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ECG data: FORM CODE=ETL VERSION=C

Coded - visual, Minnesota

	ETLC2	*ECG Technician Code* Q2
N	*Value*	*Description*
3590	Present	Text suppressed

	ETLC3	*Date ECG Recorded* Q3
N	*Value*	*Description*
3590	Range	04/16/1990 - 01/31/1996

	ETLC4	*Date ECG Sent* Q4
N	*Value*	*Description*
3590	Range	04/25/1995 - 11/05/1996

	ETLC5	*Date ECG Coded* Q5
N	*Value*	*Description*
3590	Range	04/25/1995 - 11/05/1996

	ETLC6	*Reading Center Coder ID* Q6
N	*Value*	*Description*
3590	Present	Text suppressed

	ETLC7	*Q-QS 1L* Q07
N	*Value*	*Description*
5	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
5	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6.
9	22	Q duration = 0.03 sec and < 0.04 sec in lead I or V6.
3	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.)
29	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.
29	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
3502		Missing

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	ETLC8	Q-QS 23 Q08
N	*Value*	*Description*
21	11	Q/R amplitude ratio = 1/3, plus Q duration ! 0.03 sec in lead II.
2	12	Q duration = 0.04 sec in lead II.
26	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.
5	15	Q duration = 0.05 sec in lead aVF.
26	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
12	22	Q duration = 0.03 sec and < 0.04 sec in lead II.
19	23	QS pattern in lead II. Do not code in the presence of 7-1-1.
46	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.
9	25	Q duration = 0.04 sec and < 0.05 sec in lead aVF.
78	26	Q amplitude = 5.0 mm in leads III or aVF.
19	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead II.
54	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.
10	35	Q duration = 0.03 sec and < 0.04 sec in lead aVF.
62	36	QS pattern in each of leads III and aVF. (Do not code in the presence of 7-1-1.)
3201		Missing

	ETLC9	Q-Q3 V1 Q9
N	*Value*	*Description*
22	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5.
14	12	Q duration = 0.04 sec in any of leads V1-V5
33	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
5	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2-V5.
2	22	Q duration = 0.03 sec and < 0.04 sec in any of leads V2-V5.
16	27	QS pattern in all of leads V1, V2, and V3. (Do not code in the presence of 7-1-1).
15	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	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.
64	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)
3414		Missing

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	ETLC10	*S-T Junction and Segment 1L*	*Q10*
N	*Value*	*Description*	
114	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.	
181	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.	
12	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.	
3283		Missing	

	ETLC11	*S-T Junction and Segment 23*	*Q11*
N	*Value*	*Description*	
33	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
68	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.	
6	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
3483		Missing	

	ETLC12	*S-T Junction and Segment V1*	*Q12*
N	*Value*	*Description*	
102	02	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5	
104	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	
5	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5	
19	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in any of leads V1, V2, V3, V4, V5	
3359		Missing	

	ETLC13	*T Wave Items 1L*	*Q13*
N	*Value*	*Description*	
13	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.	
391	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	
330	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	
2856		Missing	

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	ETLC14	T Wave Items 23	Q14
N	*Value*	*Description*	
143	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.	
174	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.	
3273		Missing	

	ETLC15	T Wave Items V1	Q15
N	*Value*	*Description*	
34	1	T amplitude negative 5.0 mm or more in any of leads V2, V3, V4, V5.	
542	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	
158	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	
2856		Missing	

	ETLC16	ST Segments 1L	Q16
N	*Value*	*Description*	
2	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	
3588		Missing	

	ETLC17	ST Segments 23	Q17
N	*Value*	*Description*	
8	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
3582		Missing	

	ETLC18	ST Segments V1	Q18
N	*Value*	*Description*	
89	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation ! 2.0 mm in any of leads V1-V4.	
3501		Missing	

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	ETLC19	R 3x Q19
N	*Value*	*Description*
281	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
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)
173	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.)
3135		Missing

	ETLC20	A-V Conduction Defect 6x Q20
N	*Value*	*Description*
213	03	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF
99	05	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF
22	08	Artificial pacemaker
3	23	Wenckebach's Phenomenon (P-R interval increasing from beat to beat until QRS and T dropped).
2	41	Wolff-Parkinson-White Pattern (WPW), persistent. Sinus P-wave. P-R interval < 0.12 sec, plus QRS duration = 0.12 sec, plus R peak duration = 0.06 sec, coexisting in the same beat and present in the majority of beats in any of leads I, II, aVL, V4 - V6
3251		Missing

	ETLC21	*Ventricular Conduction Defect 7x Q21*
N	*Value*	*Description*
75	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.)
49	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.)
99	05	R-R' pattern in either of leads V1, V2 with R' amplitude = R.
9	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.
150	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 sam
205	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
3003		Missing

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	ETLC22	*Miscellaneous Items 91* Q22
N	*Value*	*Description*
24	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.)
3566		Missing

	ETLC23	*Miscellaneous Items 93* Q23
N	*Value*	*Description*
12	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats.
3578		Missing

	ETLC24	*Miscellaneous Items 95* Q24
N	*Value*	*Description*
15	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.)
3575		Missing

	ETLC25	*Miscellaneous Items U* Q25
N	*Value*	*Description*
3590		Missing

	ETLC26	*Heart Rate Per Minute* Q26
N	*Value*	*Description*
3585	Present	Text suppressed
5		Missing

	ETLC27	*Supp 8* Q27
N	*Value*	*Description*
3590		Missing

	ETLC28	*Tech Problem* Q28
N	*Value*	*Description*
51	1	
6	2	
3533		Missing

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ETLC29	*Clear 10*	*Q29*
N	*Value*	*Description*
1392	0	
2198	1	

ETLCCY	*Contact Year*	
N	*Value*	*Description*
3590	7	

ETLCFLAG	*Indicator For Presence Of Form*	
N	*Value*	*Description*
3590	1	

ID	*Aric Participant ID*	
N	*Value*	*Description*
3590	Present	Text suppressed