

Cohort, Exam 3**ECG data**

Serial change

<i>ESMB1</i>		<i>ECG Technician - 1st ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB2</i>		<i>Date Serchg Coding Req - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	Range	11/20/1996 - 03/22/2000
1		Missing

<i>ESMB3</i>		<i>ECG Coder - 1st ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB5</i>		<i>Q-QS Pattern (1xx) I aVL V6 - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6
1	22	Q duration = 0.03 sec and < 0.04 sec in lead I or V6
3	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.
2	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
298		Missing

<i>ESMB6</i>		<i>Q-QS Pattern (1xx) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	11	Q/R amplitude ratio = 1/3, plus Q duration ! 0.03 sec in lead II.
1	14	Q duration = 0.05 sec in lead III, plus a Q-wave amplitude = 1.0 mm in the majority of beats in lead aVF
3	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
1	24	Q duration = 0.04 sec and < 0.05 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF
12	26	Q amplitude = 5.0 mm in leads III or aVF.
4	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
4	34	Q duration = 0.03 sec and < 0.04 sec in lead III, plus a Q-wave ! 1.0 mm amplitude in the majority of beats in lead aVF.
3	36	QS pattern in each of leads III and aVF. (Do not code in the presence of 7-1-1.)
278		Missing

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<i>ESMB7</i>		<i>Q-QS Pattern (1xx) V1-V5 - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	11	Q/R amplitude ratio = 1/3 plus Q duration ! 0.03 sec in any of leads V2, V3, V4, V5.
1	16	QS pattern when initial R-wave is present in adjacent lead to the right on the chest, in any of leads V2-V6
1	17	QS pattern in all of leads V1-V4 or V1-V5.
2	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2, V3, V4, V5
1	27	QS pattern in all of leads V1, V2, and V3. (Do not code in the presence of 7-1-1).
3	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)
296		Missing

<i>ESMB8</i>		<i>ST Segment Depression (4xx) I aVL V6 - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6.
18	03	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.
1	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.
281		Missing

<i>ESMB9</i>		<i>ST Segment Depression (4xx) II III aVF - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.
4	03	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 lead II.
299		Missing

<i>ESMB10</i>		<i>ST Segment Depression (4xx) V1-V5 - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
10	03	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
1	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1, V2, V3, V4, V5
2	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in any of leads V1-V5
289		Missing

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<i>ESMB11</i>		<i>T Wave (5x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
28	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.
40	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.
13	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.
225		Missing

<i>ESMB12</i>		<i>T Wave (5x) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8	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.
15	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.
2	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
282		Missing

<i>ESMB13</i>		<i>T Wave (5x) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	T amplitude negative 5.0 mm or more in any of leads V1-V5
33	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 V1-V5
22	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.
10	4	T amplitude positive and T/R amplitude ratio < 1/20 in any of leads V3-V5; R wave amplitude must be = 10.0 mm.
239		Missing

<i>ESMB14</i>		<i>ST Segment Elevation (92x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB15</i>		<i>ST Segment Elevation (92x) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB16</i>		<i>ST Seg Elevation (92x) V1-V5 - 1ST ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation = 2.0 mm in any of leads V1, V2, V3, V4
306		Missing

<i>ESMB17</i>		<i>R (3x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
25	1	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
1	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 (codes 7-3 and 3-2, if criteria for both are present).
16	3	Left (optional code when 3-1 is not present): R amplitude > 15.0 mm but " 20.0 mm in lead I, or R amplitude in V5 or V6, plus S amplitude in V1 > 35.0 mm. (Measured only on second to last complete normal beat.)
265		Missing

<i>ESMB18</i>		<i>A-V Conduction Defect (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	03	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF.
2	05	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF.
291		Missing

<i>ESMB19</i>		<i>Ventricular Conduction Defect (7xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	03	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. (Code as 3-2 in addition if those criteria are met. 7-3 suppresses code 1-2-8.)
6	04	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.)
6	05	R-R' pattern in either of leads V1, V2 with R' amplitude = R.
20	06	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.
1	11	Complete left bundle branch block (LBBB). (Do not code in presence of 6-1, 6-4-1, 6-8, 8-2-1 or 8-2-2.) QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF, plus R peak duration ! 0.06 sec in a majority of beats (of the same QRS pattern) in any of leads I, II, aVL, V5, V6. (7-1-1 suppresses 1-2-3, 1-2-7, 1-2-8, 1-3-2, 1-3-6, all 2, 3, 4, 5, 9-2, 9-4, 9-5 codes. If any other codable Q-wave coexists with the LBBB pattern, code the Q and diminish the 7-1-1 code to a 7-4 code.)
6	21	Complete right bundle branch block (RBBB). (Do not code in the presence of 6-1, 6-4-1, 6-8, 8-2-1 or 8-2-2.) QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF, plus: R' > R in V1 or V2; or QRS mainly upright, with R peak duration ! 0.06 sec in V1 or V2; or S duration > R duration in all beats in lead I or II. (7-1 suppresses 1-2-3, 1-2-7, 1-2-8, 1-3-2, 1-3-6, all 2, 3, 4, 5, 9-2, 9-4, 9-5 codes.)
257		Missing

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<i>ESMB20</i>		<i>Misc (9x) 1x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	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, V2, V3, V4, V5, V6. (Check calibration before coding.)
301		Missing

<i>ESMB21</i>		<i>Misc (9x) 3x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats.
305		Missing

<i>ESMB22</i>		<i>Misc (9x) 5x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	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.)
304		Missing

<i>ESMB23</i>		<i>U Wave (Blank) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB24</i>		<i>Suppression 8 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB25</i>		<i>Technical Problem (98x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB26</i>		<i>Clear - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
179	1	
128		Missing

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<i>ESMB27</i>		<i>"B1":Suppression Pattern (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	2	
1		Missing

<i>ESMB28</i>		<i>"C1":Type Of Suppression (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	0	
1		Missing

<i>ESMB29</i>		<i>"D1":Bundle Branch Block - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
6	2	
299	3	
1		Missing

<i>ESMB30</i>		<i>"E1":Major Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
302	2	
1		Missing

<i>ESMB31</i>		<i>"F1":Minor Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	
301	2	
1		Missing

<i>ESMB32</i>		<i>"G1":Major Q II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
300	2	
1		Missing

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<i>ESMB33</i>		<i>"H1":Minor Q II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	1	
295	2	
1		Missing

<i>ESMB34</i>		<i>"I1":Major Q V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8	1	
298	2	
1		Missing

<i>ESMB35</i>		<i>"J1":Minor Q V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	
303	2	
1		Missing

<i>ESMB36</i>		<i>ECG Technician - Follow Up ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	999	
306		Missing

<i>ESMB37</i>		<i>Date Serchg Coding Req - 2nd ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	Range	11/20/1996 - 03/22/2000
1		Missing

<i>ESMB37D</i>		<i>Day-Date Serchg Coding Req - 2nd ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	05	
6	13	
255	20	
38	22	
1		Missing

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<i>ESMB37M</i>		<i>Month-Date Serchg Coding Req - 2nd ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	01	
44	03	
255	11	
1		Missing

<i>ESMB37Y</i>		<i>Year-Date Serchg Coding Req - 2nd ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
45	00	
255	96	
6	97	
1		Missing

<i>ESMB38</i>		<i>Coder - Follow Up ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB40</i>		<i>Q-Qs Pattern (1xx) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6.
8	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead aVL.
4	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6.
5	22	Q duration = 0.03 sec and < 0.04 sec in lead I or V6.
1	28	Initial R amplitude decreasing to 2 mm or less in every beat (and absence of codes 3-2, 7-1-1, 7-2-1, or 7-3 between V5 and V6. (All beats in lead V5 must have an initial R > 2 mm.)
12	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.
14	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
257		Missing

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<i>ESMB41</i>		<i>Q-QS Pattern (1xx) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	11	Q/R amplitude ratio = 1/3, plus Q duration ! 0.03 sec in lead II.
16	14	Q duration = 0.05 sec in lead III, plus a Q-wave amplitude = 1.0 mm in the majority of beats in lead aVF.
4	15	Q duration = 0.05 sec in lead aVF.
19	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
6	22	Q duration = 0.03 sec and < 0.04 sec in lead II.
14	23	QS pattern in lead II. Do not code in the presence of 7-1-1.
30	24	Q duration = 0.04 sec and < 0.05 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF.
4	25	Q duration = 0.04 sec and < 0.05 sec in lead aVF.
7	26	Q amplitude = 5.0 mm in leads III or aVF.
5	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration ! 0.02 sec and < 0.03 sec in lead II.
14	34	Q duration = 0.03 sec and < 0.04 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in lead aVF.
2	35	Q duration = 0.03 sec and < 0.04 sec in lead aVF.
7	36	QS pattern in each of leads III and aVF. (Do not code in the presence of 7-1-1.)
167		Missing

<i>ESMB42</i>		<i>Q-QS Pattern (1xx) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5.
13	12	Q duration = 0.04 sec in any of leads V1-V5
26	16	QS pattern when initial R-wave is present in adjacent lead to the right on the chest, in any of leads V2-V6
3	17	QS pattern in all of leads V1-V4 or V1-V5
4	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2-V5.
1	22	Q duration = 0.03 sec and < 0.04 sec in any of leads V2-V5.
8	27	QS pattern in all of leads V1, V2, and V3. (Do not code in the presence of 7-1-1).
3	28	Initial R amplitude decreasing to 2.0 mm or less in every beat (and absence of codes 3-2, 7-1-1, 7-2-1, or 7-3) between any of leads V2 and V3, V3 and V4, or V4 and V5. (All beats in the lead immediately to the right on the chest must have an initial R >
16	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)
217		Missing

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<i>ESMB43</i>		<i>ST Segment Depression (4xx) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
23	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6.
27	03	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.
3	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.
254		Missing

<i>ESMB44</i>		<i>ST Segment Depression (4xx) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.
10	03	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 lead II.
1	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
291		Missing

<i>ESMB45</i>		<i>ST Segment Depression (4xx) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
15	03	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
1	04	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
2	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in any of leads V1-V5
271		Missing

<i>ESMB46</i>		<i>T Wave (5x) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	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
58	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
58	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
12	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.
178		Missing

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<i>ESMB47</i>		<i>T Wave (5x) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19	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.
28	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.
260		Missing

<i>ESMB48</i>		<i>T Wave (5x) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	T amplitude negative 5.0 mm or more in any of leads V2, V3, V4, V5
61	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
27	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
20	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.
194		Missing

<i>ESMB49</i>		<i>ST Segment Elevation (92x) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB50</i>		<i>ST Segment Elevation (92x) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	ST segment elevation = 1.0 mm in any of leads II, III, aVF.
306		Missing

<i>ESMB51</i>		<i>ST Segment Elevation (92x) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation ! 2.0 mm in any of leads V1-V4.
302		Missing

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<i>ESMB52</i>		<i>R (3x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	1	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.)
1	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 (codes 7-3 and 3-2, if criteria for both are present).
15	3	Left (optional code when 3-1 is not present): R amplitude > 15.0 mm but " 20.0 mm in lead I, or R amplitude in V5 or V6, plus S amplitude in V1 > 35.0 mm. (Measured only on second to last complete normal beat.)
262		Missing

<i>ESMB53</i>		<i>AV Conduction Defect (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
20	03	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF.
1	05	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF.
286		Missing

<i>ESMB54</i>		<i>Ventricular Conduction Defect (7xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	03	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. (Code as 3-2 in addition if those criteria are met. 7-3 suppresses code 1-2-8.)
22	04	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.)
4	05	R-R' pattern in either of leads V1, V2 with R' amplitude = R.
3	06	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.
10	21	Complete right bundle branch block (RBBB). (Do not code in the presence of 6-1, 6-4-1, 6-8, 8-2-1 or 8-2-2.) QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF, plus: R' > R in V1 or V2; or QRS mainly upright, with R peak
265		Missing

<i>ESMB55</i>		<i>Misc (9x) 1x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	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, V2, V3, V4, V5, V6. (Check calibration before coding.)
297		Missing

<i>ESMB56</i>		<i>Misc (9x) 3x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats
305		Missing

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<i>ESMB57</i>		<i>Misc (9x) 5x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB58</i>		<i>U Wave (Blank) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB59</i>		<i>Suppression 8 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB60</i>		<i>Technical Problem (98x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB61</i>		<i>Clear - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
273	1	
34		Missing

<i>ESMB62</i>		<i>"B2":Suppression Pat (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	2	
1		Missing

<i>ESMB63</i>		<i>"C2":Type Of Suppression (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	0	
1		Missing

<i>ESMB64</i>		<i>"D2":Bundle Branch Block - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	2	
296	3	
1		Missing

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ESMB65		"E2":Major Q I aVL V6 - Follow Up ECG
N	Value	Description
23	1	
283	2	
1		Missing

ESMB66		"F2":Minor Q I aVL V6 - Follow Up ECG
N	Value	Description
27	1	
279	2	
1		Missing

ESMB67		"G2":Major Q II III aVF - Follow Up ECG
N	Value	Description
105	1	
201	2	
1		Missing

ESMB68		"H2":Minor Q II III aVF - Follow Up ECG
N	Value	Description
28	1	
278	2	
1		Missing

ESMB69		"I2":Major Q V1-V5 - Follow Up ECG
N	Value	Description
71	1	
235	2	
1		Missing

ESMB70		"J2":Minor Q V1-V5 - Follow Up ECG
N	Value	Description
19	1	
287	2	
1		Missing

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<i>ESMB71</i>		<i>Visit Or Contact Year - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	3	
1		Missing

<i>ESMB72</i>		<i>Condition 1 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	1	
8	3	
290		Missing

<i>ESMB73</i>		<i>Condition 1 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
34	1	
60	3	
213		Missing

<i>ESMB74</i>		<i>Condition 1 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
28	1	
35	3	
1	4	
243		Missing

<i>ESMB75</i>		<i>Condition 2 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
1	3	
305		Missing

<i>ESMB76</i>		<i>Condition 2 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
2	3	
304		Missing

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<i>ESMB77</i>		<i>Condition 2 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB78</i>		<i>Condition 3 - Lead 1, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB79</i>		<i>Condition 3 - Lead 2, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
2	3	
304		Missing

<i>ESMB80</i>		<i>Condition 3 - Lead 3, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB81</i>		<i>Condition 4 - Lead 1, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	1	
8	3	
292		Missing

<i>ESMB82</i>		<i>Condition 4 - Lead 2, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	
10	3	
292		Missing

<i>ESMB83</i>		<i>Condition 4 - Lead 3, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
6	3	
1	4	
294		Missing

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<i>ESMB84</i>		<i>Condition 5 - Lead 1, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB85</i>		<i>Condition 5 - Lead 2, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB86</i>		<i>Condition 5 - Lead 3, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB87</i>		<i>Condition 7 - Lead 1, ED2,5,EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13	1	
6	3	
288		Missing

<i>ESMB88</i>		<i>Condition 7 - Lead 2, ED2,5,EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
303		Missing

<i>ESMB89</i>		<i>Condition 7 - Lead 3, ED2,5,EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	
2	3	
293		Missing

<i>ESMB90</i>		<i>Condition 8 - Lead 1, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB91</i>		<i>Condition 8 - Lead 2, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB92</i>		<i>Condition 8 - Lead 3, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
306		Missing

<i>ESMB93</i>		<i>Condition 9 - Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2	
305		Missing

<i>ESMB94</i>		<i>Condition 9 - Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2	
1	3	
304		Missing

<i>ESMB95</i>		<i>Condition 9 - Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	2	
303		Missing

<i>ESMB96</i>		<i>Condition 10- Lead 1, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB97</i>		<i>Condition 10- Lead 2, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB98</i>		<i>Condition 10- Lead 3, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB99</i>		<i>Condition 11- Lead 1, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB100</i>		<i>Condition 11- Lead 2, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB101</i>		<i>Condition 11- Lead 3, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
306		Missing

<i>ESMB102</i>		<i>Condition 12- Lead 1, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
30	1	
6	3	
271		Missing

<i>ESMB103</i>		<i>Condition 12- Lead 2, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	
4	3	
291		Missing

<i>ESMB104</i>		<i>Condition 12- Lead 3, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
35	1	
1	4	
271		Missing

<i>ESMB105</i>		<i>Condition 13- Lead 1, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
306		Missing

<i>ESMB106</i>		<i>Condition 13- Lead 2, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB107</i>		<i>Condition 13- Lead 3, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
306		Missing

<i>ESMB108</i>		<i>Condition 14- Lead 1, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	2	
3	3	
299		Missing

<i>ESMB109</i>		<i>Condition 14- Lead 2, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2	
1	3	
304		Missing

<i>ESMB110</i>		<i>Condition 14- Lead 3, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	2	
1	3	
302		Missing

<i>ESMB111</i>		<i>Condition 15- Lead 1, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	
306		Missing

<i>ESMB112</i>		<i>Condition 15- Lead 2, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB113</i>		<i>Condition 15- Lead 3, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	
306		Missing

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<i>ESMB114</i>		<i>Condition 16- Lead 1, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB115</i>		<i>Condition 16- Lead 2, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB116</i>		<i>Condition 16- Lead 3, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
1	3	
305		Missing

<i>ESMB117</i>		<i>Condition 17- Lead 1, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	
9	3	
1	4	
294		Missing

<i>ESMB118</i>		<i>Condition 17- Lead 2, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	4	
306		Missing

<i>ESMB119</i>		<i>Condition 17- Lead 3, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
1	2	
10	3	
292		Missing

<i>ESMB120</i>		<i>Condition 18- Lead 1, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB121</i>		<i>Condition 18- Lead 2, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
306		Missing

<i>ESMB122</i>		<i>Condition 18- Lead 3, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
305		Missing

<i>ESMB123</i>		<i>Condition 19- Lead 1, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB124</i>		<i>Condition 19- Lead 2, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB125</i>		<i>Condition 19- Lead 3, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB126</i>		<i>ED1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
68	Y	
239		Missing

<i>ESMB127</i>		<i>ED2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB128</i>		<i>ED3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
306		Missing

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<i>ESMB129</i>		<i>ED4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB130</i>		<i>ED5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	Y	
303		Missing

<i>ESMB131</i>		<i>ED6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	Y	
297		Missing

<i>ESMB132</i>		<i>ED7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB133</i>		<i>EV 1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Y	
296		Missing

<i>ESMB134</i>		<i>EV 2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
306		Missing

<i>ESMB135</i>		<i>EV 3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
36	Y	
271		Missing

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<i>ESMB136</i>		<i>EV 4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	Y	
304		Missing

<i>ESMB137</i>		<i>EV 5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Y	
305		Missing

<i>ESMB138</i>		<i>EV 6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB139</i>		<i>EV 7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
306		Missing

<i>ESMB140</i>		<i>EV 8 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	Y	
302		Missing

<i>ESMB141</i>		<i>Heart Rate-1st ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	Present	Text suppressed
1		Missing

<i>ESMB142</i>		<i>Heart Rate-Fup ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	Present	Text suppressed
1		Missing

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<i>ESMB143</i>		<i>Condition 20- Lead 1, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB144</i>		<i>Condition 20- Lead 2, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB145</i>		<i>Condition 20- Lead 3, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
306		Missing

<i>ESMB146</i>		<i>Condition 21- Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
306		Missing

<i>ESMB147</i>		<i>Condition 21- Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB148</i>		<i>Condition 21- Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB149</i>		<i>Condition 22- Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB150</i>		<i>Condition 22- Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

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<i>ESMB151</i>		<i>Condition 22- Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307		Missing

<i>ESMB152</i>		<i>SRC Serial Change Read (0=csc 1=nova)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	nova
306		Missing

<i>ESMB153</i>		<i>CLN Overread Nova 0=no 1=ant 2=inf 3=lat</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	Inf
306		Missing

<i>ESMBBV</i>		<i>ECG Baseline Visit Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
305	1	
2	2	

<i>ESMBCY</i>		<i>Contact Year</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307	7	

<i>ESMBFLAG</i>		<i>=1 If Form Is Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307	1	

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

<i>SOURCE</i>		<i>Source: Aric Or Nova</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
215	ARIC	
92	NOVA	