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Electrocardiogram (ECG) Results

Data File: ecg_ct_pub **File Date:** 09/19/2007 **Structure:** Multiple rows per participant **Population:** CT participants

Participant ID

Variable # 1
Sas Name: ID
Sas Label: Participant ID

Usage Notes: none

Categories: Study: Administration

ECG Days since randomization

Number of days from CT randomization date to Form 86 date

Variable # 2
Sas Name: ECGDAYS
Sas Label: ECG Days since randomization

Usage Notes: none

Categories: Study: Administration

N	Min	Max	Mean	Std Dev
192564	-332	3861	1150.4081	1041.62748

ECG visit type

Variable # 3
Sas Name: ECGVTYP
Sas Label: ECG visit type

Usage Notes: none

Categories: Study: Administration

Values		N	%
1	Screening Visit	67,173	34.9%
2	Semi-Annual Visit	641	0.3%
3	Annual Visit	124,683	64.7%
4	Non-Routine Visit	67	0.0%
		192,564	

ECG visit year

Visit year for which this ECG was collected.

Variable # 4
Sas Name: ECGVY
Sas Label: ECG visit year

Usage Notes: none

Categories: Study: Administration

N	Min	Max	Mean	Std Dev
192497	0	11	3.1726	2.80645

ECG closest to visit within visit type and year

For ECGs entered with the same visit type and year, indicates the one closest to that visit's target date. Valid for ECGs entered with an annual or semi-annual visit type.

Variable # 5
Sas Name: ECGVCLO
Sas Label: Closest to visit within visit type and year

Usage Notes: See data preparation document.

Categories: Study: Administration

Values		N	%
0	No	226	0.1%
1	Yes	192,338	99.9%
		192,564	

ECG expected for visit

The ECG was expected for this visit. ECGs were expected for all CT at baseline (screening) and at Annual Visits 3, 6 and 9.

Variable # 6

Sas Name: ECGEXPC

Sas Label: Expected for visit

Usage Notes: none

Categories: Study: Administration

Values		N	%
0	No	2,378	1.2%
1	Yes	190,186	98.8%
		192,564	

Quality grade

Variable # 7

Sas Name: GRADE

Sas Label: Quality grade

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
1	Grade 1	102,364	53.2%
2	Grade 2	65,361	33.9%
3	Grade 3	15,655	8.1%
4	Grade 4	4,117	2.1%
5	Grade 5	4,841	2.5%
.	Missing	226	0.1%
		192,564	

Heart rate

Variable # 8

Sas Name: HRT_RATE

Sas Label: Heart rate (beats/minute)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190971	27	192	65.84621	10.18041

P Axis

Variable # 9

Sas Name: P_AXIS

Sas Label: P Axis (degrees)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190185	-90	270	50.61486	22.23932

QRS Axis

Variable # 10

Sas Name: QRS_AXIS

Sas Label: QRS Axis (degrees)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
192549	-89	270	18.91163	31.8235

T Axis

Variable # 11

Sas Name: T_AXIS

Sas Label: T Axis (degrees)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
192546	-90	270	41.2665	28.30516

PR Interval (msec)

Variable # 12

Sas Name: PR_INT

Sas Label: PR Interval (msec)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
189062	56	400	163.02553	25.17498

QRS Interval (msec)

Variable # 13

Sas Name: QRS_INT

Sas Label: QRS Interval (msec)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190943	40	220	88.142	13.79816

QT Interval (msec)

Variable # 14

Sas Name: QT_INT

Sas Label: QT Interval (msec)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190872	210	684	403.01423	31.33997

QT Index

Variable # 15

Sas Name: QT_IND

Sas Label: QT Index

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190872	80	140	101.51837	4.95845

JT Interval (msec)

Variable # 16

Sas Name: JT_INT

Sas Label: JT Interval (msec)

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190870	6	540	314.8753	30.32144

JT Index

Variable # 17

Sas Name: JT_IND

Sas Label: JT Index

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
190561	80	140	100.3857	6.17031

Electronic pacemaker

Variable # 18

Sas Name: PACEMAK

Sas Label: Electronic pacemaker

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,493	99.4%
1	Yes	713	0.4%
.	Missing	358	0.2%
		192,564	

Wolff-Parkinson-White pattern

Variable # 19

Sas Name: WPW

Sas Label: Wolff-Parkinson-White pattern

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,985	99.7%
1	Yes	28	0.0%
.	Missing	551	0.3%
		192,564	

Third degree AV block

Variable # 20

Sas Name: AVBLK3

Sas Label: Third degree AV block

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	192,005	99.7%
1	Yes	8	0.0%
.	Missing	551	0.3%
		192,564	

Second degree AV block

Variable # 21
Sas Name: AVBLK2
Sas Label: Second degree AV block

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	192,003	99.7%
1	Yes	10	0.0%
.	Missing	551	0.3%
		192,564	

Mobitz type II

Variable # 22
Sas Name: MOB2
Sas Label: Mobitz type II

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	192,005	99.7%
1	Yes	8	0.0%
.	Missing	551	0.3%
		192,564	

Wenkebach

Variable # 23
Sas Name: WENKEBAC
Sas Label: Wenkebach

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	191,995	99.7%
1	Yes	18	0.0%
.	Missing	551	0.3%
		192,564	

Prolonged PR interval

Variable # 24
Sas Name: PROPRINT
Sas Label: Prolonged PR interval

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	186,909	97.1%
1	Yes	4,389	2.3%
.	Missing	1,266	0.7%
		192,564	

Short PR interval

Variable # 25
Sas Name: SHPRINT
Sas Label: Short PR interval

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	187,004	97.1%
1	Yes	4,294	2.2%
.	Missing	1,266	0.7%
		192,564	

Ventricular tachycardia

Variable # 26
Sas Name: VENTTACH
Sas Label: Ventricular tachycardia

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	192,012	99.7%
1	Yes	1	0.0%
.	Missing	551	0.3%
		192,564	

Supraventricular tachycardia

Variable # 27
Sas Name: SUPTACH
Sas Label: Supraventricular tachycardia

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	191,992	99.7%
1	Yes	21	0.0%
.	Missing	551	0.3%
		192,564	

Atrial fibrillation

Variable # 28
Sas Name: ATFIB
Sas Label: Atrial fibrillation

Usage Notes: none
Categories: Clinical Tests: ECG

Values		N	%
0	No	190,748	99.1%
1	Yes	1,265	0.7%
.	Missing	551	0.3%
		192,564	

Atrial flutter

Variable # 29

Sas Name: ATFLUT

Sas Label: Atrial flutter

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,877	99.6%
1	Yes	136	0.1%
.	Missing	551	0.3%
		192,564	

Pause

Variable # 30

Sas Name: PAUSE

Sas Label: Pause

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,995	99.7%
1	Yes	18	0.0%
.	Missing	551	0.3%
		192,564	

Bradycardia

Variable # 31

Sas Name: BRADY

Sas Label: Bradycardia

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	189,387	98.4%
1	Yes	3,032	1.6%
.	Missing	145	0.1%
		192,564	

Wandering atrial pacemaker

Variable # 32

Sas Name: WANDER

Sas Label: Wandering atrial pacemaker

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,874	99.6%
1	Yes	139	0.1%
.	Missing	551	0.3%
		192,564	

Uncertain rhythm classification

Variable # 33
Sas Name: UNRHYTHM
Sas Label: Uncertain rhythm classification

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	191,476	99.4%
1	Yes	537	0.3%
.	Missing	551	0.3%
		192,564	

Minnesota code L1

Variable # 34
Sas Name: MNL1
Sas Label: Minnesota code L1

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC L1.0	186,357	96.8%
11	MC L1.1.1	41	0.0%
12	MC L1.1.2	4	0.0%
13	MC L1.1.3	57	0.0%
14	MC L1.1.4	0	0.0%
15	MC L1.1.5	0	0.0%
16	MC L1.1.6	5	0.0%
17	MC L1.1.7	0	0.0%
21	MC L1.2.1	67	0.0%
22	MC L1.2.2	193	0.1%
23	MC L1.2.3	13	0.0%
24	MC L1.2.4	0	0.0%
25	MC L1.2.5	0	0.0%
26	MC L1.2.6	0	0.0%
27	MC L1.2.7	0	0.0%
28	MC L1.2.8	0	0.0%
31	MC L1.3.1	907	0.5%
32	MC L1.3.2	0	0.0%
33	MC L1.3.3	577	0.3%
34	MC L1.3.4	0	0.0%
35	MC L1.3.5	0	0.0%
38	MC L1.3.8	114	0.1%
.	Missing	4,229	2.2%
		192,564	

Minnesota code F1

Variable # 35

Sas Name: MNF1

Sas Label: Minnesota code F1

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC F1.0	179,695	93.3%
11	MC F1.1.1	74	0.0%
12	MC F1.1.2	1	0.0%
13	MC F1.1.3	0	0.0%
14	MC F1.1.4	341	0.2%
15	MC F1.1.5	38	0.0%
16	MC F1.1.6	0	0.0%
17	MC F1.1.7	0	0.0%
21	MC F1.2.1	241	0.1%
22	MC F1.2.2	79	0.0%
23	MC F1.2.3	277	0.1%
24	MC F1.2.4	1,079	0.6%
25	MC F1.2.5	124	0.1%
26	MC F1.2.6	1,169	0.6%
27	MC F1.2.7	0	0.0%
28	MC F1.2.8	0	0.0%
31	MC F1.3.1	417	0.2%
32	MC F1.3.2	0	0.0%
33	MC F1.3.3	0	0.0%
34	MC F1.3.4	1,686	0.9%
35	MC F1.3.5	313	0.2%
36	MC F1.3.6	2,801	1.5%
.	Missing	4,229	2.2%
		192,564	

Minnesota code V1

Variable # 36
Sas Name: MNV1
Sas Label: Minnesota code V1

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC V1.0	183,315	95.2%
11	MC V1.1.1	251	0.1%
12	MC V1.1.2	405	0.2%
13	MC V1.1.3	0	0.0%
14	MC V1.1.4	0	0.0%
15	MC V1.1.5	0	0.0%
16	MC V1.1.6	424	0.2%
17	MC V1.1.7	62	0.0%
21	MC V1.2.1	77	0.0%
22	MC V1.2.2	81	0.0%
23	MC V1.2.3	0	0.0%
24	MC V1.2.4	0	0.0%
25	MC V1.2.5	0	0.0%
26	MC V1.2.6	0	0.0%
27	MC V1.2.7	329	0.2%
28	MC V1.2.8	0	0.0%
31	MC V1.3.1	163	0.1%
32	MC V1.3.2	1,950	1.0%
33	MC V1.3.3	0	0.0%
34	MC V1.3.4	0	0.0%
35	MC V1.3.5	0	0.0%
36	MC V1.3.6	0	0.0%
38	MC V1.3.8	1,192	0.6%
.	Missing	4,315	2.2%
		192,564	

Minnesota code L4

Variable # 37
Sas Name: MNL4
Sas Label: Minnesota code L4

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC L4.0	177,748	92.3%
2	MC L4.2	2,040	1.1%
3	MC L4.3	4,419	2.3%
4	MC L4.4	52	0.0%
11	MC L4.1.1	18	0.0%
12	MC L4.1.2	284	0.1%
.	Missing	8,003	4.2%
		192,564	

Minnesota code F4

Variable # 38

Sas Name: MNF4

Sas Label: Minnesota code F4

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC F4.0	183,033	95.1%
2	MC F4.2	877	0.5%
3	MC F4.3	512	0.3%
4	MC F4.4	100	0.1%
11	MC F4.1.1	4	0.0%
12	MC F4.1.2	81	0.0%
.	Missing	7,957	4.1%
		192,564	

Minnesota code V4

Variable # 39

Sas Name: MNV4

Sas Label: Minnesota code V4

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC V4.0	180,489	93.7%
2	MC V4.2	1,775	0.9%
3	MC V4.3	1,246	0.6%
4	MC V4.4	690	0.4%
11	MC V4.1.1	30	0.0%
12	MC V4.1.2	370	0.2%
.	Missing	7,964	4.1%
		192,564	

Minnesota code L5

Variable # 40

Sas Name: MNL5

Sas Label: Minnesota code L5

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC L5.0	163,215	84.8%
1	MC L5.1	77	0.0%
2	MC L5.2	3,589	1.9%
3	MC L5.3	15,065	7.8%
4	MC L5.4	2,620	1.4%
.	Missing	7,998	4.2%
		192,564	

Minnesota code F5

Variable # 41

Sas Name: MNF5

Sas Label: Minnesota code F5

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC F5.0	179,765	93.4%
1	MC F5.1	6	0.0%
2	MC F5.2	823	0.4%
3	MC F5.3	3,612	1.9%
4	MC F5.4	401	0.2%
.	Missing	7,957	4.1%
		192,564	

Minnesota code V5

Variable # 42

Sas Name: MNV5

Sas Label: Minnesota code V5

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	MC V5.0	169,312	87.9%
1	MC V5.1	283	0.1%
2	MC V5.2	5,592	2.9%
3	MC V5.3	6,420	3.3%
4	MC V5.4	2,996	1.6%
.	Missing	7,961	4.1%
		192,564	

Major ventricular conduction defects

Variable # 43

Sas Name: MAJVENT

Sas Label: Major ventricular conduction defects

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	Minnesota code 7.0	185,620	96.4%
1	Minnesota code 7.1, 7.2, or 7.4	6,931	3.6%
.	Missing	13	0.0%
		192,564	

Minor ventricular conduction aberrations

Variable # 44

Sas Name: MINVENT

Sas Label: Minor ventricular conduction aberrations

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	Minnesota code 7.0	179,017	93.0%
1	Minnesota code 7.3	5,761	3.0%
2	Minnesota code 7.6	7,128	3.7%
.	Missing	658	0.3%
		192,564	