

**Cohort, Exam 3**

ECG data: FORM CODE=ECG VERSION=D

Coded - machine

<i>ECGD01</i>		<i>ECG Tech Code</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12778	Present	Text suppressed
1		Missing

<i>ECGD02</i>		<i>ECGsent - Same As ECGD57</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10172	0	No
2607	1	Yes

<i>ECGD04</i>		<i>Filter Setting - Not Used - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779		Missing

<i>ECGD05</i>		<i>Cart Code</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1261	00	
2037	01	
3495	05	
3	06	
3427	07	
2550	08	
1	24	
5	55	

<i>ECGD06</i>		<i>Recording Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	Range	07/13/1992 - 02/05/1996

<i>ECGD07</i>		<i>Recording Time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	Range	4:55 - 15:14

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<i>ECGD07H</i>		<i>Recording Time: Hour</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	Range	4 - 15 ( median=10 mean=9.9 std=1.3 )

<i>ECGD07M</i>		<i>Recording Time: Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	Range	0 - 59 ( median=29 mean=29.4 std=17.3 )

<i>ECGD08</i>		<i>Quality Grade (Noise/mm, Overall drift/mm, Beat to beat drift/mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8925	1	
2922	2	
584	3	
171	4	
177	5	

<i>ECGD09</i>		<i>Minnesota Code L1 (Q-Q.S. Pattern I, aVL, V6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12602	0	No Minnesota Code Equivalent
12	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6
6	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead a VL
14	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 and < 0.03 sec in lead I or V6
1	22	Q duration = 0.03 sec and < 0.04 sec lead I or V6
82	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6.
21	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
41		Missing

<i>ECGD10</i>		<i>'Minnesota Code F1 (Q-Q.S. Pattern II, III, aVF)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12745	Range	0 - 36 ( median=0 mean=1.3 std=6.2 )
34		Missing

<i>ECGD11</i>		<i>'Minnesota Code V1 (Q-Q.S. Pattern V1-V5)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 32 ( median=0 mean=0.6 std=3.9 )
30		Missing

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<i>ECGD12</i>		<i>Minnesota Code L4 (ST Junction &amp; Segment Depression I, aVL, V6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12391	0	No Minnesota Code Equivalent
171	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6.
153	3	No STJ depression as much as 0.5 mm but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline, in any of leads I, aVL, or V6.
4	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped, in any of leads I, aVL, or V6.
2	11	
14	12	STJ depression = 1.0 mm but < 2.0 mm, and ST segment horizontal or downward sloping in any of leads I, aVL, or V6.
44		Missing

<i>ECGD13</i>		<i>Minnesota Code F4 (ST Junction &amp; Segment Depression II, III, aVF)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12578	0	No Minnesota Code Equivalent
96	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
54	3	No STJ depression as much as 0.5 mm but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline, in any of leads I, aVL, or V6
8	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped, in any of leads I, aVL, or V6
8	12	STJ depression = 1.0 mm but < 2.0 mm, and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
35		Missing

<i>ECGD14</i>		<i>Minnesota Code V4 (ST Junction &amp; Segment Depression V1-V5)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12459	0	No Minnesota Code Equivalent
145	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
100	3	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in any of leads V2 - V5
12	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped in any of leads V1 - V5
3	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5
30	12	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1 - V5
30		Missing

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<i>ECGD15</i>		<i>Minnesota Code L5 (T Wave I, aVL, V6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11047	0	No Minnesota Code Equivalent
11	1	T amplitude negative 5.0 mm or more in either of leads I, V6, or in lead aVL when R amplitude is = 5.0 mm
412	2	T amplitude negative or diphasic (positive-negative or negative-positive type) with negative phase at least 1.0 mm but not as deep as 5.0 mm in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
806	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
460	4	T amplitude positive and T/R amplitude ratio < 1/20 in any of leads I, aVL, V6; R wave amplitude must be = 10.0 mm.
43		Missing

<i>ECGD16</i>		<i>Minnesota Code F5 (T Wave II, III, aVF)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12183	0	No Minnesota Code Equivalent
180	2	T amplitude negative or diphasic with negative phase (negative-positive or positive-negative type) at least 1.0 mm but not as deep as 5.0 mm in lead II, or in lead aVF when QRS is mainly upright
275	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead II; not Coded in lead aVF
106	4	T amplitude positive and T/R amplitude ratio < 1/20 in lead II; R wave amplitude must be = 10.0 mm.
35		Missing

<i>ECGD17</i>		<i>Minnesota Code V5 (T Wave V1-V5)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11227	0	No Minnesota Code Equivalent
36	1	T amplitude negative 5.0 mm or more in any of leads V2 - V5
604	2	T amplitude negative (flat), or diphasic (negative-positive or positive-negative type) with negative phase at least 1.0 mm but not as deep as 5.0 mm, in any of leads V2 - V5
401	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase, in any of leads V3 - V5
481	4	T amplitude positive and T/R amplitude ratio < 1/20 in any of leads V3, V4, V5; R wave amplitude must be = 10.0 mm
30		Missing

<i>ECGD18</i>		<i>Minnesota Code L92 (ST Segment Elevation Anterolateral Site (Leads I, aVL, V6))</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12733	0	No Minnesota Code Equivalent
2	2	ST segment elevation = 1.0 mm in any of leads I, aVL, V6
44		Missing

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<i>ECGD19</i>		<i>Minnesota Code F92 (ST Segment Elevation Posterior (Inferior) Site (Leads II, III, aVF))</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12737	0	No Minnesota Code Equivalent
7	2	ST segment elevation = 1.0 mm in any of leads II, III, aVF
35		Missing

<i>ECGD20</i>		<i>Minnesota Code V92 ((ST Segment Elevation Anterior Site (Leads V1, V2, V3, V4, V5))</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12646	0	No Minnesota Code Equivalent
102	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation = 2.0 mm in any of leads V1 - V4
31		Missing

<i>ECGD21</i>		<i>Minnesota Code C2 (QRS Axis Deviation Codes)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9881	0	No Minnesota Code Equivalent
33	3	Right (optional code when 2-2 is not present). QRS axis from +90° through +119° in leads I, II, III. (The algebraic sum of major positive and major negative QRS waves must be zero or negative in I and positive in II and III.)
1708	11	
633	12	
397	21	Left. QRS axis from -30° through -90° in leads I, II, III. (The algebraic sum of major positive and major negative QRS waves must be zero or positive in I, negative in III, and zero or negative in II.)
79	22	Right. QRS axis from +120° through -150° in leads I, II, III. (The algebraic sum of major positive and major negative QRS waves must be negative in I, and zero or positive in III, and in I must be one-half or more of that in III.)
48		Missing

<i>ECGD22</i>		<i>Minnesota Code C3 (High Amplitude R Wave Codes)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11666	0	No Minnesota Code Equivalent
9	2	Right: R amplitude = 5.0 mm and R amplitude = S amplitude in the majority of beats in lead V1, when S amplitude is > R amplitude somewhere to the left on the chest of V1
1	11	
241	12	
30	13	
386	14	
108	31	Left: R amplitude > 26 mm in either V5 or V6, or R amplitude > 20.0 mm in any of leads I, II, III, aVF, or R amplitude > 12.0 mm in lead aVL. (All criteria measured only on second to last complete normal beat.)
289	32	Right: R amplitude = 5.0 mm and R amplitude = S amplitude in the majority of beats in lead V1, when S amplitude is > R amplitude somewhere to the left on the chest of V1 (codes 7-3 and 3-2, if criteria for both are present).
49		Missing

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<i>ECGD23</i>		<i>Minnesota Code C6 (A-V Conduction Defect Codes)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12049	0	No Minnesota Code Equivalent
433	3	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF
4	4	
246	5	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF
19	8	
28		Missing

<i>ECGD24</i>		<i>Minnesota Code C7 (Ventricular Conduction Defect)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10989	0	No Minnesota Code Equivalent
111	1	
245	2	
224	3	Incomplete right bundle branch block. QRS duration < 0.12 sec in each of leads I, II, III, aVL, aVF, and R' > R in either of leads V1, V2
389	4	Intraventricular block. QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF. (7-4 suppresses all 2, 3, 4, 5, 9-2, 9-4, 9-5 codes.)
230	5	R-R' pattern in either of leads V1, V2 with R' amplitude = R.
543	6	Incomplete left bundle branch block. (Do not code in the presence of any codable Q- or QS-wave.) QRS duration = 0.10 sec and < 0.12 in the majority of beats of each of leads I, aVL, and V5 or V6.
48		Missing

<i>ECGD25</i>		<i>Minnesota Code C91 (Low QRS Amplitude)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12558	0	No Minnesota Code Equivalent
188	1	Low QRS amplitude. QRS peak-to-peak amplitude < 5 mm in all beats in each of leads I, II, III, or < 10 mm in all beats in each of leads V1 - V6. (Check calibration before coding.)
33		Missing

<i>ECGD26</i>		<i>Minnesota Code C93 (P-Wave Amplitude &gt; 2.5 MM In Any of Leads II, III, aVF in Majority of Beats)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12735	0	No Minnesota Code Equivalent
13	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats.
31		Missing

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<i>ECGD27</i>		<i>Minnesota Code C94 (QRS Transition Zone)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3996	0	No Minnesota Code Equivalent
7956	1	QRS transition zone at V3 or to the right of V3 on the chest. (Do not code in the presence of 6-4-1, 7-1-1, 7-2-1 or 7-4.)
805	2	QRS transition zone at V4 or to the left of V4 on the chest. (Do not code in the presence of 6-4-1, 7-1-1, 7-2-1 or 7-4.)
22		Missing

<i>ECGD28</i>		<i>Minnesota Code C95 (T-Wave Amplitude)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12665	0	No Minnesota Code Equivalent
64	5	T-wave amplitude > 12 mm in any of leads I, II, III, aVL, aVF, V1, V2, V3, V4, V5, V6. (Do not code in the presence of 6-4-1, 7-1-1, 7-2-1 or 7-4.)
50		Missing

<i>ECGD29</i>		<i>Minnesota Code E7 (Duration Criteria for R-E Score for LVH)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8199	0	No Minnesota Code Equivalent
4558	7	QRS Duration > 90 MS OR Intrinscord Deflection V5 OR V6 > 50 MS
22		Missing

<i>ECGD30</i>		<i>CIIS Value</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12727	Range	-19.45 - 52.77 ( median=4.58 mean=5.796 std=10.176 )
52		Missing

<i>ECGD31</i>		<i>Heart Rate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12750	Range	30 - 283 ( median=65 mean=65.7 std=10.3 )
29		Missing

<i>ECGD32</i>		<i>Q Or Qs Amplitude:I</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12747	Range	0 - 539 ( median=29 mean=38.6 std=45.5 )
32		Missing

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<i>ECGD33</i>		<i>Q Or Qs Amplitude:III</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 2193 ( median=0 mean=84.6 std=168.0 )
30		Missing

<i>ECGD34</i>		<i>Q Or Qs Amplitude:V5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 866 ( median=21 mean=36.3 std=51.9 )
30		Missing

<i>ECGD35</i>		<i>Q Or Qs Amplitude:V6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12748	Range	0 - 633 ( median=34 mean=44.5 std=49.3 )
31		Missing

<i>ECGD36</i>		<i>R Amplitude:I</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12747	Range	0 - 3525 ( median=793 mean=822.6 std=329.9 )
32		Missing

<i>ECGD37</i>		<i>R Amplitude:III</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 2821 ( median=174 mean=277.7 std=280.9 )
30		Missing

<i>ECGD38</i>		<i>R Amplitude:aVL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12738	Range	0 - 3116 ( median=479 mean=525.0 std=342.8 )
41		Missing

<i>ECGD39</i>		<i>R Amplitude:V2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12750	Range	0 - 2908 ( median=428 mean=489.2 std=321.4 )
29		Missing



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<i>ECGD40</i>		<i>R Amplitude:V5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 5658 ( median=1307 mean=1359.8 std=492.6 )
30		Missing

<i>ECGD41</i>		<i>R Amplitude:V6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12748	Range	0 - 4761 ( median=1020 mean=1065.2 std=385.3 )
31		Missing

<i>ECGD42</i>		<i>S Amplitude:I</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12747	Range	-967 - 0 ( median=-29 mean=-68.4 std=94.1 )
32		Missing

<i>ECGD43</i>		<i>S Amplitude:III</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	-3416 - 0 ( median=-145 mean=-299.5 std=380.1 )
30		Missing

<i>ECGD44</i>		<i>S Amplitude:V1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12750	Range	-4949 - 0 ( median=-724 mean=-760.5 std=456.9 )
29		Missing

<i>ECGD45</i>		<i>S Amplitude:V2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12750	Range	-6450 - 0 ( median=-975 mean=-1039.0 std=551.3 )
29		Missing

<i>ECGD46</i>		<i>S Amplitude:V5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	-1730 - 0 ( median=-168 mean=-205.1 std=193.0 )
30		Missing

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<i>ECGD47</i>		<i>S Amplitude:V6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12748	Range	-1226 - 0 ( median=-26 mean=-71.2 std=105.7 )
31		Missing

<i>ECGD48</i>		<i>T negative Amplitude:aVL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12738	Range	-582 - 0 ( median=0 mean=-11.1 std=37.3 )
41		Missing

<i>ECGD49</i>		<i>T negative Amplitude:aVF</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	-472 - 0 ( median=0 mean=-5.0 std=23.4 )
30		Missing

<i>ECGD50</i>		<i>T negative Amplitude:V6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12748	Range	-746 - 0 ( median=0 mean=-9.0 std=43.0 )
31		Missing

<i>ECGD51</i>		<i>T positive Amplitude:aVR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12749	Range	0 - 445 ( median=0 mean=3.0 std=21.4 )
30		Missing

<i>ECGD52</i>		<i>T positive Amplitude:V1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12750	Range	0 - 1237 ( median=0 mean=87.7 std=125.3 )
29		Missing

<i>ECGD53</i>		<i>T positive Amplitude:V6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12748	Range	0 - 844 ( median=176 mean=182.1 std=117.5 )
31		Missing

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<i>ECGD54</i>		<i>QRS Interval</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12751	Range	55 - 367 ( median=95 mean=96.9 std=15.6 )
28		Missing

<i>ECGD55</i>		<i>OE Measurement</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12778	Range	8 - 950 ( median=130 mean=127.8 std=28.9 )
1		Missing

<i>ECGD56</i>		<i>OV6 Measurement</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12778	Range	13 - 630 ( median=170 mean=172.0 std=32.8 )
1		Missing

<i>ECGD57</i>		<i>V3 ECG Sent To Minn</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10172	0	No
2607	1	Yes

<i>ECGD58</i>		<i>V3 ECG Abnormal Sent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11262	0	No
1517	1	Yes

<i>ECGD59</i>		<i>V3 &amp; V1 Sent For Serial Change</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12581	0	No
198	1	Yes

<i>ECGD60</i>		<i>V3 - Not Significant - Random Sample</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11716	0	
1063	1	

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<i>ECGD61</i>		<i>V3 &amp; V1 Serial Change QC</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12377	0	No
402	1	Yes

<i>ECGD62</i>		<i>V1 ECG Sent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12204	0	No
575	1	Yes

<i>ECGD63</i>		<i>V3 &amp; V2 Sent For Serial Change</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	0	No

<i>ECGD64</i>		<i>V2 ECG Sent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	0	No

<i>ECGDCY</i>		<i>Contact Year</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	7	

<i>ECGDFLAG</i>		<i>Indicator For Presence Of Form</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	1	

<i>ID</i>		<i>Aric Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12779	Present	Text suppressed