	20.5	Early	Normal
102	H	9	Male	64	18	1.3	6.56	50.5	16.2	Moderate	Normal
103	G	7	Female	12	17	0.8	8.01	56.8	18.3	Early	Normal
104	J	13	Male	6.2	17	1.1	6.13	41.5	14.6	Early	Normal
105	S	15	Female	13.4	17	1.1	6.76	46.8	17.9	Early	Normal
106	V	13	Female	4.9	18	0.9	6.14	44.4	13.5	Moderate	Normal
107	M	10	Female	19.1	11	0.4	8.76	52.4	19.2	Normal	Normal
108	B	10	Female	4	18	1.1	6.06	42.6	15.8	Moderate	Normal
109	A	5	Female	92	16	0.9	6.52	39.7	13.2	Early	Normal
110	A	12	Male	5.3	34	2.5	4.02	26.3	9.6	Moderate	Moderate
111	M	6	Male	7.7	18	1	7.15	49	17.2	Moderate	Normal
112	C	11	Female	62.6	18	1	6.28	41	13.6	Moderate	Normal
113	B	9	Female	33.8	19	1	7.96	43.2	14.5	Moderate	Normal
114	A	7	Male	5	16	0.5	7.44	52.1	19	Early	Normal
115	M	10	Male	8.4	18	0.7	7.76	52.2	18.1	Moderate	Normal
116	B	6	Male	62	14	1.3	6.19	42.2	14.5	Early	Normal
117	S	8	Female	6	18	0.6	4.29	32.8	10	Moderate	Mild
118	J	14	Male	5.9	16	1.1	7.06	48.3	13.7	Early	Normal
119	D	10	Male	11	35	3.4	4.36	31.9	11	Advanced	Mild
120	M	12	Female	4.2	24	1.4	4.18	28.6	10	Moderate	Moderate
121	B	14	Female	26.4	17	1	8.53	54.9	17/2	Early	Normal
122	S	4	Male	69	42	4.2	3.17	18.2	0.8	Advanced	Severe
123	M	4	Male	11.4	15	1	8.21	60.1	20.4	Early	Normal
124	E	9	Male	8	15	0.9	8.41	69.1	20.2	Early	Normal
125	Q	15	Female	4.7	80	5	7.24	55.1	18.7	Advanced	Normal
126	G	7	Female	11.8	15	0.7	6.95	50.8	17.1	Early	Normal
127	M	7	Female	53.8	16	0.9	4.8	32.7	9.7	Early	Mild
128	N	9	Female	57	17	0.8	4.44	32.3	10.6	Early	Mild
129	C	11	Female	20	16	0.8	5.4	33.9	13.1	Early	Mild
130	M	7	Male	9.2	16	0.7	6.16	40.7	14.4	Early	Normal
131	D	9	Female	8	15	1	6.64	45.8	15.4	Early	Normal
132	W	2	Female	18.4	15	1	6.98	55	17.8	Early	Normal
133	B	10	Male	27.2	19	0.9	3.95	32.9	10.4	Moderate	Mild
134	D	10	Male	12.4	49	9.9	4.85	36.1	11.7	Advanced	Mild
135	B	12	Male	6.8	18	0.9	4.11	36.9	89.8	Moderate	Mild
136	A	12	Male	4.5	13	1.6	1.12	7.2	3.4	Normal	Very Severe
137	M	14	Male	9.2	16	0.8	7.22	49.5	17.3	Early	Normal
138	M	13	Female	28.6	15	0.8	9.13	57.5	18.9	Early	Normal
139	M	12	Male	15.4	15	0.7	6.57	46.9	13.1	Early	Normal
140	K	10	Male	8.7	17	1.3	8.67	57.6	18.7	Early	Normal
141	E	9	Male	7	21	1.4	5.6	39.8	12.5	Moderate	Normal
142	K	12	Female	7.8	16	0.9	7.06	50.9	16.1	Early	Normal
143	M	12	Female	8.5	20	0.7	4.5	33	11.9	Moderate	Mild
144	S	12	Female	9.9	15	0.8	8.18	58	19.1	Early	Normal
145	S	3	Male	17.4	16	0.9	7.56	54.9	18.5	Early	Normal
146	C	8	Male	66.3	15	0.8	5.23	28.6	8.9	Early	Moderate
147	Q	9	Female	5.8	15	0.3	6.9	47.4	14.8	Early	Normal
148	S	11	Female	15	16	0.4	7.13	50.6	19.1	Early	Normal
149	N	7	Male	6.5	16	0.9	7.4	51.9	17.3	Early	Normal
150	C	9	Female	76.4	12	0.9	7.17	46.8	17.1	Normal	Normal

151	D	3	Female	10.6	15	0.6	1.17	7.3	3.7	Early	Very Severe
152	M	10	Female	3.6	29	1.5	3.91	28.3	10.2	Moderate	Moderate
153	Q	9	Female	7.8	13	0.3	6.71	45.9	15.2	Normal	Normal
154	K	11	Female	5.9	16	0.7	7.54	64.6	18.8	Early	Normal
155	A	6	Female	74	19	0.7	0.27	<2.6	1.7	Moderate	Very Severe
156	K	8	Female	5.2	15	1.1	9.44	27.4	8.5	Early	Moderate
157	B	10	Male	35	17	1.4	8.13	52.2	18.6	Early	Normal

**Abbreviations:** SDMA, symmetric dimethylarginine; RBC, red blood cell count; HCT, hematocrit; HGB, hemoglobin; CKD, chronic kidney disease; IRIS, International Renal Interest Society.