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*                               W E S T A T   C O D E B O O K                               *
*                               - - - - -   - - - - -                               *
*                               REDS HTLV COHORT STUDY                               *
*                               ANALYTIC FILE - PHASES 1,2,3                         *
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18 Apr. 2003

REDS HTLV COHORT STUDY

ANALYTIC FILE - PHASES 1,2,3

Question Name	<u>HTLV Status</u>		Cumulative	
	Frequency	Percent	Frequency	Percent
HTLVTYPE	799	59.72	799	59.72
	152	11.36	951	71.08
	387	28.92	1338	100.00

Negative				
HTLV-I				
HTLV-II				
	<u>Center</u>		Cumulative	
	Frequency	Percent	Frequency	Percent
P1CENTER	205	15.32	205	15.32
	170	12.71	375	28.03
	595	44.47	970	72.50
	255	19.06	1225	91.55
	113	8.45	1338	100.00

CENTER #1				
CENTER #2				
CENTER #3				
CENTER #4				
CENTER #5				

18 Apr. 2003

Question Name	<u>Donation Type</u>		Frequency	Cumulative Percent
	Frequency	Percent		
D_TYPE	178	13.30	178	13.30
	79	5.90	257	19.21
	7	0.52	264	19.73
D_TYPE	1074	80.27	1338	100.00

Autologous
Directed
Apheresis
Whole Blood

	<u>Gender</u>		Frequency	Cumulative Percent
	Frequency	Percent		
GENDER	402	30.04	402	30.04
	936	69.96	1338	100.00

GENDER

Male
Female

Cumulative

Cumulative

18 Apr. 2003

Question Name	<u>Race</u>			
	Frequency	Percent	Frequency	Cumulative Percent
RACE	88	6.58	88	6.58
	434	32.44	522	39.01
	263	19.66	785	58.67
RACE	38	2.84	823	61.51
-----	7	0.52	830	62.03
Asian	508	37.97	1338	100.00
Black				
Hispanic				
Other				
Unknown				
White				

P3AGE	<u>Age at Final Phase</u>			
	Frequency	Percent	Frequency	Cumulative Percent
P3AGE	50	3.74	50	3.74
	303	22.65	353	26.38
	511	38.19	864	64.57
	280	20.93	1144	85.50
-----	194	14.50	1338	100.00
P3AGE				
Cumulative				
0 - 29				
40 - 49				
50 - 59				
60 +				

Cumulative

18 Apr. 2003

Question Name	<u>Education Level at Final Phase</u>			
	Frequency	Percent	Frequency	Cumulative Percent
P3EDUC		0.30	4	0.30
	23	1.72	27	2.02
	121	9.04	148	11.06
P3EDUC	165	12.33	313	23.39
-----	624	46.64	937	70.03
	256	19.13	1193	89.16
<=8th Grade	145	10.84	1338	100.00
9th-12th Grade (no diploma)				
High School Graduate/GED				
Some College/Technical School				
Bachelor Degree				
>=Master Degree				

Avg Drinks per week while Drinking through Final Phase

	Frequency	Percent	Frequency	Cumulative Percent
DRINKW	82	6.13	82	6.13
	109	8.15	191	14.28
	544	40.66	735	54.93
-----	603	45.07	1338	100.00

Non-Drinker
 0< DRINKS PER WEEK <=1
 DRINKS PER WEEK >1
 4

DRINKW

Cumulative

Cumulative

18 Apr. 2003

Question Name

Total Pack-Years through Final Phase

	Frequency	Percent	Frequency	Cumulative Percent
PACKYRS	75	5.61	75	5.61
	612	45.74	687	51.35
	325	24.29	1012	75.64
	326	24.36	1338	100.00

Non-Smoker
PACKYRS <=13
PACKYRS >13

Intravenous Drug Use through Final Phase

	Frequency	Percent	Frequency	Cumulative Percent
.				
P3IDU		0.30	4	0.30
	1229	91.85	1233	92.15
	19	1.42	1252	93.57
P3IDU	86	6.43	1338	100.00

Never IDU
Current IDU
Past IDU

Cumulative

Cumulative

18 Apr. 2003

Question Name Total Number of Sex Partners through Final Phase

	Frequency	Percent	Frequency	Cumulative Percent
P3SEXN	27	2.02	27	2.02
	524	39.16	551	41.18
	787	58.82	1338	100.00

< 6 Sex Partners
 >= 6 Sex Partners

P3SEXN Period (Number of Days between Phase 1 and Final Phase)

	Frequency	Percent	Frequency	Cumulative Percent	
PERDAYS	5 years	103	7.70	103	7.70
	7 years	45	3.36	148	11.06
	8 years	43	3.21	191	14.28
	9 years	8	0.60	199	14.87
		1133	84.68	1332	99.55
		6	0.45	1338	100.00

1462 - 1826 days:
 2192 = 2556 days:
 2557 - 2922 days:
 2923 - 3287 days:
 3288 - 3652 days: 10 years
 3653 - 4017 days: 11 years

Cumulative

18 Apr. 2003

Question Name

Symptom: Difficulty Walking

	Frequency	Percent	Frequency	Cumulative Percent
PRSWALK		14.28	191	14.28
	886	66.22	1077	80.49
PRSWALK	261	19.51	1338	100.00

No
Yes

Symptom: Difficulty Rising

	Frequency	Percent	Frequency	Cumulative Percent
PRSRISE		14.28	191	14.28
191	947	70.78	1138	85.05
PRSRISE	200	14.95	1338	100.00

No
Yes
Cumulative

191

Cumulative

18 Apr. 2003

Question Name

Symptom: Difficulty Climbing

	Frequency	Percent	Frequency	Cumulative Percent
PRSCCLMB		14.28	191	14.28
	925	69.13	1116	83.41
PRSCCLMB	222	16.59	1338	100.00

No
Yes

Symptom: Urinary Urgency

	Frequency	Percent	Frequency	Cumulative Percent
PRSURG		14.28	191	14.28
191	901	67.34	1092	81.61
PRSURG	246	18.39	1338	100.00

No
Yes
Cumulative

191

Cumulative

18 Apr. 2003

Question Name

Symptom: Urinary Incontinence

	Frequency	Percent	Frequency	Cumulative Percent
PRSINC		14.28	191	14.28
	966	72.20	1157	86.47
PRSINC	181	13.53	1338	100.00

No
Yes

Symptom: Post-Void Urgency

	Frequency	Percent	Frequency	Cumulative Percent
PR SVURG		14.28	191	14.28
	1005	75.11	1196	89.39
PRSVURG	142	10.61	1338	100.00

No
Yes
Cumulative

191

Cumulative

18 Apr. 2003

Question Name	<u>Symptom: Impotence</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSIMP		75.19	1006	75.19
	276	20.63	1282	95.81
PRSIMP	56	4.19	1338	100.00

No
Yes

Question Name	<u>Symptom: Burning Feet</u>			
	Frequency	Percent	Frequency	Cumulative Percent
1006 PRSFEEET		14.28	191	14.28
	1002	74.89	1193	89.16
PRSFEEET	145	10.84	1338	100.00

No
Yes
Cumulative

191

Cumulative

18 Apr. 2003

Question Name	<u>Symptom: Swollen Glands</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSGGLND		14.28	191	14.28
	1067	79.75	1258	94.02
PRSGGLND	80	5.98	1338	100.00

No
Yes

	<u>Symptom: Fever</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSFVEVR		14.28	191	14.28
191	1121	83.78	1312	98.06
PRSFVEVR	26	1.94	1338	100.00

No
Yes
Cumulative

191

[11]

Cumulative

18 Apr. 2003

Question Name	<u>Symptom: Night Sweats</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSSWET		14.28	191	14.28
	1065	79.60	1256	93.87
PRSSWET	82	6.13	1338	100.00

No
Yes

Question Name	<u>Symptom: Weight Loss</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSWTLS		14.28	191	14.28
191	1058	79.07	1249	93.35
PRSWTLS	89	6.65	1338	100.00

No
Yes
Cumulative

191

Cumulative

18 Apr. 2003

Question Name	<u>Symptom: Loss of Bowel Control</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PRSGINC		14.28	191	14.28
	1120	83.71	1311	97.98
PRSGINC	27	2.02	1338	100.00

No
Yes

	<u>Acute: Pneumonia in Phase 2/3 [Y/N]</u>			
	Frequency	Percent	Frequency	Cumulative Percent
PNEU	103	7.70	103	7.70
191	1186	88.64	1289	96.34
PNEU	49	3.66	1338	100.00

No
Yes

Cumulative

18 Apr. 2003

Question Name

Acute: Bronchitis in Phase 2/3 [Y/N]

	Frequency	Percent	Frequency	Cumulative Percent
BRON	106	7.92	106	7.92
	1027	76.76	1133	84.68
BRON	205	15.32	1338	100.00

No

Yes

Acute: Bladder in Phase 2/3 [Y/N]

	Frequency	Percent	Frequency	Cumulative Percent
BLAD	104	7.77	104	7.77
	1039	77.65	1143	85.43
BLAD	195	14.57	1338	100.00

Cumulative
No
Yes

Cumulative

18 Apr. 2003

Question Name

Acute: Kidney in Phase 2/3 [Y/N]

	Frequency	Percent	Frequency	Cumulative Percent
KIDN	104	7.77	104	7.77
	1211	90.51	1315	98.28
	23	1.72	1338	100.00

KIDN

No
Yes

Acute: Bladder/Kidney in Phase 2/3 [Y/N]

	Frequency	Percent	Frequency	Cumulative Percent
P3BK	104	7.77	104	7.77
	1025	76.61	1129	84.38
	209	15.62	1338	100.00

P3BK

Cumulative
No
Yes

Cumulative

18 Apr. 2003

Question
Name

Acute: Number of Days from P1DATE until Pneumonia in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
PNEUDAYS		104	7.77	104	7.77
	365 days: 1 year	13	0.97	117	8.74
	730 days: 2 years	60	4.48	177	13.23
	3 years	50	3.74	227	16.97
	4 years	14	1.05	241	18.01
	5 years	1091	81.54	1332	99.55
	6 years	6	0.45	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

PNEUDAYS

Acute: Number of Days from P1DATE until Bronchitis in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
BRONDAYS		112	8.37	112	8.37
	365 days: 1 year	63	4.71	175	13.08
	730 days: 2 years	103	7.70	278	20.78
	3 years	69	5.16	347	25.93
	4 years	40	2.99	387	28.92
	5 years	947	70.78	1334	99.70
	6 years	4	0.30	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

BRONDAYS

Cumulative

18 Apr. 2003

Question Name Acute: Number of Days from P1DATE until Bladder infection in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
BLADDAYS				
365 days: 1 year	112	8.37	112	8.37
730 days: 2 years	58	4.33	170	12.71
3 years	101	7.55	271	20.25
4 years	61	4.56	332	24.81
5 years	38	2.84	370	27.65
6 years	964	72.05	1334	99.70
	4	0.30	1338	100.00

166 -
 731 - 1095 days:
 1096 - 1461 days:
 1462 - 1826 days:
 1827 - 2191 days:

BLADDAYS Acute: Number of Days from P1DATE until Kidney infection in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
KIDNDAYS				
365 days: 1 year	104	7.77	104	7.77
730 days: 2 years	6	0.45	110	8.22
3 years	51	3.81	161	12.03
4 years	48	3.59	209	15.62
5 years	8	0.60	217	16.22
6 years	1115	83.33	1332	99.55
	6	0.45	1338	100.00

166 -
 731 - 1095 days:
 1096 - 1461 days:
 1462 - 1826 days:
 1827 - 2191 days:

KIDNDAYS
 Cumulative

18 Apr. 2003

Question
Name

Acute: Number of Days from P1DATE until Bladder/Kidney infection in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
BKDAY5	112	8.37	112	8.37
365 days: 1 year	62	4.63	174	13.00
730 days: 2 years	104	7.77	278	20.78
3 years	64	4.78	342	25.56
-----4 years-----	38	2.84	380	28.40
5 years	954	71.30	1334	99.70
6 years	4	0.30	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

Acute: Number of Times Treated for Pneumonia P1-P3

BKDAY5	Frequency	Percent	Frequency	Cumulative Percent
P3PNEU	1228	91.78	1228	91.78
.	86	6.43	1314	98.21
	16	1.20	1330	99.40
	4	0.30	1334	99.70
-----	2	0.15	1336	99.85
	1	0.07	1337	99.93
P3PNEU	1	0.07	1338	100.00

1 time
2 times
3 times
4 times

Cumulative

Cumulative

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Question Name Acute: Number of Times Treated for Bronchitis P1-P3

	Frequency	Percent	Frequency	Cumulative Percent
P3BRON	3	0.22	3	0.22
	1007	75.26	1010	75.49
	138	10.31	1148	85.80
	71	5.31	1219	91.11
-----	34	2.54	1253	93.65
	18	1.35	1271	94.99
	12	0.90	1283	95.89
P3BRON	44	3.29	1327	99.18
	9	0.67	1336	99.85
	2	0.15	1338	100.00

1 time
 2 times
 3 times
 4 times
 5 times

Cumulative

18 Apr. 2003

Question Name Acute: Number of Times Treated for Bladder Infection P1-P3

	Frequency	Percent	Frequency	Cumulative Percent
P3BLAD	1	0.07	1	0.07
	1005	75.11	1006	75.19
	137	10.24	1143	85.43
	68	5.08	1211	90.51
-----	41	3.06	1252	93.57
	20	1.49	1272	95.07
	16	1.20	1288	96.26
P3BLAD	32	2.39	1320	98.65
	11	0.82	1331	99.48
	5	0.37	1336	99.85
1 time	2	0.15	1338	100.00
2 times				
3 times				
4 times				
5 times				
6 times				
7 times				
8 times				
9 times				
10 times				
11 times				
12 times				
13 times				
14 times				
15 times				
16 times				
17 times				
18 times				
19 times				
20 times				
21 times				
22 times				
23 times				
24 times				
25 times				
26 times				
27 times				
28 times				
29 times				
30 times				
31 - 40 times				

Cumulative

18 Apr. 2003

Question
Name

Acute: Number of Times Treated for Kidney Infection P1-P3

	Frequency	Percent	Frequency	Cumulative Percent
P3KIDN	1	0.07	1	0.07
	1281	95.74	1282	95.81
	34	2.54	1316	98.36
	13	0.97	1329	99.33
-----	5	0.37	1334	99.70
	2	0.15	1336	99.85
	1	0.07	1337	99.93
P3KIDN	1	0.07	1338	100.00

1 time
2 times
3 times
4 times
5 times

Cumulative

18 Apr. 2003

Question
Name

Acute: Number of Times Treated for Bladder/Kidney Infection P1-P3

	Frequency	Percent	Frequency	Cumulative Percent
P3BLADKI	1	0.07	1	0.07
	987	73.77	988	73.84
	146	10.91	1134	84.75
	66	4.93	1200	89.69
-----	44	3.29	1244	92.97
	22	1.64	1266	94.62
P3BLADKI	15	1.12	1281	95.74
	34	2.54	1315	98.28
	15	1.12	1330	99.40
	6	0.45	1336	99.85
1 time	2	0.15	1338	100.00
2 times				
3 times				
4 times				
5 times				
6 times				
7 times				
8 times				
9 times				
10 times				
11 times				
12 times				
13 times				
14 times				
15 times				
16 times				
17 times				
18 times				
19 times				
20 times				
21 times				
22 times				
23 times				
24 times				
25 times				
26 times				
27 times				
28 times				
29 times				
30 times				
31 - 40 times				

Chronic: Incident Arthritis in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
ARTH	358	26.76	358	26.76
	900	67.26	1258	94.02
Cumulative	80	5.98	1338	100.00
ARTH				

No
Yes

Cumulative

18 Apr. 2003

Question Name Chronic: Incident Thyroid Disease in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
THYR	194	14.50	194	14.50
	1119	83.63	1313	98.13
	25	1.87	1338	100.00

THYR

No
Yes

Chronic: Incident Hypertension in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
HTN	342	25.56	342	25.56
	929	69.43	1271	94.99
	67	5.01	1338	100.00

HTN

No
Yes

Cumulative

[23]

18 Apr. 2003

Question Name Chronic: Incident Diabetes in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
DM	167	12.48	167	12.48
	1150	85.95	1317	98.43
	21	1.57	1338	100.00

DM-----

No
Yes

Chronic: Incident Asthma in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
ASTH	179	13.38	179	13.38
	1122	83.86	1301	97.23
	37	2.77	1338	100.00

ASTH-----

Cumulative
No
Yes

Cumulative

18 Apr. 2003

Question Name

Chronic: Incident Herpes in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
HERP	394	29.45	394	29.45
	919	68.68	1313	98.13
	25	1.87	1338	100.00

HERP

No
Yes

Chronic: Incident Cancer in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
CANCER	131	9.79	131	9.79
	1175	87.82	1306	97.61
	32	2.39	1338	100.00

CANCER

Cumulative

No
Yes

Cumulative

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Question
Name

Chronic: Number of Days from P1DATE until incident Arthritis in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
ARTHDDAYS		362	27.06	362	27.06
	365 days: 1 year	13	0.97	375	28.03
	730 days: 2 years	55	4.11	430	32.14
	3 years	44	3.29	474	35.43
	4 years	24	1.79	498	37.22
	5 years	835	62.41	1333	99.63
	6 years	5	0.37	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

ARTHDDAYS

Chronic: Number of Days from P1DATE until incident Thyroid in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
THYRDAYS		195	14.57	195	14.57
	365 days: 1 year	6	0.45	201	15.02
	730 days: 2 years	46	3.44	247	18.46
	3 years	43	3.21	290	21.67
	4 years	15	1.12	305	22.80
	5 years	1028	76.83	1333	99.63
	6 years	5	0.37	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

THYRDAYS

Cumulative

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Question
Name

Chronic: Number of Days from P1DATE until incident Hypertension in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
HTNDAYS	342	25.56	342	25.56
365 days: 1 year	14	1.05	356	26.61
730 days: 2 years	43	3.21	399	29.82
3 years	45	3.36	444	33.18
-----4 years-----	21	1.57	465	34.75
5 years	867	64.80	1332	99.55
6 years	6	0.45	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

Chronic: Number of Days from P1DATE until incident Diabetes in Phase 2/3

	Frequency	Percent	Frequency	Cumulative Percent
DMDAYS	167	12.48	167	12.48
365 days: 1 year	2	0.15	169	12.63
730 days: 2 years	48	3.59	217	16.22
3 years	44	3.29	261	19.51
-----4 years-----	16	1.20	277	20.70
5 years	1056	78.92	1333	99.63
6 years	5	0.37	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

DMDAYS

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Question
Name

Chronic: Number of Days from P1DATE until incident Asthma in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
ASTHDDAYS		182	13.60	182	13.60
	365 days: 1 year	7	0.52	189	14.13
	730 days: 2 years	52	3.89	241	18.01
		42	3.14	283	21.15
	-----4 years-----	18	1.35	301	22.50
		1032	77.13	1333	99.63
	5 years				
	6 years	5	0.37	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

ASTHDDAYS

Chronic: Number of Days from P1DATE until incident Herpes in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
HERPDAYS		397	29.67	397	29.67
	365 days: 1 year	6	0.45	403	30.12
	730 days: 2 years	34	2.54	437	32.66
		34	2.54	471	35.20
	-----4 years-----	11	0.82	482	36.02
		852	63.68	1334	99.70
	5 years				
	6 years	4	0.30	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

HERPDAYS

Cumulative

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Question
Name

Chronic: Number of Days from P1DATE until incident Cancer in Phase 2/3

		Frequency	Percent	Frequency	Cumulative Percent
CANDAYS		132	9.87	132	9.87
	365 days: 1 year	8	0.60	140	10.46
	730 days: 2 years	56	4.19	196	14.65
	3 years	45	3.36	241	18.01
	4 years	14	1.05	255	19.06
	5 years	1078	80.57	1333	99.63
	6 years	5	0.37	1338	100.00

166 -
731 - 1095 days:
1096 - 1461 days:
1462 - 1826 days:
1827 - 2191 days:

Person Identifier

	Frequency	Percent	Frequency	Cumulative Percent
CANDAYS				
PERSONID	1338	100.00	1338	100.00

.
PERSONID

0001 - 1497

Cumulative

Cumulative

Variable Name	0022
===== A =====	0026
	0024
	0028
ARTH	
ARTHDAYS	
ASTH	0018
ASTHDAYS	0014
INDEX OF VARIABLES	0017
===== B =====	0014
	0016
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