

1. Formuláře:

Přidejte pomocí formuláře do listu "data" pacienta s následujícími hodnotami:

ID:	4
pohlaví:	muž
věk:	46
výška:	169
váha:	76
datum diagnózy:	8. říjen 2011

2. Automatické seznamy:

Doplňte **stadium onemocnění** u všech pacientů na listu "data" pomocí výběru ze seznamu hodnot "Stadium

3. Automatická kontrola dat:

Povolte v listu "data" u proměnné **ID pacienta** pouze celočíselné hodnoty od 1 do 100.

Zkuste si zadat nové ID pacienta např. 2,8 nebo 101.

4. Seznamy:

Definujte nový seznam a vytvořte výčet složek seznamu bez toho, abyste jej museli vypisovat:

jedna

dvě

tři

čtyři

pět

šest

sedm

5. Vzorce - užitečné funkce:

Projděte a vyřešte první dva listy souboru "Excel_Vzorce.xlsx"



onemocnění", který je uložen na listu "seznamy".



id	pohlavi	vek	vyska	vaha	datum diagnózy	stadium
1	Z	54	165	66.5	9/28/2010	
2	M	62	178	82.1	4/13/2006	
3	Z	59	171	58.8	7/3/2008	
2	M	73	182	93.2	12/9/2008	

Stadium onemocnění

I	1	Pondělí	jedna
II	2	Úterý	dvě
III			
IV			
neznámo			

id

1

3

ID	Date of birth	Date of diagnosis	Sex	ISS classific	M-protein	Light chain
1	12/26/1959	6/29/1994	F	Stage 1	IgG	kappa
2	8/9/1945	3/3/1997	M	Stage 1	Nonsecret	lambda
3	7/19/1935	10/2/1997	M	Stage 2	IgG	lambda
4	7/30/1953	4/30/1998	M	Stage 2	IgD	lambda
5	11/25/1948	11/26/1998	M	Stage 1	IgG	lambda
40	2/2/1953	7/11/2006	M	Stage 3	IgA	lambda
6	6/6/1974	4/4/2000	M	Stage 1	IgG	kappa
7	3/7/1944	7/11/2001	M	Stage 1	IgG	kappa
8	5/8/1947	3/11/2002	M	Stage 2	IgG	kappa
9	11/28/1949	4/23/2002	F	Stage 2	IgG	kappa
10	3/18/1936	7/8/2002	M	Stage 2	IgG	kappa
11	4/13/1944	11/27/2002	M	Stage 1	IgM	kappa
12	2/25/1943	2/25/2003	F	Stage 1	IgA	lambda
13	4/17/1950	6/3/2003	F	Stage 1	IgG	lambda
14	5/18/1944	6/12/2003	F	Stage 1	IgG	lambda
15	8/23/1964	7/1/2003	M	Stage 3	LC only	lambda
16	12/8/1958	8/11/2003	M	Stage 1	IgG	kappa
17	5/13/1949	12/10/2003	M	Stage 1	IgG	kappa
18	8/26/1955	1/14/2004	M	Stage 3	IgD	kappa
19	11/7/1939	3/29/2004	M	Stage 1	IgG	kappa
20	3/20/1942	4/15/2004	M	Stage 1	IgM	kappa
21	6/24/1949	5/26/2004	F	Stage 1	IgG	kappa
22	4/14/1940	8/26/2004	F	Stage 1	IgG	kappa
23	8/31/1950	8/31/2004	M	Stage 3	IgD	kappa
24	5/13/1944	9/27/2004	M	Stage 3	Biclonal	lambda
25	4/13/1941	10/19/2004	F	Stage 1	IgM	lambda
26	5/18/1946	12/15/2004	M	Stage 1	IgG	lambda
27	6/21/1940	1/12/2005	M	Stage 3	IgD	lambda
28	1/19/1970	2/23/2005	F	Stage 3	LC only	lambda
29	2/25/1950	3/3/2005	M	Stage 2	LC only	lambda
30	7/28/1939	3/11/2005	F	Stage 1	Biclonal	lambda
31	8/12/1942	3/24/2005	M	Stage 2	IgG	lambda
32	2/14/1961	4/11/2005	F	Stage 1	LC only	kappa
33	6/11/1958	5/3/2005	M	Stage 1	LC only	kappa
34	7/31/1939	8/25/2005	F	Stage 1	LC only	kappa
35	1/6/1961	11/9/2005	F	Stage 3	IgG	kappa
36	5/19/1952	3/23/2006	M	Stage 1	IgG	lambda
37	6/8/1939	4/12/2006	F	Stage 1	IgA	lambda
38	4/19/1946	5/18/2006	F	Stage 1	IgG	lambda
39	8/29/1931	5/31/2006	M	Stage 3	IgG	lambda
40	2/2/1953	7/11/2006	M	Stage 3	IgA	lambda
41	8/7/1950	9/26/2006	M	Stage 1	IgG	lambda
42	1/24/1947	12/14/2006	F	Stage 2	IgG	lambda
43	2/28/1953	12/27/2006	M	Stage 1	LC only	lambda
44	6/13/1933	1/4/2007	MM	Stage 2	Biclonal	lambda
45	5/4/1943	2/22/2007	F	Stage 2	IgG	lambda
46	1/6/1948	3/2/2007	F	Stage 1	IgG	kappa
47	10/27/1948	3/28/2007	F	Stage 2	LC only	kappa
48	12/16/1945	4/10/2007	M	Stage 2	IgG	lambda

49	1/10/1923	5/18/2007 M	Stage 2	IgG	lambda
50	8/4/1932	5/24/2007 M	Stage 1	Nonsecretc	lambda
51	1/6/1934	5/24/2007 M	Stage 1	LC only	lambda
52	1/15/1960	6/25/2007 F	Stage 3	IgD	lambda
53	7/16/1946	6/26/2007 F	Stage 1	IgG	lambda
54	8/14/1941	6/27/2007 M	Stage 2	IgG	lambda
55	9/8/1945	7/20/2007 M	Stage 2	Biclonal	lambda
56	2/11/1941	10/3/2007 M	Stage 2	IgD	lambda
57	1/11/1976	10/26/2007 M	Stage 1	Nonsecretc	lambda
58	2/10/1937	11/6/2007 F	Stage 3	IgD	lambda
59	5/9/1949	11/8/2007 F	Stage 1	IgG	lambda
60	3/26/1948	2/14/2008 F	Stage 1	IgG	lambda
61	3/15/1941	2/19/2008 F	Stage 2	IgG	kappa
62	7/6/1953	3/4/2008 F	Stage 3	IgD	kappa
63	4/15/1925	3/11/2008 M	Stage 1	IgG	kappa
64	11/20/1932	3/20/2008 F	Stage 1	IgG	lambda
65	4/20/1932	4/9/2008 M	Stage 2	IgG	lambda
66	6/11/1921	4/11/2008 F	Stage 2	IgG	lambda
67	6/20/1933	4/24/2008 F	Stage 1	IgG	lambda
68	12/18/1935	5/6/2008 M	Stage 1	Nonsecretc	lambda
69	1/21/1945	5/21/2008 M	Stage 1	Nonsecretc	lambda
70	4/25/1948	6/17/2008 F	Stage 1	IgA	lambda
71	4/17/1946	6/25/2008 M	Stage 2	IgG	lambda
72	8/25/1922	7/17/2008 M	Stage 3	LC only	lambda
73	3/12/1971	7/29/2008 F	Stage 2	LC only	lambda
74	12/25/1939	8/1/2008 M	Stage 1	IgD	kappa
75	4/14/1937	8/11/2008 F	Stage 3	Nonsecretc	kappa
76	3/6/1951	8/28/2008 F	Stage 1	IgG	kappa
77	11/23/1935	9/15/2008 M	Stage 1	IgM	kappa
78	11/23/1952	10/8/2008 M	Stage 1	IgG	kappa
79	12/26/1935	10/20/2008 F	Stage 3	IgG	lambda
80	3/9/1929	11/25/2008 F	Stage 3	IgG	lambda
81	3/3/1945	12/12/2008 M	Stage 3	LC only	lambda
82	2/21/1958	2/12/2009 F	Stage 1	IgG	lambda
83	10/15/1928	2/27/2009 F	Stage 3	Biclonal	lambda
84	2/1/1959	3/12/2009 M	Stage 1	IgG	lambda
85	1/4/1959	3/13/2009 M	Stage 1	IgG	lambda
86	2/3/1941	3/25/2009 M	Stage 3	IgG	lambda
87	3/7/1946	4/9/2009 M	Stage 3	IgA	lambda
88	9/12/1946	5/18/2009 F	Stage 3	IgG	lambda
89	3/26/1961	5/19/2009 M	Stage 1	IgG	lambda
90	1/9/1932	6/3/2009 F	Stage 3	IgG	lambda
91	5/26/1952	6/4/2009 M	Stage 2	IgD	kappa
92	3/6/1943	6/24/2009 F	Stage 2	Biclonal	kappa
93	1/11/1944	7/3/2009 M	Stage 1	IgG	kappa
94	3/27/1950	7/25/2009 M	Stage 2	IgG	kappa
95	6/19/1968	8/6/2009 M	Stage 1	Nonsecretc	lambda
96	5/24/1949	8/6/2009 F	Stage 1	IgG	lambda
97	7/20/1929	8/27/2009 M	Stage 1	Biclonal	lambda
98	10/5/1948	9/2/2009 M	Stage 3	Biclonal	lambda

99	9/4/1932	9/2/2009 M	Stage 3	IgG	lambda
100	12/13/1950	9/8/2009 M	Stage 3	LC only	lambda
101	5/29/1942	9/8/2009 F	Stage 2	IgG	lambda
102	4/28/1932	9/10/2009 M	Stage 2	Biclonal	lambda
103	4/20/1929	9/15/2009 F	Stage 3	IgG	lambda
104	3/14/1928	10/19/2009 M	Stage 2	IgG	lambda
105	1/25/1956	10/23/2009 F	Stage 2	IgG	lambda
106	4/8/1925	11/9/2009 F	Stage 3	IgG	lambda
107	4/1/1941	11/15/2009 F	Stage 3	IgD	kappa
108	1/1/1938	12/2/2009 F	Stage 1	IgG	kappa
109	1/22/1936	12/15/2009 M	Stage 3	LC only	kappa
110	3/8/1942	1/18/2010 F	Stage 1	IgA	kappa
111	5/22/1937	3/18/2010 F	Stage 3	IgA	kappa
112	4/26/1931	4/22/2010 M	Stage 2	Nonsecretc	lambda
113	10/1/1932	4/28/2010 M	Stage 1	Nonsecretc	lambda
114	9/28/1945	4/28/2010 M	Stage 1	IgG	lambda
115	1/31/1948	5/21/2010 M	Stage 3	LC only	lambda
116	5/12/1928	6/4/2010 M	Stage 3	IgG	lambda
117	3/24/1932	6/15/2010 F	Stage 3	LC only	lambda
118	9/30/1944	6/21/2010 M	Stage 3	IgG	kappa
119	3/16/1942	7/7/2010 M	Stage 2	IgG	kappa
120	8/2/1929	7/19/2010 F	Stage 2	Biclonal	kappa
121	11/20/1951	8/5/2010 M	Stage 3	IgG	kappa
122	10/31/1951	8/26/2010 M	Stage 3	LC only	kappa
123	1/26/1928	8/31/2010 M	Stage 1	LC only	kappa
124	5/6/1941	10/20/2010 F	Stage 2	IgG	lambda
125	7/10/1957	10/21/2010 M	Stage 3	LC only	lambda
126	10/18/1935	10/21/2010 F	Stage 1	IgG	lambda
127	8/22/1953	11/11/2010 F	Stage 1	IgG	lambda
128	1/30/1962	11/26/2010 M	Stage 1	LC only	lambda
129	7/25/1929	11/29/2010 F	Stage 3	IgG	lambda
130	2/18/1957	11/30/2010 M	Stage 3	LC only	lambda
131	6/20/1951	12/8/2010 M	Stage 1	IgG	lambda
132	6/20/1940	12/10/2010 M	Stage 2	IgM	lambda
133	11/27/1945	12/22/2010 M	Stage 3	IgD	lambda
134	2/2/1947	1/13/2011 M	Stage 2	IgD	lambda
135	7/20/1934	2/8/2011 F	Stage 3	IgG	lambda
136	1/14/1939	2/14/2011 M	Stage 3	Nonsecretc	lambda
137	8/1/1937	2/14/2011 M	Stage 3	IgG	lambda
138	2/14/1934	2/15/2011 F	Stage 2	Biclonal	kappa
139	3/23/1957	2/15/2011 F	Stage 3	LC only	kappa
140	6/12/1938	2/24/2011 M	Stage 1	IgG	kappa
141	1/8/1940	3/24/2011 M	Stage 2	LC only	kappa
142	9/4/1938	5/4/2011 M	Stage 3	IgG	kappa
143	6/11/1953	5/5/2011 M	Stage 2	IgG	lambda
144	9/20/1935	5/16/2011 M	Stage 3	IgG	lambda
145	8/3/1935	5/17/2011 M	Stage 3	IgG	lambda
146	5/27/1944	5/17/2011 M	Stage 1	IgG	lambda
147	2/14/1935	5/20/2011 M	Stage 3	Biclonal	lambda
148	9/22/1947	6/13/2011 M	Stage 3	IgG	lambda

149	2/22/1936	6/14/2011 M	Stage 3	IgA	lambda
150	2/14/1930	6/30/2011 M	Stage 3	IgG	lambda
151	2/23/1933	7/13/2011 M	Stage 3	IgG	kappa
152	7/16/1960	7/18/2011 M	Stage 3	LC only	kappa
153	12/24/1946	7/28/2011 F	Stage 3	LC only	kappa
154	9/3/1951	8/8/2011 F	Stage 2	IgG	kappa
155	8/4/1948	8/12/2011 M	Stage 2	IgG	kappa
156	4/14/1935	9/20/2011 M	Stage 2	IgG	kappa
157	6/20/1944	9/26/2011 F	Stage 1	IgG	lambda
158	9/20/1946	9/29/2011 M	Stage 1	IgM	lambda
159	7/2/1935	10/6/2011 M	Stage 3	IgG	lambda
160	6/29/1931	12/13/2011 F	Stage 3	Biclonal	lambda
161	5/3/1935	12/13/2011 M	Stage 2	IgG	lambda
162	6/27/1949	12/15/2011 M	Stage 1	Nonsecretc	lambda
163	10/31/1950	12/15/2011 F	Stage 1	IgG	lambda
164	11/9/1974	12/27/2011 M	Stage 2	LC only	lambda
165	3/3/1942	12/28/2011 M	Stage 2	Biclonal	lambda
166	11/4/1943	1/24/2012 M	Stage 2	IgG	kappa
167	5/14/1940	1/27/2012 M	Stage 3	Biclonal	kappa
168	9/6/1950	2/1/2012 M	Stage 2	IgG	kappa
169	2/3/1950	2/28/2012 F	Stage 3	IgG	kappa
170	9/10/1950	3/13/2012 F	Stage 1	IgG	kappa
171	6/26/1934	3/27/2012 F	Stage 3	IgA	kappa
172	11/11/1952	4/5/2012 F	Stage 1	LC only	kappa
173	6/5/1937	4/19/2012 F	Stage 1	IgG	lambda
174	3/25/1960	4/23/2012 M	Stage 3	LC only	lambda
175	11/1/1955	4/24/2012 M	Stage 1	IgG	lambda
176	8/7/1933	4/25/2012 F	Stage 2	IgM	lambda
177	3/5/1933	5/9/2012 F	Stage 2	IgG	lambda
178	5/20/1940	5/29/2012 M	Stage 2	IgA	lambda
179	6/5/1947	6/11/2012 M	Stage 2	LC only	lambda
180	6/22/1948	7/3/2012 M	Stage 2	IgA	lambda
181	12/13/1934	7/12/2012 M	Stage 3	LC only	lambda
182	5/23/1951	7/17/2012 M	Stage 3	IgG	lambda
183	6/19/1943	7/23/2012 F	Stage 1	LC only	lambda
184	5/9/1956	8/21/2012 M	Stage 2	IgG	lambda
185	9/1/1932	8/21/2012 M	Stage 3	IgG	kappa
186	6/1/1941	8/29/2012 F	Stage 1	IgG	kappa
187	6/9/1947	9/13/2012 M	Stage 2	IgG	kappa
188	2/20/1944	10/4/2012 M	Stage 1	IgG	kappa
189	4/4/1941	10/18/2012 F	Stage 2	LC only	kappa
190	11/11/1944	10/24/2012 F	Stage 2	IgG	kappa
191	9/1/1940	10/30/2012 F	Stage 3	LC only	kappa
192	7/30/1936	11/16/2012 F	Stage 3	LC only	lambda
193	8/21/1943	12/10/1900 F	Stage 3	IgA	lambda
194	6/28/1959	3/19/2013 M	Stage 1	IgG	lambda
195	4/15/1939	5/23/2013 F	Stage 3	IgG	lamdba
196	4/18/1954	8/6/2013 M	Stage 3	IgG	kappa
197	7/29/1944	10/16/2013 F	Stage 3	IgG	kappa
198	6/4/1945	10/29/2013 M	Stage 3	Biclonal	kappa

199	2/7/1959	1/7/2014 F	Stage 3	LC only	lambda
200	8/21/1943	9/13/2012 F	Stage 1	LC only	lambda

Serum M-p	Polyclonal	Polyclonal	Polyclonal	Hemoglobi	Thrombocy	Calcium tot	Albumin le	Creatinine
26.0		0.48	1.70	77.0	197	2.17	36.0	76
0.0	12.48	2.82	0.65	146.0			50.0	
48.4				87.0	210	2.50	44.0	78
16.8	8.70	1.45	0.35	106.0	270	3.08	46.0	
38.4	49.32	0.00	0.09	125.0	301	2.26	39.0	79
39.8	3.20	32.93	0.17	96.0	121	2.61	36.0	107
11.3	14.43	0.80	1.08	133.0	311		37.0	
28.5	32.26	0.93	0.21	117.0	234	2.58	43.0	101
41.1				130.0	127	2.23	34.0	96
84.3				86.4	211	2.49	22.4	87
12.5	5.89	0.79	0.68	122.0	362	2.00	16.9	71
7.9				123.0	320	2.35	41.1	88
25.3	6.00	28.70	0.45	129.0	218	2.36	48.5	96
34.1				96.0	191	2.37	45.2	75
31.8	45.30	0.26	0.28	120.0	182	2.28	38.1	86
4.7	7.00	0.79	0.13	89.0	227	2.39	43.0	283
24.6	26.51	2.98	1.29	142.0	289	2.33	46.3	106
0.0				154.0	242	2.49	47.8	90
3.7	6.80	0.74	0.13	94.0	254	3.11	32.0	264
31.5	34.41	0.68	0.68	107.0	167	2.30	38.5	91
20.7	4.50	0.10	32.10	111.0	267	2.68	43.1	77
23.0	30.67	0.25	0.22	100.0	227	2.08	39.7	66
25.7				105.0	220	2.58	42.4	96
31.1				81.9	328	2.14	34.1	444
15.2	1.90	0.07	0.08	114.0	141	2.85	32.5	287
24.2				134.0	374	2.51	42.4	68
31.9	34.35	0.82	0.63	129.0	296	2.36	42.6	118
3.4	7.35	1.13	0.00	129.0	232	2.77	43.1	196
0.0				68.0	113	3.50	41.0	237
0.0				133.0	223	2.55	41.0	94
34.4	8.27	33.99	0.16	125.0	275	2.64	43.3	71
0.0	58.83	0.09	0.58	84.0	86	2.07	48.0	129
0.0	6.57	0.26	0.42	97.0	227	2.63	44.0	60
0.0	7.48	0.14	0.00	103.0	175	2.19	38.0	84
0.0	5.61	0.37	0.33	111.0	495	2.63	46.4	68
28.6	29.10	0.33	0.33	131.0	302	2.58	47.7	67
4.8				152.0	247	2.35	45.7	72
10.6	8.00	15.20	0.44	144.0	266	2.33	43.6	73
11.7	13.80	1.98	1.25	125.0	300	2.50	47.5	73
94.4				78.0	119	2.24	46.4	124
39.8	3.20	32.93	0.17	96.0	121	2.61	36.0	107
15.2	24.50	2.19	0.69	98.0	15	2.30	37.0	67
31.1				117.0	144	2.24	37.3	78
0.0	19.70	4.96	0.53	136.0	349	2.41	48.0	88
24.8	22.56	6.58	0.66	111.0	312	2.26	29.7	203
74.5	48.80	0.15	0.18	83.0	150	2.27	37.0	93
29.1	38.50	0.53	0.51	131.0	207	2.33	46.0	65
0.0	6.50	0.68	0.53	115.0	371	2.89	50.0	127
16.9	19.70	0.31	0.48	114.0	212	2.17	26.8	80

15.6	18.30	0.68	0.71	105.0	241	2.32	37.5	101
0.0				137.0	178	2.25	39.7	128
0.0	6.70	1.11	0.48	116.0	233	2.55	46.0	108
11.9	5.52	0.53	0.30	90.1	224	3.62	39.0	532
18.7	23.50	0.17	0.12	144.0	203	2.19	40.3	79
69.6				81.0	162	1.84	25.6	113
26.3	31.88	0.50	0.27	107.0	252	2.09	26.1	119
31.7	3.40	0.20	0.12	66.0	121	2.35	41.0	94
0.0	6.92	2.33	1.30	125.0	321	2.25	38.3	67
8.0	3.90	0.18	0.42	81.0	206	3.58	39.0	223
45.5				135.0	228	2.24	38.7	85
7.8	14.30	0.38	0.08	108.0	256	2.56	50.0	62
53.7				102.0	278	3.90	30.3	61
7.8	3.08	0.15	0.10	65.8	115	3.32	33.8	533
29.0	43.18	0.93	1.27	111.0	198	2.22	38.0	92
21.7				145.0	276	2.16	40.0	90
36.4	43.46	0.18	0.19	99.4	187	2.64	40.0	94
20.3	26.13	0.68	1.23	108.0	202	2.41	38.9	111
28.8				124.0	240	2.36	46.9	53
1.4	6.50	0.55	0.32	97.0	287	2.31	70.1	105
0.0	7.59	1.43	1.30	136.0	264	2.46	46.0	92
15.8	2.79	18.00	0.19	82.0	184	2.91	48.8	525
4.6				109.0	536	2.00	32.0	70
2.1	8.93	1.23	0.50	99.9	60	2.51	51.3	430
0.0	15.73	1.17	0.44	92.0	748	2.53	39.0	61
0.0	7.58	0.47	0.20	95.0	192	2.35	45.0	116
0.0	2.65	0.24	0.19	68.0	73	2.49	42.0	107
32.6	33.64	0.35	0.47	138.0	217	2.54	38.9	52
1.3	10.50	1.59	1.28	130.0	302	2.36	44.4	68
1.8	9.92	1.96	0.47	143.0	175	2.63	43.6	86
60.0	76.80			78.0	240	2.69	28.8	226
64.0	73.00	0.16	0.17	98.6	194	3.12	31.0	201
0.0	6.25	0.41	0.19	93.0	98	2.33	33.0	660
26.8	47.60	0.10	0.23	130.0	165	2.18	39.1	60
5.0	10.01	0.84	4.53	98.0	187	2.22	40.0	62
35.3	37.52	0.49	0.11	139.0	191	2.32		85
5.6				152.0	292	2.34	45.5	91
12.2	20.44	0.80	0.64	95.0	240	2.05	41.1	217
8.2	14.30	8.22	1.74	124.0	400	1.88	39.9	111
17.4	27.18	0.33	0.54	139.0	337	2.29	30.5	371
2.2	6.70	0.92	0.94	165.0	478	2.14	48.1	79
60.8				90.0	210	2.17	24.5	151
35.5				113.0	370	2.39	44.7	86
19.1	24.90	0.22	0.22	139.0	421	2.46	30.2	44
11.7	32.10	3.36	1.17	138.0	289	2.34	45.8	88
62.0	51.20	0.15	0.09	115.0	201	1.92	25.7	89
0.0	11.63	0.78	0.54	162.0	237	2.63	54.5	102
65.2				93.0	209	2.12	35.9	53
2.8	13.80	3.48	3.40	140.0	472	2.29	45.6	98
60.6	76.60	1.06	0.79	98.0	178	1.80	24.7	136

88.0	102.42	0.18	0.04	91.0	95	1.86	22.3	183
17.4	3.05	0.21	0.07	78.5	118	2.30	38.5	753
63.6	58.30	0.15	0.13	134.0	114	3.46	28.5	396
13.3	24.70	4.57	1.79	117.0	189	2.03	33.9	98
48.0				89.0	177	3.26	29.6	289
14.1	18.23	0.53	0.11	87.0	265	2.18	43.6	134
63.6	74.48	1.92	3.15	90.7	201	2.69	38.1	118
17.0	23.45	0.10	0.10	89.0	88		42.0	130
17.2	3.60	0.41	0.19	74.0	250	2.10	29.1	243
38.1	54.40	0.15	0.25	113.0	278	2.27	36.5	88
34.0	30.90	0.18	0.29	100.0	201	2.13	41.9	88
18.4	7.15		0.69	116.0	208	2.60	40.0	88
59.5				100.0	147	2.29	24.1	95
0.0				106.0	309	1.22	33.2	54
0.0				120.0	235	2.01	39.0	61
34.1	34.66	1.59	0.64	110.0	586	2.45	39.0	88
7.5	3.18	0.22	0.19	103.0	294	2.38	36.6	694
31.1	62.40	0.11	0.05	89.8	197	1.95	30.7	195
6.6	7.69	0.54	0.14	82.0	217	2.41	32.7	569
51.2	91.09		1.07	68.0	65	1.91	32.2	334
15.0	17.20	0.50	0.39	127.0	182	2.24	32.6	122
39.6	3.00	53.00	0.10	121.0	213	2.14	30.8	76
36.0				122.0	288	2.19	36.0	121
1.0	3.47	0.13	0.00	94.0	147	2.38	47.0	127
0.0	7.05	0.33	0.24	134.0	116	2.56	45.8	97
36.7	56.34	0.13	0.06	85.0	129	-3.21	27.6	173
11.9				72.0	56	2.52	38.6	810
23.0	26.10	0.45	0.30	113.0	148	2.37	39.0	59
30.5	44.40	0.94	1.05	115.0	202	2.34	42.0	93
0.0	2.53	0.22	0.51	134.0	159	2.35	38.6	111
15.1	22.57	2.50	0.39	101.0	284	2.43	39.7	179
0.0				95.0	62	2.43	40.0	66
25.0	37.03	0.76	0.27	141.0	337	2.15	42.9	76
6.9				134.0	164	2.29	37.0	118
3.0	5.25	0.90	0.19	112.0	293	4.23	43.7	285
14.2	6.27	0.55	0.18	112.0	180	2.42	42.8	111
42.4	45.63	0.10	0.30	81.0	213	1.96	29.3	240
0.0	2.90	0.13	0.12	108.0	105	2.53	43.0	147
12.8	12.23	0.13	0.07	75.0	118	1.98	34.2	783
19.8				105.0	181	2.04	21.3	72
4.4	7.90	0.37	0.20	102.0	262	2.06	34.2	125
26.0	29.50	0.18	0.17	108.0	232	2.18	37.7	108
0.0				81.0	231	1.78	15.0	46
61.7	76.14	0.77	0.68	87.0	127	2.43	24.3	199
60.6				99.0	361	2.18	33.9	72
65.6	74.83	0.34	0.34	107.0	217	2.18	32.1	77
75.0	80.10	0.19	0.18	65.0	375	2.03	22.0	209
5.7	7.55	1.95	0.59	121.0	250	2.18	35.0	72
15.7	6.11	17.16	0.58	128.0	172	2.33	37.8	242
31.8	33.58	0.12	0.11	123.0	119	2.68	39.2	108

34.1				105.0	172	3.16	27.6	119
45.9				123.0	144	2.29	33.6	88
48.3				123.0	204	2.54	34.4	209
1.4	2.28	0.14	0.09	166.0	344	3.29	46.1	75
2.4	3.15	0.17	0.05	94.0	177	2.91	41.9	883
3.6	7.77	0.88	0.19	122.0	199	2.24	42.0	92
45.3	44.38	0.42	0.34	167.0	122	2.14	30.4	62
48.0	64.60	0.15	0.24	94.0	139	2.10	27.0	114
48.5	48.40	0.29	0.08	102.0	279	2.49	36.9	81
1.6	11.00	2.08	0.96	157.0	267	2.55	46.3	93
27.6	28.34	1.48	0.58	129.0	277	2.10	33.9	302
6.8	5.92	9.26	0.07	112.0	216	2.62	43.4	174
35.2				126.0	205	2.17	30.5	119
0.0				149.0	291	2.35	53.1	82
24.0	26.66	0.55	0.38	130.0	226	2.54	47.0	59
0.0				170.0	255	2.56	44.3	124
24.7	33.12	4.34	1.02	137.0	273	2.56	33.0	87
0.0				129.0	205	2.15	33.8	85
63.0	70.25	0.61	0.24	72.0	168	2.72	22.4	244
27.5	38.99	0.45	0.24	127.0	337	2.30	34.6	84
42.0	44.80	0.28	1.37	95.0	231	2.28	30.0	84
27.0	30.13	0.65	0.66	116.0	179	2.09	40.0	51
18.8	5.95	34.54	0.21	81.1	185	1.82	22.8	420
5.5	6.00	0.30	0.30	137.0	205	2.50	49.4	64
40.0	41.88	0.23	0.27	89.0	137	2.39	40.0	75
1.6	8.00	1.05	0.23	93.0	187	2.71	29.5	672
19.0				134.0	136	2.33	39.4	93
41.1	3.54	1.61		110.0	205	2.67	34.9	60
23.3	29.65	0.59	0.31	110.0	115	2.24	40.5	93
17.5				115.0	223	2.23	37.6	117
1.4	8.60	1.16	0.16	119.0	267	2.18	46.5	252
17.4				117.0	135	3.79	29.9	440
0.0	5.16	0.66	0.16	77.0	91	2.40	38.1	230
78.0	80.50	0.16	0.14	77.0	86	1.79	25.0	1383
0.0	4.45	0.55	0.17	117.0	186	2.27	46.5	59
20.9	25.68	2.14	1.08	106.0	234	2.20	17.7	82
53.1	71.90	0.31	0.08	90.7	63	2.09	22.5	369
23.0				101.0	271	2.04	35.9	70
28.1				91.0	140	2.17		124
3.0	5.73	1.43	0.17	164.0	237	2.46	47.8	115
0.0				120.0	369	1.96	45.1	76
49.2				100.0	254	2.25	29.0	74
0.0	3.79	0.17	0.05	96.0	334	2.22	46.0	234
5.0	5.40	0.26	0.17	105.0	269	3.33	34.8	245
10.0	6.60	13.50	0.31	86.0	296	2.63	37.0	392
20.4	31.50	2.27	1.71	154.0	157	2.13	37.3	79
43.0	49.30	0.86	0.77	100.0	183	2.08	36.0	91
27.9	32.50	0.52	0.26	85.6	172	2.16	31.4	1204
0.4	37.30	0.63	0.39	93.0	228	2.09	34.0	74
9.1	7.90	10.80	0.28	129.0	219	2.27	45.7	126

3.5	5.93	0.26	0.04	88.0	224	2.24	43.9	237
0.4	7.90	13.50	1.71	85.6	234	2.46	34.8	79

Beta2 microglobulin (ug/L)	LDH (U/L)	CRP (mg/L)	Osteolytic lesions	Date of death
2.50	8.14	0.0	negative	
2.00	5.60	6.4	negative	
3.60	6.20	0.0	negative	8/7/2012
4.90	6.84		more than 2	
2.58	6.09		1 osteolytic lesion	
6.03	2.62	2.0	can not evaluate	#####
2.34	7.76	49.3	1 osteolytic lesion	
1.70	6.84	0.0	negative	#####
2.37	5.18	21.0	negative	3/1/2011
4.88	7.45	0.0	1 osteolytic	6/6/2006
2.43	6.19	13.7	1 osteolytic lesion	
1.82	4.31	0.0	2 osteolytic	#####
2.33		2.2	can not evaluate	
2.11	5.52	6.8	negative	
1.51		2.0	negative	
7.84	8.17	5.0	more than	#####
1.28	7.91	3.4	negative	
1.43	7.43		negative	
5.69		35.1	more than	7/3/2004
1.18	5.55	0.0	2 osteolytic	#####
1.40		2.6	more than	#####
1.23	7.37	0.5	negative	2/6/2013
	3.72	0.0	negative	
7.44	11.03	64.4	more than	#####
5.60		4.4	1 osteolytic lesion	
1.54	5.76	0.4	negative	#####
2.72	5.81	15.5	1 osteolytic lesion	
6.37		4.5	can not evaluate	
12.20	5.30	43.8	more than	#####
		3.0	more than 2	
2.02	3.56	0.3	more than	#####
5.03	13.23	4.4	negative	7/5/2010
2.51	7.51	5.0	more than	#####
2.39		4.9	more than	#####
2.19	6.60	5.0	more than	#####
15.12	2.57		negative	
1.70	8.84	1.0	2 osteolytic	1/2/2009
1.62	2.70	2.2	can not evaluate	
2.19	3.50	5.5	more than 2	
5.71		1.0	negative	#####
6.03	2.62	2.0	can not evaluate	#####
2.06	3.70	2.0	negative	
2.50	2.83	1.0	negative	
1.75	2.85	4.9	more than	#####
4.62	3.69	40.2	more than	#####
5.50	2.83	12.7	negative	#####
1.06	3.40	2.0	negative	
3.54	3.72	4.1	more than 2	
2.11	2.50	45.5	negative	

3.35	3.12	4.7 negative	1/2/2008
3.03	3.58	11.3 negative	9/6/2008
3.18	4.18	4.0 more than	#####
15.70	4.64	62.0 more than	#####
3.02	2.90	2.0 negative	
13.00	2.69	6.0 negative	
4.47	3.84	56.4 more than	#####
4.34	3.18	1.0 negative	#####
1.04	3.88	39.2 negative	#####
8.90	7.60	27.0 more than	8/2/2008
2.00	4.56	negative	
2.53	3.51	3.7 negative	#####
	2.39	79.0 negative	#####
9.59	4.07	31.3 more than	#####
2.89	3.34	2.9 negative	
3.40		38.0 negative	#####
4.93	2.71	27.4 1 osteolytic	#####
4.70	3.44	3.4 2 osteolytic	#####
2.00		negative	2/8/2012
2.07	4.70	10.9 more than	5/1/2010
1.34	4.55	negative	
1.99	2.56	37.0	9/6/2008
	3.74	49.0 2 osteolytic	#####
10.10	5.18	1.0 negative	#####
4.20	3.30	86.6 more than 2	
1.84	6.23	1.0 negative	#####
6.32	3.51	7.0 negative	7/6/2009
2.14	3.31	1.1 2 osteolytic	#####
2.54	9.20	13.2 1 osteolytic lesion	
2.29	3.42	negative	
20.20	3.46	9.0 negative	#####
6.44	2.96	7.1 2 osteolytic	#####
14.41	3.02	5.5 more than 2	
3.30	2.59	24.0 negative	
6.20	4.17	14.4 more than	#####
1.80	2.21	3.0 negative	
1.35	2.71	0.0 1 osteolytic lesion	
6.24	2.75	12.7 negative	
6.31	2.10	7.8 can not evaluate	
6.94	3.92	2.9 negative	#####
1.25	2.88	1.8 negative	
8.30		14.0 negative	
3.80	3.17	9.0 negative	
2.57	2.30	5.3 more than	#####
1.70	2.10	6.1 negative	
2.19	2.73	1.0 negative	#####
2.02	4.74	1.1 negative	
3.18	2.80	3.0 2 osteolytic lesions	
2.37	2.70	negative	#####
8.80	1.58	23.0 more than 2	

8.40	2.01	6.4 negative	#####
30.90	3.05	4.8 negative	
1.90	6.40	2.0 negative	#####
4.46	4.40	71.8 more than	#####
		negative	#####
3.95	2.37	negative	
4.19	8.09	5.3 negative	7/7/2010
9.32	4.12	5.0 negative	
11.05	4.30	2.8 can not evaluate	
3.40		1.5 negative	#####
6.27	10.10	1.0 more than	9/2/2012
2.50	2.24	0.0 more than 2	
7.40	3.03	50.8	
1.66	3.05	19.3 more than	#####
2.20	5.30	2.8 negative	#####
3.00	2.46	63.7 negative	
50.00	5.11	59.0 can not evaluate	#####
6.03	7.15	9.0 negative	8/8/2010
33.99		can not evaluate	7/1/2010
15.00	4.86	26.1 negative	#####
		140.9 1 osteolytic	#####
4.43	1.90	20.1 more than	#####
5.90		negative	
8.97	5.53	3.7 negative	
2.98	3.73	3.0 more than 2	
3.61	1.36	1.9 2 osteolytic	#####
13.50	1.88	276.3 negative	#####
2.33	3.51	0.0 negative	
2.64	2.60	1.0 negative	
2.28	5.08	3.1 negative	
6.67	3.01	1.5 negative	#####
5.51	2.20	6.6 more than 2	
2.34	2.97	1.0 1 osteolytic lesion	
4.71		1.0 more than	#####
12.70	32.09	27.0 more than	1/6/2011
4.63	3.87	4.5 more than	#####
30.20	4.36	10.4 negative	
9.55	3.80	1.0 can not evaluate	#####
21.10	2.46	1.0 negative	#####
3.01		72.2 negative	
20.10	2.60	1.0 can not evaluate	
2.94	4.06	1.0 negative	#####
3.29	2.55	164.0 more than	#####
8.73	9.73	5.3 1 osteolytic	#####
5.41	2.28	9.7 negative	
6.39	3.39	1.0 2 osteolytic	3/1/2012
14.23	2.25	23.4 more than	#####
1.57	5.98	3.9 1 osteolytic lesion	
8.03	4.03	2.2 can not evaluate	#####
10.50	5.20	2.3 2 osteolytic	#####

		27.2	can not evaluate
4.80	2.80	1.0	negative 9/4/2011
23.00	4.75	10.9	negative #####
5.61	3.11	1.0	negative
48.40	3.00	1.4	negative 7/9/2012
3.99	3.25	3.9	1 osteolytic lesion
2.09	3.59	1.0	negative #####
3.40	2.64	12.2	negative
2.39	2.03	1.0	1 osteolytic lesion
2.94	4.80	2.1	more than 2
10.10	5.16	8.0	2 osteolytic 4/1/2014
18.60	3.44	1.4	more than 2
5.28	2.20	4.6	negative 2/7/2014
1.42	2.80	1.0	negative
2.50	2.92	14.8	negative
3.81	3.27	2.9	more than 2
3.10	3.44	5.0	more than #####
2.50	4.94	3.1	negative
29.90	2.52	14.4	more than 8/4/2013
3.40	3.80	16.0	1 osteolytic lesion
12.91	2.97	18.8	negative
2.14	2.54	0.0	negative
13.90	2.23	34.1	4/4/2012
3.33	7.00	4.4	more than 2
3.48		3.2	1 osteolytic lesion
16.87	2.90	63.4	more than 2
2.20	2.23	0.4	negative
1.60	3.22	5.5	negative 9/1/2012
3.78	2.70	5.0	2 osteolytic #####
3.60	3.90	1.0	can not evaluate
4.76	2.50	3.2	more than 2
0.28	3.87	127.9	9/7/2013
7.77	3.28	2.3	negative 6/4/2013
34.60	2.48	18.3	negative #####
2.21	3.80	1.0	more than #####
4.26	2.38	15.5	negative #####
44.90	7.77	7.9	negative #####
1.50	2.96	3.2	negative
4.40		11.0	negative #####
1.42	2.36	2.8	negative
3.58	3.80	70.2	more than #####
3.79	1.80	1.7	negative
10.01	3.80	38.2	more than 2
13.10	4.06	9.1	#####
27.60	3.07	33.9	negative
1.58	2.80	4.5	negative
8.20	3.00	37.6	negative #####
34.40	2.47	64.0	negative #####
5.55			can not evaluate 4/7/2014
5.77	2.40	6.7	negative #####

15.93	4.69	14.0 negative	8/7/2014
27.60	4.06	9.1 more than	8/7/2014