

**Cohort, Exam 2****ECG data**

Serial change

<i>ESMA1</i>		<i>ECG Technician - 1st ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA2</i>		<i>Date Serching Coding Req - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Range	08/23/1994 - 03/22/2000
60		Missing

<i>ESMA3</i>		<i>ECG Coder - 1st ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA5</i>		<i>Q-QS Pattern (1xx) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	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.
1	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
148		Missing

<i>ESMA6</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	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
4	26	Q amplitude = 5.0 mm in leads III or aVF.
2	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
1	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.
1	36	QS pattern in each of leads III and aVF. (Do not code in the presence of 7-1-1.)
141		Missing

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<i>ESMA7</i>		<i>Q-QS Pattern (1xx) V1-V5 - 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 any of leads V2, V3, V4, V5.
1	17	QS pattern in all of leads V1-V4 or V1-V5.
1	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 > 2 mm.)
148		Missing

<i>ESMA8</i>		<i>ST Segment Depression (4xx) I aVL V6 - 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 any of leads I, aVL, or V6.
8	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.
139		Missing

<i>ESMA9</i>		<i>ST Segment Depression (4xx) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.
1	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.
149		Missing

<i>ESMA10</i>		<i>ST Segment Depression (4xx) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
3	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
147		Missing

<i>ESMA11</i>		<i>T Wave (5x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	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.
17	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.
4	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.
118		Missing

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<i>ESMA12</i>		<i>T Wave (5x) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	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.
9	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.
141		Missing

<i>ESMA13</i>		<i>T Wave (5x) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	T amplitude negative 5.0 mm or more in any of leads V1-V5
8	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
7	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.
7	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.
128		Missing

<i>ESMA14</i>		<i>ST Segment Elevation (92x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA15</i>		<i>ST Segment Elevation (92x) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA16</i>		<i>ST Seg Elevation (92x) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA17</i>		<i>R (3x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	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.)
10	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.)
131		Missing

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<i>ESMA18</i>		<i>A-V Conduction Defect (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	03	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF.
146		Missing

<i>ESMA19</i>		<i>Ventricular Conduction Defect (7xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	02	
2	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.)
2	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.
6	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.
135		Missing

<i>ESMA20</i>		<i>Misc (9x) 1x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA21</i>		<i>Misc (9x) 3x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA22</i>		<i>Misc (9x) 5x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	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.)
150		Missing

<i>ESMA23</i>		<i>U Wave (Blank) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA24</i>		<i>Suppression 8 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

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<i>ESMA25</i>		<i>Technical Problem (98x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA26</i>		<i>Clear - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	0	
56	1	
66		Missing

<i>ESMA27</i>		<i>"B1":Suppression Pattern (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	2	
60		Missing

<i>ESMA28</i>		<i>"C1":Type Of Suppression (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	0	
60		Missing

<i>ESMA29</i>		<i>"D1":Bundle Branch Block - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	3	
60		Missing

<i>ESMA30</i>		<i>"E1":Major Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	2	
60		Missing

<i>ESMA31</i>		<i>"F1":Minor Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	
88	2	
60		Missing

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<i>ESMA32</i>		<i>"G1":Major Q II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
89	2	
60		Missing

<i>ESMA33</i>		<i>"H1":Minor Q II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
87	2	
60		Missing

<i>ESMA34</i>		<i>"I1":Major Q V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
89	2	
60		Missing

<i>ESMA35</i>		<i>"J1":Minor Q V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
90	2	
60		Missing

<i>ESMA36</i>		<i>ECG Technician - Follow Up ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA37</i>		<i>Date Serchg Coding Req - 2nd ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Range	08/23/1994 - 03/22/2000
60		Missing

<i>ESMA38</i>		<i>Coder - Follow Up ECG - Blank</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

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<i>ESMA40</i>		<i>Q-Qs Pattern (1xx) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6.
2	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead aVL.
2	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6.
2	22	Q duration = 0.03 sec and < 0.04 sec in lead I or V6.
4	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.
6	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
133		Missing

<i>ESMA41</i>		<i>Q-QS Pattern (1xx) II III aVF - Follow Up 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 lead II.
6	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.
2	15	Q duration = 0.05 sec in lead aVF.
18	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
1	22	Q duration = 0.03 sec and < 0.04 sec in lead II.
5	23	QS pattern in lead II. Do not code in the presence of 7-1-1.
14	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.
2	26	Q amplitude = 5.0 mm in leads III or aVF.
5	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.
1	35	Q duration = 0.03 sec and < 0.04 sec in lead aVF.
1	36	QS pattern in each of leads III and aVF. (Do not code in the presence of 7-1-1.)
93		Missing

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<i>ESMA42</i>		<i>Q-QS Pattern (1xx) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5.
7	12	Q duration = 0.04 sec in any of leads V1-V5
7	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	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.
1	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 > 2 mm.)
2	31	Q/R amplitude ratio = 1/5 and < 1/3 plus Q duration = 0.02 and < 0.03 sec in any of leads V2-V5.
6	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)
119		Missing

<i>ESMA43</i>		<i>ST Segment Depression (4xx) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	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.
7	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.
2	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.
136		Missing

<i>ESMA44</i>		<i>ST Segment Depression (4xx) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.
5	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.
145		Missing

<i>ESMA45</i>		<i>ST Segment Depression (4xx) V1-V5 - Follow Up 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 any of leads V1 - V5
3	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
1	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5
142		Missing



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<i>ESMA46</i>		<i>T Wave (5x) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
23	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
14	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
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.
112		Missing

<i>ESMA47</i>		<i>T Wave (5x) II III aVF - Follow Up 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.
13	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.
1	4	T amplitude positive and T/R amplitude ratio < 1/20 in lead II; R wave amplitude must be = 10.0 mm.
129		Missing

<i>ESMA48</i>		<i>T Wave (5x) V1-V5 - 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
9	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
7	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.
116		Missing

<i>ESMA49</i>		<i>ST Segment Elevation (92x) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA50</i>		<i>ST Segment Elevation (92x) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA51</i>		<i>ST Segment Elevation (92x) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation ! 2.0 mm in any of leads V1-V4.
148		Missing

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<i>ESMA52</i>		<i>R (3x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	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.)
8	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.)
132		Missing

<i>ESMA53</i>		<i>AV Conduction Defect (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	03	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF.
147		Missing

<i>ESMA54</i>		<i>Ventricular Conduction Defect (7xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	02	
2	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.)
2	05	R-R' pattern in either of leads V1, V2 with R' amplitude = R.
2	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.)
138		Missing

<i>ESMA55</i>		<i>Misc (9x) 1x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	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.)
150		Missing

<i>ESMA56</i>		<i>Misc (9x) 3x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

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<i>ESMA57</i>		<i>Misc (9x) 5x - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	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.)
149		Missing

<i>ESMA58</i>		<i>U Wave (Blank) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA59</i>		<i>Suppression 8 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA60</i>		<i>Technical Problem (98x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA61</i>		<i>Clear - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	1	
60		Missing

<i>ESMA62</i>		<i>"B2":Suppression Pat (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	2	
60		Missing

<i>ESMA63</i>		<i>"C2":Type Of Suppression (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	0	
60		Missing

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ESMA64		"D2":Bundle Branch Block - Follow Up ECG
N	Value	Description
2	2	
89	3	
60		Missing

ESMA65		"E2":Major Q I aVL V6 - Follow Up ECG
N	Value	Description
8	1	
83	2	
60		Missing

ESMA66		"F2":Minor Q I aVL V6 - Follow Up ECG
N	Value	Description
10	1	
81	2	
60		Missing

ESMA67		"G2":Major Q II III aVF - Follow Up ECG
N	Value	Description
49	1	
42	2	
60		Missing

ESMA68		"H2":Minor Q II III aVF - Follow Up ECG
N	Value	Description
7	1	
84	2	
60		Missing

ESMA69		"I2":Major Q V1-V5 - Follow Up ECG
N	Value	Description
23	1	
68	2	
60		Missing

**Cohort, Exam 2**

<i>ESMA70</i>		<i>"J2":Minor Q V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	1	
82	2	
60		Missing

<i>ESMA71</i>		<i>Visit Or Contact Year - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	2	
60		Missing

<i>ESMA72</i>		<i>Condition 1 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	
3	3	
1	4	
144		Missing

<i>ESMA73</i>		<i>Condition 1 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19	1	
24	3	
108		Missing

<i>ESMA74</i>		<i>Condition 1 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
16	3	
129		Missing

<i>ESMA75</i>		<i>Condition 2 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
150		Missing

**Cohort, Exam 2**

<i>ESMA76</i>		<i>Condition 2 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
150		Missing

<i>ESMA77</i>		<i>Condition 2 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
150		Missing

<i>ESMA78</i>		<i>Condition 3 - Lead 1, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA79</i>		<i>Condition 3 - Lead 2, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	3	
149		Missing

<i>ESMA80</i>		<i>Condition 3 - Lead 3, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA81</i>		<i>Condition 4 - Lead 1, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
4	3	
141		Missing

<i>ESMA82</i>		<i>Condition 4 - Lead 2, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
5	3	
144		Missing

**Cohort, Exam 2**

<i>ESMA83</i>		<i>Condition 4 - Lead 3, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	
6	3	
142		Missing

<i>ESMA84</i>		<i>Condition 5 - Lead 1, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	0	
122		Missing

<i>ESMA85</i>		<i>Condition 5 - Lead 2, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	0	
122		Missing

<i>ESMA86</i>		<i>Condition 5 - Lead 3, EV 1-EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	0	
122		Missing

<i>ESMA87</i>		<i>Condition 7 - Lead 1, ED2,5,EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	
1	3	
145		Missing

<i>ESMA88</i>		<i>Condition 7 - Lead 2, ED2,5,EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
150		Missing

**Cohort, Exam 2**

<i>ESMA89</i>		<i>Condition 7 - Lead 3, ED2,5, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
1	3	
146		Missing

<i>ESMA90</i>		<i>Condition 8 - Lead 1, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA91</i>		<i>Condition 8 - Lead 2, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA92</i>		<i>Condition 8 - Lead 3, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA93</i>		<i>Condition 9 - Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2	
149		Missing

<i>ESMA94</i>		<i>Condition 9 - Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
150		Missing

<i>ESMA95</i>		<i>Condition 9 - Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	
150		Missing

<i>ESMA96</i>		<i>Condition 10- Lead 1, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing



**Cohort, Exam 2**

<i>ESMA97</i>		<i>Condition 10- Lead 2, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA98</i>		<i>Condition 10- Lead 3, EV 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA99</i>		<i>Condition 11- Lead 1, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA100</i>		<i>Condition 11- Lead 2, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA101</i>		<i>Condition 11- Lead 3, EV 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA102</i>		<i>Condition 12- Lead 1, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	1	
5	3	
135		Missing

<i>ESMA103</i>		<i>Condition 12- Lead 2, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	
2	3	
144		Missing

**Cohort, Exam 2**

<i>ESMA104</i>		<i>Condition 12- Lead 3, ED3,6,EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	
3	3	
136		Missing

<i>ESMA105</i>		<i>Condition 13- Lead 1, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA106</i>		<i>Condition 13- Lead 2, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA107</i>		<i>Condition 13- Lead 3, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA108</i>		<i>Condition 14- Lead 1, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2	
149		Missing

<i>ESMA109</i>		<i>Condition 14- Lead 2, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	
150		Missing

<i>ESMA110</i>		<i>Condition 14- Lead 3, EV 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	2	
148		Missing

<i>ESMA111</i>		<i>Condition 15- Lead 1, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

**Cohort, Exam 2**

<i>ESMA112</i>		<i>Condition 15- Lead 2, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA113</i>		<i>Condition 15- Lead 3, EV 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA114</i>		<i>Condition 16- Lead 1, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA115</i>		<i>Condition 16- Lead 2, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA116</i>		<i>Condition 16- Lead 3, EV 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA117</i>		<i>Condition 17- Lead 1, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	3	
145		Missing

<i>ESMA118</i>		<i>Condition 17- Lead 2, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA119</i>		<i>Condition 17- Lead 3, EV 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
2	3	
148		Missing

**Cohort, Exam 2**

<i>ESMA120</i>		<i>Condition 18- Lead 1, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA121</i>		<i>Condition 18- Lead 2, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA122</i>		<i>Condition 18- Lead 3, ED4,7,EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
2	3	
148		Missing

<i>ESMA123</i>		<i>Condition 19- Lead 1, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA124</i>		<i>Condition 19- Lead 2, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA125</i>		<i>Condition 19- Lead 3, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA126</i>		<i>ED1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
27	Y	Yes
124		Missing

<i>ESMA127</i>		<i>ED2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

**Cohort, Exam 2**

<i>ESMA128</i>		<i>ED3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA129</i>		<i>ED4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA130</i>		<i>ED5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	Yes
150		Missing

<i>ESMA131</i>		<i>ED6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	Y	Yes
145		Missing

<i>ESMA132</i>		<i>ED7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
150		Missing

<i>ESMA133</i>		<i>EV 1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	Y	Yes
148		Missing

<i>ESMA134</i>		<i>EV 2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA135</i>		<i>EV 3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	Y	Yes
142		Missing

**Cohort, Exam 2**

<i>ESMA136</i>		<i>EV 4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA137</i>		<i>EV 5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA138</i>		<i>EV 6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA139</i>		<i>EV 7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA140</i>		<i>EV 8 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA141</i>		<i>Heart Rate-1st ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Present	Text suppressed
60		Missing

<i>ESMA142</i>		<i>Heart Rate-Follow Up ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Present	Text suppressed
60		Missing

<i>ESMA143</i>		<i>Condition 20- Lead 1, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

**Cohort, Exam 2**

<i>ESMA144</i>		<i>Condition 20- Lead 2, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA145</i>		<i>Condition 20- Lead 3, EV 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA146</i>		<i>Condition 21- Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
150		Missing

<i>ESMA147</i>		<i>Condition 21- Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA148</i>		<i>Condition 21- Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA149</i>		<i>Condition 22- Lead 1, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA150</i>		<i>Condition 22- Lead 2, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

<i>ESMA151</i>		<i>Condition 22- Lead 3, EV 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151		Missing

**Cohort, Exam 2**

<i>ESMA152</i>		<i>SRC Serial Change Read (0=csc 1=nova)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
62	1	nova
89		Missing

<i>ESMA153</i>		<i>CLN Overread Nova 0=no 1=ant 2=inf 3=lat</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
34	0	No
14	1	Ant
13	2	Inf
1	3	Lat
89		Missing

<i>ESMACY</i>		<i>Contact Year</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151	4	

<i>ESMAFLAG</i>		<i>=1 If Form is present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151	1	Form is present

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

<i>SOURCE</i>		<i>Source: ARIC Or NOVA</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
90	ARIC	
61	NOVA	