

DCCT Data Set Documentation: Form 24

Form 24: Resting Electrocardiogram Grading Form

Purpose: Report the Central ECG Reading Unit's categorization of resting electrocardiograms using the Minnesota coding scheme. Details of the Minnesota codes are provided in Table 18.1 in Chapter 18 of the DCCT Manual of Operations.

Collection Schedule: Baseline, every other annual visit, and close-out.

Data Set Name: F0241

Structure: One record per patient per electrocardiogram graded.

Size: 6182 observations of 54 variables.

Known Anomalies: Quantitative variables such as heart rate, QRS axis, and the measured heights or depths of the R, S, and T waves are generally present. Variables representing specific Minnesota codes are missing unless the CERU observed the corresponding condition (e.g., an A-V conduction defect). If no Minnesota codes were assigned, the variable called BDCLEAR should have a value of 1, but this confirmation was not provided with perfect consistency.

The summary variable BDSUMGRD shown on the form was not frequently completed by the CERU, and has been dropped from the archived data set.

Comments: In addition to the variables listed on the form, the archived data set includes summary variables indicating the most severe abnormality of each type detected. These are stored as character variables of length no greater than 40.



DEC 29 1989

DIABETES CONTROL AND COMPLICATIONS TRIAL
Resting Electrocardiogram Grading Form

FORM

June 1, 1981
DCCT Form 025...
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- 1-FORM
- 2-CLINIC
- 3-PATIENT
- 4-INITIALS
- 5-FORM DATE
- 6-CERT NO

DCCT EV 08 ECG (SECOND ANNUAL)
 CLINIC # ID# MASK-PAT
 PATIENT'S INITIALS:
 DATE (M.D.Y): FSASDATE
 CERTIF. #

Q and QS Patterns (1XX)			ST Segment Depression (4XX)			T Wave Items (5X)			ST Segment Elev. (92X)			R (3X)	AV Cond. Defect (6XX)	Vent. Cond. Defect (7XX)
I AVL V ₆	2 J AVF	V ₁ V ₅	I AVL V ₆	2 J AVF	V ₁ V ₅	I L V ₆	2 F F	V ₂ V ₅	I L V ₆	2 F F	V ₁ V ₅	1 0	11	12
R	S	T	U	Y	W	X	Y	Z	1	2	3			
37-38			39-40			41-43			44-46			47	48-49	50-51

Arrhythmias (8X)						Ectopic Codes (H I)					Miscellaneous (9X)				Heart Rate (A)			
1X	2X	3X	4X	5X	6X	SVPD	V/PB	RNDG	MF	T-R	1	3	5	4X	per minute			
B	C	D	E	F	G	0	0	0	J	K	L	M	N	O	P	0	5	3
52-57						58-63					64-67				68-71			

QRS AXIS (Q)	Max. R. Height (mms)	Max. S. Depth (mms)	T Height (mms)	R Height (mms)	Tech. Prob. (98X)	Clear (1.0)
I II III + 0 5 5	I II V ₄ V ₅ V ₆ + 4 2 2	I II V ₁ V ₂ V ₃ 0 0 0 9	V ₅ + 1 1 0	AVL 8 0 2	9	1.0 14
72-76	4 77-78 5	6 79-81 7	82-83	84-87	88	89

New Field
BD SUM GRD

SUMMARY OF GRADING: ~~NORMAL~~ ECG
 MAJOR ECG ABNORMALITY ()
 MINOR ECG ABNORMALITY ()
 OTHER ()

13

Comments:

SEE Cross-reference table to IDENTIFY VARIABLE NAMES

Cross-Reference: DCCT Form 24 to Variable Names

NOTATION on form	VARIABLE	VARIABLE LABEL
<i>See Note A</i>	qqs_patt	summary: q/qs patterns
<i>See Note A</i>	twave	summary: t-wave findings
<i>See Note A</i>	st_depr	summary: s-t depression
<i>See Note A</i>	rwave	summary: high-amplitude r waves
<i>See Note A</i>	av_defct	summary: av conduction defects
<i>See Note A</i>	vent_def	summary: ventricular conduction defects
<i>See Note A</i>	prematu	summary: premature complexes
<i>See Note A</i>	miscell	summary: miscellaneous items
<i>See Note A</i>	arrhythm	summary: other arrhythmias
<i>See Note A</i>	st_elev	summary: s-t elevation
<i>See Note A</i>	maj_abn	summary: any major abnormality?
fsasdate	fsasdate	ecg grading date as sas date value
form	form	dcct form number
A	bdhrate	heart rate (beats per minute)
Q	bdqrs	q-r-s axis (degrees)
13	bdth	t-wave height (mm), lead v5
R	bdqqs1	q/qs patterns: codes 1-x-x (I avl v6)
S	bdqqs2	q/qs patterns: codes 1-x-x (2 3 avf)
T	bdqqs3	q/qs patterns: minn. Codes 1-x-x (v1-v5)
U	bdstd1	s-t segment depression (4-x-x): I avl v6
V	bdstd2	s-t segment depression (4-x-x): 2 3 avf
W	bdstd3	s-t segment depression (4-x-x): v1-v5
X	bdtwi1	t-wave items, minn. codes 5-x: I avl v6
Y	bdtwi2	t-wave items, minn. codes 5-x: 2, 3, avf
Z	bdtwi3	t-wave items, minn. codes 5-x: v2-v5
1	bdstse1	s-t segment elevation (9-2-x): I avl v6
2	bdstse2	s-t segment elevation (9-2-x): 2, 3, avf
3	bdstse3	s-t segment elevation (9-2-x): v1-v5
10	bdr3x	high-amplitude r wave (minn. codes 3-x)
11	bdavcd	a-v conduction defect: minn. code 6-x-x
12	bdvcd	ventricular conduction defect (7-x-x)
B	bdarr1	arrhythmia: minnesota code 8-1-x
C	bdarr2	arrhythmia: minnesota code 8-2-x

NOTATION on form	VARIABLE	VARIABLE LABEL
D	bdarr3	arrhythmia: minnesota code 8-3-x
E	bdarr4	arrhythmia: minnesota code 8-4-x
F	bdarr5	arrhythmia: minnesota code 8-5-x
G	bdarr6	arrhythmia: minnesota code 8-6-x
H	bdec1	ectopic code: supravent. premature beats
I	bdec2	ectopic code: ventr. Premature beats
J	bdec3	ectopic code: run or bigemeny
K	bdec4	ectopic code: multi-form
L	bdec5	ectopic code: t-r wave items
M	bdmisc1	miscellaneous item: minnesota code 9-1
N	bdmisc2	miscellaneous item: minnesota code 9-3
O	bdmisc3	miscellaneous item: minnesota code 9-5
P	bdmisc4	miscellaneous items: minn. Code 9-4-x
4	bdmrh1	maximum r height (mm), leads i, ii, iii
5	bdmrh2	maximum r height (mm), leads v4, v5, v6
6	bdmsd1	maximum s depth (mm), leads i, ii, iii
7	bdmsd2	maximum s depth (mm), leads v1, v2, v3
8	bdrh	r-wave height (mm), avl lead
9	bdtp	tech. problem: 1=severe, 2=ecg codable
14	bdclear	clear ecg: no minn. codes found (1 = y)
mask_pat	mask_pat	masked patient id number





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DIABETES CONTROL AND COMPLICATIONS TRIAL
Resting Electrocardiogram Grading Form

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- 1-Form
- 2-Clinic
- 3-patient
- 4-INITIALS
- 5-Formdate
- 6-CERT No

DCCT EV 08 ECG (SECOND ANNUAL)

CLINIC # 1000 ID# 1000

PATIENT'S INITIALS:

DATE (M.D.Y):

CERTIF. #

Q and QS Patterns (1XX) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I AVL</td><td>2</td><td>3</td><td>V₁V₅ →</td></tr> <tr><td>V₆</td><td>AVF</td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">27-28</p>	I AVL	2	3	V ₁ V ₅ →	V ₆	AVF							ST Segment Depression (4XX) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I AVL</td><td>2</td><td>3</td><td>V₁V₅ →</td></tr> <tr><td>V₆</td><td>AVF</td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">32-38</p>	I AVL	2	3	V ₁ V ₅ →	V ₆	AVF							T Wave Items (5X) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I L</td><td>2</td><td>3</td><td>V₂V₅ →</td></tr> <tr><td>V₆</td><td>F</td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">39-43</p>	I L	2	3	V ₂ V ₅ →	V ₆	F							ST Segment Elev. (92X) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I L</td><td>2</td><td>3</td><td>V₁V₅ →</td></tr> <tr><td>V₆</td><td>F</td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">42-44</p>	I L	2	3	V ₁ V ₅ →	V ₆	F							R (3X) <table border="1" style="width: 100%; text-align: center;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <p style="text-align: center;">45</p>				AV Cond. Defect (6XX) <table border="1" style="width: 100%; text-align: center;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <p style="text-align: center;">46-47</p>				Vent. Cond. Defect (7XX) <table border="1" style="width: 100%; text-align: center;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <p style="text-align: center;">48-49</p>			
I AVL	2	3	V ₁ V ₅ →																																																												
V ₆	AVF																																																														
I AVL	2	3	V ₁ V ₅ →																																																												
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V ₆	F																																																														
Arrhythmias (8X) <table border="1" style="width: 100%; text-align: center;"> <tr><td>1X</td><td>2X</td><td>3X</td><td>4X</td><td>5X</td><td>6X</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">50-55</p>						1X	2X	3X	4X	5X	6X							Ectopic Codes <table border="1" style="width: 100%; text-align: center;"> <tr><td>SVPD</td><td>VPD</td><td>RNDG</td><td>MF</td><td>T-R</td></tr> <tr><td>0/0</td><td>0/0</td><td> </td><td> </td><td> </td></tr> </table> <p style="text-align: center;">56-62</p>			SVPD	VPD	RNDG	MF	T-R	0/0	0/0				Miscellaneous (9X) <table border="1" style="width: 100%; text-align: center;"> <tr><td>1</td><td>3</td><td>5</td><td>4X</td></tr> <tr><td> </td><td> </td><td> </td><td>1</td></tr> </table> <p style="text-align: center;">63-67</p>		1	3	5	4X				1	Heart Rate <table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2">per minute</td></tr> <tr><td>0/5</td><td>3</td></tr> </table> <p style="text-align: center;">68-71</p>		per minute		0/5	3																	
1X	2X	3X	4X	5X	6X																																																										
SVPD	VPD	RNDG	MF	T-R																																																											
0/0	0/0																																																														
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per minute																																																															
0/5	3																																																														
QRS AXIS <table border="1" style="width: 100%; text-align: center;"> <tr><td>+</td><td>0</td><td>5</td><td>5</td></tr> </table> <p style="text-align: center;">72-76</p>		+	0	5	5	Max. R. Height (mms) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I II</td><td>V₄V₅V₆</td></tr> <tr><td>III</td><td></td></tr> <tr><td>1/4</td><td>2/2</td></tr> </table> <p style="text-align: center;">77-78</p>		I II	V ₄ V ₅ V ₆	III		1/4	2/2	Max. S. Depth (mms) <table border="1" style="width: 100%; text-align: center;"> <tr><td>I II</td><td>V₁V₂V₃</td></tr> <tr><td>III</td><td></td></tr> <tr><td>0/0</td><td>0/9</td></tr> </table> <p style="text-align: center;">79-81</p>		I II	V ₁ V ₂ V ₃	III		0/0	0/9	T Height (mms) <table border="1" style="width: 100%; text-align: center;"> <tr><td>V₅</td></tr> <tr><td>+</td><td>1</td><td>0</td></tr> </table> <p style="text-align: center;">82-85</p>		V ₅	+	1	0	R Height (mms) <table border="1" style="width: 100%; text-align: center;"> <tr><td>AVL</td></tr> <tr><td>0/2</td></tr> </table> <p style="text-align: center;">86-87</p>		AVL	0/2	Tech. Prob. 98X <table border="1" style="width: 100%; text-align: center;"> <tr><td> </td></tr> <tr><td> </td></tr> </table> <p style="text-align: center;">88</p>				Clear 1.0 <table border="1" style="width: 100%; text-align: center;"> <tr><td> </td></tr> <tr><td> </td></tr> </table> <p style="text-align: center;">89</p>																											
+	0	5	5																																																												
I II	V ₄ V ₅ V ₆																																																														
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+	1	0																																																													
AVL																																																															
0/2																																																															

Comments:

New Field
BD Sum GRD

SUMMARY OF GRADING: ~~NORMAL~~ ECG (X)

MAJOR ECG ABNORMALITY ()

MINOR ECG ABNORMALITY ()

OTHER ()



CONTENTS PROCEDURE

Data Set Name: DCEXPORT.F0241
 Member Type: DATA
 Engine: V608
 Created: 14:56 Friday, October 13, 1995
 Last Modified: 14:56 Friday, October 13, 1995
 Protection:
 Data Set Type:
 Label:

Observations: 6182
 Variables: 54
 Indexes: 0
 Observation Length: 394
 Deleted Observations: 0
 Compressed: NO
 Sorted: YES

-----Engine/Host Dependent Information-----

Data Set Page Size: 16384
 Number of Data Set Pages: 152
 File Format: 607
 First Data Page: 1
 Max Obs per Page: 41
 Obs in First Data Page: 23
 Userid : SAS2
 File : F0241 DCEXPORT

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Label
9	ARRHYTHM	Char	40	241		Summary: Other arrhythmias
5	AV_DEFCT	Char	34	105		Summary: AV conduction defects
32	BDARR1	Num	2	342		Arrhythmia: Minn. Code 8-1-X
33	BDARR2	Num	2	344		Arrhythmia: Minn. Code 8-2-X
34	BDARR3	Num	2	346		Arrhythmia: Minn. Code 8-3-X
35	BDARR4	Num	2	348		Arrhythmia: Minn. Code 8-4-X
36	BDARR5	Num	2	350		Arrhythmia: Minn. Code 8-5-X
37	BDARR6	Num	2	352		Arrhythmia: Minn. Code 8-6-X
30	BDVAVCD	Num	2	338		A-V conduction defect: Minn. Code 6-X-X
53	BDCLEAR	Num	2	384		Clear ECG: No Minn. codes found (1 = Y)
38	BDEC1	Num	2	354		Ectopic code: Supravent. premature beats
39	BDEC2	Num	2	356		Ectopic code: Ventr. premature beats
40	BDEC3	Num	2	358		Ectopic code: Run or bigeminy
41	BDEC4	Num	2	360		Ectopic code: Multi-form
42	BDEC5	Num	2	362		Ectopic code: T-R wave items
14	BDRATE	Num	3	293		Heart rate (beats per minute)
43	BDMISC1	Num	2	364		Miscellaneous item: Minnesota Code 9-1
44	BDMISC2	Num	2	366		Miscellaneous item: Minnesota Code 9-3
45	BDMISC3	Num	2	368		Miscellaneous item: Minnesota Code 9-5
46	BDMISC4	Num	2	370		Miscellaneous items: Minn. Code 9-4-X
47	BDMRH1	Num	2	372		Maximum R height (mm), leads I, II, III
48	BDMRH2	Num	2	374		Maximum R height (mm), leads V4, V5, V6
49	BDMSD1	Num	2	376		Maximum S depth (mm), leads I, II, III
50	BDMSD2	Num	2	378		Maximum S depth (mm), leads V1, V2, V3
17	BDQQS1	Num	2	312		Q/QS patterns: Codes 1-X-X (I AVL V6)
18	BDQQS2	Num	2	314		Q/QS patterns: Codes 1-X-X (2 3 AVF)
19	BDQQS3	Num	2	316		Q/QS patterns: Minn. Codes 1-X-X (V1-V5)
15	BDQRS	Num	8	296		Q-R-S axis (degrees)
51	BDRH	Num	2	380		R-wave height (mm), AVL lead
29	BDR3X	Num	2	336		High-amplitude R wave (Minn. Codes 3-X)
20	BDSTSD1	Num	2	318		S-T segment depression (4-X-X): 1 AVL V6
21	BDSTSD2	Num	2	320		S-T segment depression (4-X-X): 2 3 AVF

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
22	BDSTSD3	Num	2	322		S-T segment depression (4-X-X): V1-V5
26	BDSTSE1	Num	2	330		S-T segment elevation (9-2-X): I aVL V6
27	BDSTSE2	Num	2	332		S-T segment elevation (9-2-X): 2, 3, aVF
28	BDSTSE3	Num	2	334		S-T segment elevation (9-2-X): V1-V5
16	BDTH	Num	8	304		T-wave height (mm), lead V5
52	BDTP	Num	2	382		Tech. problem: 1=severe, 2=ECG codable
23	BDTW11	Num	2	324		T-wave items, Minn. Codes 5-X: I aVL V6
24	BDTW12	Num	2	326		T-wave items, Minn. Codes 5-X: 2, 3, aVF
25	BDTW13	Num	2	328		T-wave items, Minn. Codes 5-X: V2-V5
31	BDVCD	Num	2	340		Ventricular conduction defect (7-X-X)
13	FORM	Num	3	290		DCCT form number
12	FSASDATE	Num	3	287	MMDDYY8.	ECG grading date as SAS date value
11	MAJ_ABN	Char	3	284		Summary: Any major abnormality?
54	MASK_PAT	Num	8	386		Masked patient ID number
8	MISCELL	Char	36	205		Summary: Miscellaneous items
7	PREMATUR	Char	36	169		Summary: Premature complexes
1	QOS_PATT	Char	25	0		Summary: Q/QS patterns
4	RWAVE	Char	32	73		Summary: High-amplitude R waves
3	ST_DEPR	Char	32	41		Summary: S-T depression
10	ST_ELEV	Char	3	281		Summary: S-T elevation
2	TWAVE	Char	16	25		Summary: T-wave findings
6	VENT_DEF	Char	30	139		Summary: Ventricular conduction defects

-----Sort Information-----

Sortedby: MASK_PAT FSASDATE
 Validated: YES
 Character Set: EBCDIC

* D I S T R I B U T I O N A L S U M M A R Y * *

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->
SUMMARY: OTHER ARRHYTHMIAS													
Variable Name: ARRHYTHM	N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	3055.00	3127.00	6182.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (1) %	0.07	0.13	0.10	0.12	0.00	0.06	0.10	0.06	0.08	0.10	0.06	0.08
	Value (2) %	0.07	0.13	0.10	0.18	0.00	0.09	0.13	0.06	0.10	0.13	0.06	0.10
	Value (3) %	99.86	99.74	99.79	99.70	100.00	99.85	99.77	99.87	99.82	99.77	99.87	99.82
SUMMARY: AV CONDUCTION DEFECTS													
Variable Name: AV_DEFCT	N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	3055.00	3127.00	6182.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (1) %	95.80	97.22	96.54	97.61	97.28	97.45	96.79	97.25	97.02	96.79	97.25	97.02
	Value (3) %	4.20	2.78	3.46	2.39	2.72	2.55	3.21	2.75	2.98	3.21	2.75	2.98
ARRHYTHMIA: MINNESOTA CODE 8-1-X													
Variable Name: BDARR1	N	26.00	36.00	62.00	39.00	33.00	72.00	65.00	69.00	134.00	65.00	69.00	134.00
	Nmiss	1356.00	1475.00	2831.00	1634.00	1583.00	3217.00	2990.00	3058.00	6048.00	2990.00	3058.00	6048.00
	Value (1) %	42.31	41.67	41.94	48.72	45.45	47.22	46.15	43.48	44.78	46.15	43.48	44.78
	Value (2) %	19.23	25.00	22.58	23.08	15.15	19.44	20.29	20.90	20.90	20.29	20.90	20.90
	Value (3) %	23.08	19.44	20.97	17.95	9.09	13.89	20.00	14.49	17.16	20.00	14.49	17.16
	Value (4) %	11.54	13.89	12.90	10.26	30.30	19.44	10.77	21.74	16.42	10.77	21.74	16.42
	Value (5) %	3.85	0.00	1.61	0.00	0.00	0.00	1.54	0.00	0.75	1.54	0.00	0.75
ARRHYTHMIA: MINNESOTA CODE 8-2-X													
Variable Name: BDARR2	N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	3055.00	3127.00	6182.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (1) %	0.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	2.00
	Value (3) %	0.00	1509.00	2891.00	1673.00	1616.00	3289.00	3055.00	3125.00	6180.00	3055.00	3125.00	6180.00
	Value (5) %	0.00	50.00	50.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	50.00	50.00
ARRHYTHMIA: MINNESOTA CODE 8-4-X													
Variable Name: BDARR4	N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	3055.00	3127.00	6182.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (1) %	0.00	2.00	2.00	4.00	0.00	4.00	4.00	2.00	6.00	4.00	2.00	6.00
	Value (3) %	0.00	1509.00	2891.00	1669.00	1616.00	3285.00	3051.00	3125.00	6176.00	3051.00	3125.00	6176.00
	Value (5) %	0.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
ARRHYTHMIA: MINNESOTA CODE 8-5-X													
Variable Name: BDARR5	N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	3055.00	3127.00	6182.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (3) %	2.00	0.00	2.00	1.00	0.00	1.00	3.00	0.00	3.00	3.00	0.00	3.00
	Value (4) %	50.00	0.00	50.00	0.00	0.00	0.00	33.33	0.00	33.33	33.33	0.00	33.33
	Value (5) %	50.00	0.00	50.00	100.00	0.00	100.00	66.67	0.00	66.67	66.67	0.00	66.67
A-V CONDUCTION DEFECT: MINN. CODE 6-X-X													
Variable Name: BDAVCD	N	58.00	42.00	100.00	42.00	44.00	86.00	100.00	86.00	186.00	100.00	86.00	186.00
	Nmiss	1324.00	1469.00	2793.00	1631.00	1572.00	3203.00	2955.00	3041.00	5996.00	2955.00	3041.00	5996.00
	Value (3) %	18.97	23.81	21.00	4.76	2.27	3.49	13.00	12.79	12.90	13.00	12.79	12.90
	Value (5) %	81.03	76.19	79.00	95.24	97.73	96.51	87.00	87.21	87.10	87.00	87.21	87.10

Notes: (VIM=DOUGPROD 191: F024f LISTING)
 (VM=ARNOLD 191: DOCUMENT SAS)

* * DISTRIBUTIONAL SUMMARY * *

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<Overall-->
CLEAR ECG: NO MINN. CODES FOUND (1 = Y)														
Variable Name: BDCLEAR														
N		500.00	517.00	1017.00	601.00	635.00	1236.00	1101.00	1152.00	2253.00	1101.00	1152.00	2253.00	
Nmiss		882.00	994.00	1876.00	1072.00	981.00	2053.00	1954.00	1975.00	3929.00	1954.00	1975.00	3929.00	
Value (0) %		100.00	98.84	99.41	98.84	99.06	98.95	99.36	98.96	99.16	99.36	98.96	99.16	
Value (1) %		0.00	0.77	0.39	1.00	0.94	0.97	0.54	0.87	0.71	0.54	0.87	0.71	
Value (2) %		0.00	0.00	0.00	0.17	0.00	0.08	0.09	0.00	0.04	0.09	0.00	0.04	
Value (6) %		0.00	0.19	0.10	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.09	0.04	
Value (9) %		0.00	0.19	0.10	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.09	0.04	
ECTOPIC CODE: SUPRAVENT. PREMATURE BEATS														
Variable Name: BDEC1														
N		1377.00	1508.00	2885.00	1662.00	1610.00	3272.00	3039.00	3118.00	6157.00	3039.00	3118.00	6157.00	
Nmiss		5.00	3.00	8.00	11.00	6.00	17.00	16.00	9.00	25.00	16.00	9.00	25.00	
Mean		0.06	0.10	0.08	0.12	0.07	0.10	0.09	0.08	0.09	0.09	0.08	0.09	
Std		0.65	1.19	0.97	1.81	1.14	1.52	1.41	1.16	1.29	1.41	1.16	1.29	
Minimum		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25th pct		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Median		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
75th pct		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum		15.00	26.00	26.00	63.00	41.00	63.00	63.00	41.00	63.00	63.00	41.00	63.00	
ECTOPIC CODE: VENTR. PREMATURE BEATS														
Variable Name: BDEC2														
N		1377.00	1508.00	2885.00	1660.00	1610.00	3270.00	3037.00	3118.00	6155.00	3037.00	3118.00	6155.00	
Nmiss		5.00	3.00	8.00	13.00	6.00	19.00	18.00	9.00	27.00	18.00	9.00	27.00	
Mean		0.03	0.03	0.03	0.05	0.02	0.03	0.04	0.02	0.03	0.04	0.02	0.03	
Std		0.37	0.48	0.43	0.61	0.35	0.50	0.52	0.42	0.47	0.52	0.42	0.47	
Minimum		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25th pct		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Median		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
75th pct		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum		8.00	13.00	13.00	16.00	9.00	16.00	16.00	13.00	16.00	16.00	13.00	16.00	
ECTOPIC CODE: RUN OR BIGEMENY														
Variable Name: BDEC3														
N		27.00	40.00	67.00	44.00	27.00	71.00	71.00	67.00	138.00	71.00	67.00	138.00	
Nmiss		1355.00	1471.00	2826.00	1629.00	1589.00	3218.00	2984.00	3060.00	6044.00	2984.00	3060.00	6044.00	
Value (0) %		0.00	0.00	0.00	0.00	3.70	1.41	0.00	1.49	0.72	0.00	1.49	0.72	
Value (1) %		96.30	95.00	95.52	95.45	92.59	94.37	95.77	94.03	94.93	95.77	94.03	94.93	
Value (2) %		3.70	5.00	4.48	4.55	3.70	4.23	4.23	4.48	4.35	4.23	4.48	4.35	
ECTOPIC CODE: MULTI-FORM														
Variable Name: BDEC4														
N		27.00	40.00	67.00	44.00	26.00	70.00	71.00	66.00	137.00	71.00	66.00	137.00	
Nmiss		1355.00	1471.00	2826.00	1629.00	1590.00	3219.00	2984.00	3061.00	6045.00	2984.00	3061.00	6045.00	
Value (1) %		96.30	100.00	98.51	90.91	96.15	92.86	92.96	98.48	95.62	92.96	98.48	95.62	
Value (2) %		3.70	0.00	1.49	6.82	3.85	5.71	5.63	1.52	3.65	5.63	1.52	3.65	
Value (4) %		0.00	0.00	0.00	2.27	0.00	1.43	1.41	0.00	0.73	1.41	0.00	0.73	

Notes:
 (VM=DOUGPROD 191: F0241 LISTING)
 (VM=ARNOLD 191: DOCUMENT SAS)

* DISTRIBUTIONAL SUMMARY *

Variable Attributes	Statistic	Primary Retinopathy		Secondary Retinopathy		Treatment Group		Overall
		<--Int-->	<--Cnv-->	<--Int-->	<--Cnv-->	<--Int-->	<--Cnv-->	<Overall-->
ECTOPIC CODE: T-R WAVE ITEMS								
Variable Name: BDECS								
N	27.00	40.00	67.00	44.00	26.00	70.00	71.00	66.00
Nmiss	1355.00	1471.00	2826.00	1629.00	1590.00	3219.00	2984.00	3061.00
Mean	7.48	10.30	9.16	6.93	7.00	6.96	7.14	9.00
Std	3.15	14.62	11.50	3.33	3.77	3.47	3.25	11.68
Minimum	3.00	4.00	3.00	3.00	2.00	2.00	3.00	2.00
25th pct	5.00	6.00	6.00	4.00	5.00	4.00	5.00	5.00
Median	7.00	7.00	7.00	6.00	5.00	5.50	6.00	7.00
75th pct	8.00	11.00	10.00	9.50	9.00	9.00	9.00	10.00
Maximum	16.00	99.00	99.00	14.00	18.00	18.00	16.00	99.00
HEART RATE (BEATS PER MINUTE)								
Variable Name: BDHRATE								
N	1381.00	1510.00	2891.00	1673.00	1614.00	3287.00	3054.00	3124.00
Nmiss	1.00	1.00	2.00	0.00	2.00	2.00	1.00	3.00
Mean	66.80	68.49	67.68	69.16	70.85	69.99	68.09	69.71
Std	11.25	26.60	20.75	11.16	11.14	11.18	11.26	20.18
Minimum	30.00	36.00	30.00	38.00	37.00	37.00	30.00	36.00
25th pct	58.00	60.00	60.00	62.00	63.00	62.00	61.00	61.50
Median	66.00	68.00	67.00	69.00	70.00	70.00	68.00	69.00
75th pct	73.00	75.00	75.00	77.00	78.00	77.00	75.00	77.00
Maximum	111.00	999.00	999.00	111.00	111.00	111.00	111.00	999.00
MISCELLANEOUS ITEM: MINNESOTA CODE 9-1								
Variable Name: BDMISC1								
N	15.00	24.00	39.00	16.00	19.00	35.00	31.00	43.00
Nmiss	1367.00	1487.00	2854.00	1657.00	1597.00	3254.00	3024.00	3084.00
Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MISCELLANEOUS ITEM: MINNESOTA CODE 9-3								
Variable Name: BDMISC2								
N	1.00	0.00	1.00	2.00	1.00	3.00	3.00	1.00
Nmiss	1381.00	1511.00	2892.00	1671.00	1615.00	3286.00	3052.00	3126.00
Value (0) %	0.00	0.00	0.00	100.00	0.00	66.67	66.67	0.00
Value (3) %	100.00	0.00	100.00	0.00	100.00	33.33	33.33	100.00
MISCELLANEOUS ITEM: MINNESOTA CODE 9-5								
Variable Name: BDMISC3								
N	26.00	41.00	67.00	49.00	34.00	83.00	75.00	75.00
Nmiss	1356.00	1470.00	2826.00	1624.00	1582.00	3206.00	2980.00	3052.00
Value (5) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MISCELLANEOUS ITEMS: MINN. CODE 9-4-X								
Variable Name: BDMISC4								
N	735.00	851.00	1586.00	893.00	822.00	1715.00	1628.00	1673.00
Nmiss	647.00	660.00	1307.00	780.00	794.00	1574.00	1427.00	1454.00
Value (1) %	81.22	81.67	81.46	83.65	80.41	82.10	82.56	81.05
Value (2) %	18.78	18.33	18.54	16.24	19.46	17.78	17.38	18.89
Value (5) %	0.00	0.00	0.00	0.00	0.12	0.06	0.00	0.06
Value (7) %	0.00	0.00	0.00	0.11	0.00	0.06	0.06	0.00

* * * D I S T R I B U T I O N A L S U M M A R Y * *

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<-Total-->	<--Int-->	<--Cnv-->	<-Total-->	<--Int-->	<--Cnv-->	<-Total-->	<--Int-->	<--Cnv-->	<-Total-->
MAXIMUM R HEIGHT (MM), LEADS I, II, III													
Variable Name: BDMRH1													
N	1381.00	1511.00	2892.00	1673.00	1616.00	3289.00	3054.00	3127.00	6181.00				
Nmiss	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00				
Mean	10.21	10.12	10.17	10.04	9.54	9.79	10.12	9.82	9.97				
Std	4.13	4.25	4.19	3.63	3.40	3.53	3.86	3.84	3.86				
Minimum	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00				
25th pct	8.00	7.00	8.00	7.00	7.00	7.00	8.00	7.00	7.00				
Median	10.00	10.00	10.00	10.00	9.00	9.00	10.00	10.00	10.00				
75th pct	12.00	12.00	12.00	12.00	11.00	12.00	12.00	12.00	12.00				
Maximum	99.00	99.00	99.00	63.00	30.00	63.00	99.00	99.00	99.00				
MAXIMUM R HEIGHT (MM), LEADS V4, V5, V6													
Variable Name: BDMRH2													
N	1381.00	1511.00	2892.00	1673.00	1615.00	3288.00	3054.00	3126.00	6180.00				
Nmiss	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	2.00				
Mean	14.18	14.19	14.18	13.78	13.61	13.70	13.96	13.89	13.93				
Std	5.47	5.74	5.61	5.23	5.87	5.55	5.81	5.81	5.58				
Minimum	2.00	3.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00				
25th pct	11.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00				
Median	14.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00				
75th pct	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00				
Maximum	99.00	99.00	99.00	38.00	99.00	99.00	99.00	99.00	99.00				
MAXIMUM S DEPTH (MM), LEADS I, II, III													
Variable Name: BDMSD1													
N	1379.00	1511.00	2890.00	1672.00	1614.00	3286.00	3051.00	3125.00	6176.00				
Nmiss	3.00	0.00	3.00	1.00	2.00	3.00	4.00	2.00	6.00				
Mean	1.67	1.66	1.66	1.60	1.50	1.55	1.63	1.58	1.60				
Std	3.15	3.05	3.10	2.96	1.66	2.41	3.05	2.43	2.75				
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25th pct	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
75th pct	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00				
Maximum	99.00	99.00	99.00	99.00	17.00	99.00	99.00	99.00	99.00				
MAXIMUM S DEPTH (MM), LEADS V1, V2, V3													
Variable Name: BDMSD2													
N	1381.00	1511.00	2892.00	1673.00	1616.00	3289.00	3054.00	3127.00	6181.00				
Nmiss	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00				
Mean	13.61	13.72	13.66	13.42	13.52	13.47	13.50	13.62	13.56				
Std	5.77	5.87	5.82	5.83	5.83	5.83	5.80	5.85	5.82				
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25th pct	9.00	10.00	10.00	9.00	10.00	9.00	9.00	10.00	10.00				
Median	13.00	13.00	13.00	12.00	13.00	13.00	13.00	13.00	13.00				
75th pct	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00				
Maximum	37.00	99.00	99.00	37.00	99.00	99.00	37.00	99.00	99.00				

Notes: (V1=DOUGPROD 191: F0241 LISTING)
 (V1=ARNOLD 191: DOCUMENT SAS)

* * D I S T R I B U T I O N A L S U M M A R Y * *

Variable Attributes	Statistic	-----Primary Retinopathy-----			-----Secondary Retinopathy-----			-----Treatment Group-----			Overall
		<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	
Q/QS PATTERNS: CODES 1-X-X (1 AVL V6) Variable Name: BDOQS1	N	2.00	4.00	6.00	0.00	1.00	1.00	2.00	5.00	7.00	
	Nmiss	1380.00	1507.00	2887.00	1673.00	1615.00	3288.00	3053.00	3122.00	6175.00	
	Value (13) %	0.00	0.00	16.67	0.00	0.00	0.00	0.00	20.00	14.29	
	Value (23) %	50.00	50.00	50.00	0.00	100.00	100.00	50.00	60.00	57.14	
	Value (33) %	50.00	25.00	33.33	0.00	0.00	0.00	50.00	20.00	28.57	
Q/QS PATTERNS: CODES 1-X-X (2 3 AVF) Variable Name: BDOQS2	N	1.00	4.00	5.00	7.00	2.00	9.00	8.00	6.00	14.00	
	Nmiss	1381.00	1507.00	2888.00	1666.00	1614.00	3280.00	3047.00	3121.00	6168.00	
	Value (25) %	0.00	0.00	0.00	11.11	0.00	11.11	12.50	0.00	7.14	
	Value (26) %	0.00	0.00	0.00	28.57	0.00	22.22	25.00	0.00	14.29	
	Value (34) %	100.00	0.00	20.00	28.57	50.00	33.33	37.50	16.67	28.57	
	Value (36) %	0.00	100.00	80.00	28.57	50.00	33.33	25.00	83.33	50.00	
Q/QS PATTERNS: MINN. CODES 1-X-X (V1-V5) Variable Name: BDOQS3	N	7.00	11.00	18.00	12.00	20.00	32.00	19.00	31.00	50.00	
	Nmiss	1375.00	1500.00	2875.00	1661.00	1596.00	3257.00	3036.00	3096.00	6132.00	
	Mean	32.00	28.36	29.78	28.42	26.80	27.41	29.74	27.35	28.26	
	Std	0.00	6.31	5.17	5.92	8.78	7.76	4.95	7.91	6.98	
	Minimum	32.00	16.00	16.00	11.00	11.00	11.00	11.00	11.00	11.00	
	25th pct	32.00	28.00	32.00	27.50	21.50	27.00	28.00	27.00	28.00	
	Median	32.00	32.00	32.00	30.00	32.00	32.00	32.00	32.00	32.00	
	75th pct	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	
	Maximum	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	
Q-R-S AXIS (DEGREES) Variable Name: BDRS	N	1381.00	1511.00	2892.00	1672.00	1616.00	3288.00	3053.00	3127.00	6180.00	
	Nmiss	1.00	0.00	1.00	1.00	0.00	1.00	2.00	0.00	2.00	
	Mean	55.58	63.58	59.76	60.29	52.98	56.70	58.16	58.10	58.13	
	Std	37.71	257.61	188.04	244.98	30.14	175.98	183.05	180.43	181.71	
	Minimum	-65.00	-142.00	-142.00	-71.00	-150.00	-150.00	-71.00	-150.00	-150.00	
	25th pct	43.00	43.00	43.00	40.00	38.00	38.00	41.00	41.00	41.00	
	Median	60.00	62.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	
	75th pct	75.00	77.00	76.00	75.00	74.00	75.00	75.00	76.00	75.00	
	Maximum	999.00	9999.00	9999.00	9999.00	180.00	9999.00	9999.00	9999.00	9999.00	
R-WAVE HEIGHT (MM), AVL LEAD Variable Name: BDRH	N	1378.00	1506.00	2884.00	1665.00	1612.00	3277.00	3043.00	3118.00	6161.00	
	Nmiss	4.00	5.00	9.00	8.00	4.00	12.00	12.00	9.00	21.00	
	Mean	1.96	1.86	1.91	2.05	1.93	1.99	2.01	1.90	1.95	
	Std	1.98	3.17	2.67	2.11	1.96	2.04	2.05	2.61	2.35	
	Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	25th pct	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	75th pct	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
	Maximum	12.00	99.00	99.00	14.00	14.00	14.00	14.00	99.00	99.00	

Notes: (V1=DOUGPROD 191: F0241 LISTING)
 (V1=ARNOLD 191: DOCUMENT SAS)

* * DISTRIBUTIONAL SUMMARY * *

Variable_Attributes	Statistic	<-----Primary Retinopathy----->			<-----Secondary Retinopathy----->			<--Treatment Group-->		
		<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<Overall-->
HIGH-AMPLITUDE R WAVE (MINM. CODES 3-X) Variable Name: BDR3X	N	51.00	59.00	110.00	74.00	64.00	138.00	125.00	123.00	248.00
	Nmiss	1331.00	1452.00	2783.00	1599.00	1552.00	3151.00	2930.00	3004.00	5934.00
	Value (1) %	50.98	42.37	46.36	40.54	51.56	45.65	44.80	47.15	45.97
	Value (2) %	1.96	3.39	2.73	0.00	0.00	0.00	0.80	1.63	1.21
	Value (3) %	47.06	54.24	50.91	59.46	48.44	54.35	54.40	51.22	52.82
S-T SEGMENT DEPRESSION (4-X-X): 1 AVL V6 Variable Name: BDSTSD1	N	3.00	1.00	4.00	2.00	1.00	3.00	5.00	2.00	7.00
	Nmiss	1379.00	1510.00	2889.00	1671.00	1615.00	3286.00	3050.00	3125.00	6175.00
	Value (2) %	33.33	0.00	25.00	0.00	100.00	33.33	20.00	50.00	28.57
	Value (3) %	66.67	100.00	75.00	100.00	0.00	66.67	80.00	50.00	71.43
S-T SEGMENT DEPRESSION (4-X-X): 2 3 AVF Variable Name: BDSTSD2	N	0.00	1.00	1.00	0.00	1.00	1.00	0.00	2.00	2.00
	Nmiss	1382.00	1510.00	2892.00	1673.00	1615.00	3288.00	3055.00	3125.00	6180.00
	Value (2) %	0.00	0.00	0.00	0.00	100.00	100.00	0.00	50.00	50.00
	Value (3) %	0.00	100.00	100.00	0.00	0.00	0.00	0.00	50.00	50.00
S-T SEGMENT DEPRESSION (4-X-X): V1-V5 Variable Name: BDSTSD3	N	0.00	0.00	0.00	5.00	3.00	8.00	5.00	3.00	8.00
	Nmiss	1382.00	1511.00	2893.00	1668.00	1613.00	3281.00	3050.00	3124.00	6174.00
	Value (2) %	0.00	0.00	0.00	20.00	66.67	37.50	20.00	66.67	37.50
	Value (3) %	0.00	0.00	0.00	40.00	0.00	25.00	40.00	0.00	25.00
	Value (4) %	0.00	0.00	0.00	40.00	33.33	37.50	40.00	33.33	37.50
S-T SEGMENT ELEVATION (9-2-X): 1 AVL V6 Variable Name: BDSTSE1	N	3.00	7.00	10.00	4.00	2.00	6.00	7.00	9.00	16.00
	Nmiss	1379.00	1504.00	2883.00	1669.00	1614.00	3283.00	3048.00	3118.00	6166.00
	Value (2) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
S-T SEGMENT ELEVATION (9-2-X): 2, 3, AVF Variable Name: BDSTSE2	N	8.00	4.00	12.00	16.00	8.00	24.00	24.00	12.00	36.00
	Nmiss	1374.00	1507.00	2881.00	1657.00	1608.00	3265.00	3031.00	3115.00	6146.00
	Value (2) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
S-T SEGMENT ELEVATION (9-2-X): V1-V5 Variable Name: BDSTSE3	N	34.00	31.00	65.00	43.00	36.00	79.00	77.00	67.00	144.00
	Nmiss	1348.00	1480.00	2828.00	1630.00	1580.00	3210.00	2978.00	3060.00	6038.00
	Value (2) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
T-WAVE HEIGHT (MM), LEAD V5 Variable Name: BDTH	N	1381.00	1511.00	2892.00	1672.00	1614.00	3286.00	3053.00	3125.00	6178.00
	Nmiss	1.00	0.00	1.00	1.00	2.00	3.00	2.00	2.00	4.00
	Mean	4.78	4.63	4.70	3.85	4.92	4.38	4.27	4.78	4.53
	Std	26.85	25.68	26.24	2.01	35.08	24.63	18.12	30.89	25.40
	Minimum	-6.00	-1.00	-6.00	-3.00	-2.00	-3.00	-6.00	-2.00	-6.00
	25th pct	3.00	3.00	3.00	3.00	2.00	2.00	3.00	2.00	2.00
	Median	4.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00
	75th pct	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	Maximum	999.00	999.00	999.00	21.00	999.00	999.00	999.00	999.00	999.00

Notes: (VWF=DOUGPROD 191: FU241 LISTING)
 (VWF=ARNOLD 191: DOCUMENT SAS)

*** DISTRIBUTIONAL SUMMARY ***

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	
TECH. PROBLEM: 1=SEVERE, 2=ECG CODABLE											
Variable Name: BDTP											
N		217.00	244.00	461.00	245.00	244.00	489.00	19.00	11.00	30.00	
M		1165.00	1267.00	2432.00	1428.00	1372.00	2800.00	3270.00	3044.00	6152.00	
Value (0) %		0.00	0.00	0.00	0.41	0.00	0.20	0.20	0.22	0.11	
Value (1) %		64.98	67.21	66.16	66.94	71.31	69.12	66.02	66.02	67.68	
Value (2) %		35.02	32.79	33.84	32.24	28.69	30.47	33.55	33.55	32.11	
Value (3) %		0.00	0.00	0.00	0.41	0.00	0.20	0.22	0.22	0.11	
T-WAVE ITEMS, MINN. CODES 5-X: 1 AVL V6											
Variable Name: BDTW1											
N		4.00	7.00	11.00	7.00	12.00	19.00	19.00	11.00	30.00	
M		1378.00	1504.00	2882.00	1666.00	1804.00	3270.00	3270.00	3044.00	6152.00	
Value (2) %		50.00	14.29	27.27	28.57	25.00	26.32	36.36	36.36	26.67	
Value (3) %		50.00	57.14	54.55	71.43	66.67	68.42	63.64	63.64	63.33	
Value (4) %		0.00	28.57	18.18	0.00	8.33	5.26	0.00	0.00	10.00	
T-WAVE ITEMS, MINN. CODES 5-X: 2, 3, AVF											
Variable Name: BDTW2											
N		2.00	10.00	12.00	3.00	10.00	13.00	5.00	5.00	25.00	
M		1380.00	1501.00	2881.00	1670.00	1606.00	3276.00	3050.00	3107.00	6157.00	
Value (2) %		0.00	30.00	25.00	0.00	20.00	15.38	0.00	0.00	20.00	
Value (3) %		100.00	70.00	75.00	100.00	40.00	53.85	100.00	55.00	64.00	
Value (4) %		0.00	0.00	0.00	0.00	40.00	30.77	0.00	20.00	16.00	
T-WAVE ITEMS, MINN. CODES 5-X: V2-V5											
Variable Name: BDTW3											
N		14.00	23.00	37.00	18.00	21.00	39.00	32.00	44.00	76.00	
M		1368.00	1488.00	2856.00	1655.00	1595.00	3250.00	3023.00	3083.00	6106.00	
Value (1) %		0.00	0.00	0.00	5.56	0.00	2.56	3.13	0.00	1.32	
Value (2) %		71.43	56.52	62.16	72.22	61.90	66.67	71.88	59.09	64.47	
Value (3) %		28.57	34.78	32.43	22.22	28.57	25.64	25.00	31.82	28.95	
Value (4) %		0.00	8.70	5.41	0.00	9.52	5.13	0.00	9.09	5.26	
VENTRICULAR CONDUCTION DEFECT (7-X-X)											
Variable Name: BDVCD											
N		83.00	64.00	147.00	64.00	49.00	113.00	147.00	113.00	260.00	
M		1299.00	1447.00	2746.00	1609.00	1567.00	3176.00	2908.00	3014.00	5922.00	
Value (3) %		42.17	28.13	36.05	56.25	34.69	46.90	48.30	30.97	40.77	
Value (5) %		57.83	67.19	61.90	43.75	61.22	51.33	51.70	64.60	57.31	
Value (6) %		0.00	1.56	0.68	0.00	2.04	0.88	0.00	1.77	0.77	
Value (7) %		0.00	0.00	0.00	0.00	2.04	0.88	0.00	0.88	0.38	
Value (21) %		0.00	3.13	1.36	0.00	0.00	0.00	0.00	1.77	0.77	
DCCT FORM NUMBER											
Variable Name: FORM											
N		1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	
M		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Value (241) %		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
SUMMARY: ANY MAJOR ABNORMALITY?											
Variable Name: MAJ_ABN											
N		1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3055.00	3127.00	6182.00	
M		100.00	99.67	99.83	99.88	99.69	99.79	99.93	99.68	99.81	
Value (1) %		0.00	0.33	0.17	0.12	0.31	0.21	0.07	0.32	0.19	
Value (2) %		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

*** D I S T R I B U T I O N A L S U M M A R Y ***

Variable Attributes	Statistic	-----Primary Retinopathy-----		-----Secondary Retinopathy-----		--Treatment Group--		Overall
		<--Int-->	<--Cnv-->	<--Int-->	<--Cnv-->	<--Int-->	<--Cnv-->	<Overall>
SUMMARY: MISCELLANEOUS ITEMS								
Variable Name: MISCELL								
N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3127.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	53.76	57.25	55.58	54.15	51.79	52.99	54.43	54.21
Value (2) %	45.73	41.96	43.76	45.25	47.71	46.46	44.93	45.20
Value (4) %	0.14	0.33	0.24	0.24	0.12	0.18	0.22	0.21
Value (5) %	0.36	0.46	0.41	0.36	0.37	0.36	0.42	0.39
SUMMARY: PREMATURE COMPLEXES								
Variable Name: PREMATUR								
N	3127.00	3127.00	3055.00	2893.00	1382.00	2893.00	3055.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	98.19	97.62	97.89	97.67	98.02	97.84	97.83	97.86
Value (2) %	0.80	0.99	0.90	1.14	0.93	1.03	0.96	0.97
Value (4) %	0.36	0.60	0.48	0.54	0.31	0.43	0.45	0.45
Value (5) %	0.65	0.79	0.73	0.66	0.74	0.70	0.77	0.71
SUMMARY: Q/QS PATTERNS								
Variable Name: QQS_PATT								
N	3026.00	3026.00	3026.00	3086.00	3086.00	3086.00	6112.00	6112.00
Nmiss	29.00	29.00	29.00	41.00	41.00	41.00	70.00	70.00
Value (4) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
SUMMARY: HIGH-AMPLITUDE R WAVES								
Variable Name: RUAVE								
N	3127.00	3127.00	3055.00	2893.00	1382.00	2893.00	3055.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	0.00	0.07	0.03	0.12	0.00	0.06	0.03	0.05
Value (3) %	100.00	99.93	99.97	99.88	100.00	99.94	99.97	99.95
SUMMARY: S-T DEPRESSION								
Variable Name: ST_DEPR								
N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3127.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	0.14	0.13	0.14	0.12	0.00	0.06	0.06	0.10
Value (2) %	0.07	0.00	0.03	0.06	0.12	0.09	0.06	0.06
Value (3) %	99.78	99.87	99.83	99.70	99.81	99.76	99.84	99.79
Value (5) %	0.00	0.00	0.00	0.12	0.06	0.09	0.03	0.05
SUMMARY: S-T ELEVATION								
Variable Name: ST_ELEV								
N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3127.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	97.11	97.75	97.44	96.65	97.34	96.99	97.54	97.20
Value (2) %	2.89	2.25	2.56	3.35	2.66	3.01	2.46	2.80
SUMMARY: T-WAVE FINDINGS								
Variable Name: TWAVE								
N	1382.00	1511.00	2893.00	1673.00	1616.00	3289.00	3127.00	6182.00
Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %	0.00	0.13	0.07	0.00	0.25	0.12	0.19	0.10
Value (2) %	0.00	0.00	0.00	0.06	0.00	0.03	0.00	0.02
Value (3) %	0.58	0.99	0.80	0.42	0.68	0.55	0.83	0.66
Value (4) %	0.80	1.13	0.97	0.78	0.87	0.82	0.99	0.89
Value (5) %	98.63	97.75	98.17	98.74	98.21	98.48	97.99	98.33

Notes: (vm=DOUGPROD 191: F0241 LISTING)
 (vm=ARNOLD 191: DOCUMENT SAS)

* * DISTRIBUTIONAL SUMMARY * *

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->
SUMMARY: VENTRICULAR CONDUCTION DEFECTS	N	3055.00	3055.00	3055.00	3127.00	3127.00	3127.00	3127.00	3127.00	3127.00	6182.00	6182.00	6182.00
Variable Name: VENT_DEF	Mmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Value (1) %	5.57	4.04	4.77	3.77	3.41	3.41	4.58	3.52	3.52	4.04	3.52	4.04
	Value (3) %	0.43	0.20	0.31	0.06	0.03	0.03	0.23	0.10	0.10	0.16	0.10	0.16
	Value (5) %	93.99	95.76	94.92	96.17	96.56	96.56	95.19	96.39	96.39	95.79	96.39	95.79

Notes:
(vm=DOUGPROD 191: F0241 LISTING)
(vm=ARNOLD 191: DOCUMENT SAS)