Framingham Heart Study

Original Cohort Exam 10

05/21/1966-08/17/1970
N=3595

Exam Form Version

5-67 Numerical Data (Deck 121), X-Ray Report,
      Medical History, Physical Examination,
      Electrocardiograph and Oscillograph & Clinical
      Diagnostic Impression
8-68 Numerical Data (Deck 127 & Deck 128)

There are two different numerical data sheets present in this sample; one labeled deck 121 and another labeled deck 127 and 128. Either may be present in a participants chart but not both.

Notes on Framingham Heart Study Main Exam Data Collection Forms

Multiple versions of each exam form were used at the time of data collection. However, only one version of each exam form has been provided in the samples below. The other versions, which can be found in the participants' charts, have the same variables as the sample exam forms, but may be placed in a different format.

On some of the sample exam forms, the same variable may be found on two different data sheets. An example of this would be variable "FA159" on original cohort exam 8, which is "Signs of CVA: Aphasia." This variable appears both in the physical examination and Exam VIII Code Sheet Card No. 4. The reason for the reappearance of variables is that one data sheet was used for collection of the data, while the other was used to enter the data into the computer. Variables appearing more than once on an exam form should hold the same value in both places for that particular participant.

EXAM X CODE SHEET
Framingham Heart Study

NUMERICAL DATA
Deck 121

DATE THIS EXAM

DATE LAST EXAM

COLS.	CODE	ITEM
1-4	ID	RECORD NUMBER — NAME — AGE FC3
5-7	FC6	WEIGHT (To nearest pound)
8-11	FC7	HEIGHT (Inches, to next lower quarter inch)
12-15	Right FC8 — Left FC9	SKINFOLD TRICEPS (Millimeters)
16	Negative 0 — Positive 1 — Doubtful 2 — Unknown 9 — FC10	SUGAR IN URINE
17	Negative 0 — Positive 1 — Doubtful 2 — Unknown 9 — FC11	ALBUMIN IN URINE

BLOOD PRESSURE (Left arm, mm Hg):

COLS.	Systolic	Diastolic	ITEM
18-23	FC12	FC13	NURSE
24-29	FC14	FC15	PHYSICIAN (First reading)
30-35	FC16	FC17	PHYSICIAN (Second reading)

BLOOD ANALYSIS:

COLS.	Code	ITEM
36	No 0 — Yes 1 — Unknown 9	FASTING FC20
37-38		HEMATOCRIT (Percent) FC18
39-41		SUGAR (mg/100 ml) FC21
42-44		TOTAL CHOLESTEROL (mg/100 ml) FC22
45-47		BETA CHOLESTEROL (mg/100 ml) FC23
48-50		ALPHA CHOLESTEROL (mg/100 ml) FC24
51-53		PHOSPHOLIPID (mg/100 ml) FC25
54-56		TRIGLYCERIDE (mg/100 ml) FC32
57-59		FIBRINOGEN (mg/100 ml) FC26
60-62		FIBRINOLYSIS TIME (Minutes)
63-68	Filtered FC27 — Unfiltered FC28	LIGHT SCATTERING INTENSITY (L.S.I. units described by Thorp)
69-71		CAROTENE (μg/100 ml) FC29
72	Negative 0 — Frederickson Class 1 2 3 4 5 — Unknown 9	LIPOPROTEIN ELECTROPHORETIC PATTERN FC30
	None 0 — Positive 1 2 — Trace 3 — Unknown 9	DENSITY OF PRE-BETA BAND FC31

| 78-80 | 1 2 1 | DECK NUMBER 121 | VERIFIED BY | DATE |

NIH-481-1
REV. 5-67

EXAM ~~I~~ CODE SHEET Framingham Heart Study	NUMERICAL DATA Deck ~~181~~ 127	DATE THIS EXAM
		DATE LAST EXAM

S.	CODE			ITEM		
1-4	ID			RECORD NUMBER	NAME	AGE FC3
5-10	Month	Day	Year	DATE THIS EXAM		
11	Single 1 Married 2 Widowed 3	Divorced 4	Separated 5	MARITAL STATUS		
12-15	FC140	Nurse	Physician	EXAMINERS' NUMBERS		
16-18	FC6			WEIGHT (To nearest pound)		
19-22	FC7			HEIGHT (Inches, to next lower quarter inch)		
23-26		Right FC8	Left FC9	SKINFOLD TRICEPS (Millimeters)		
27-30		FC33	FC34	SKINFOLD SUBSCAPULAR (Millimeters)		
31	Negative 0 Positive 1	Doubtful 2	Unknown 9	SUGAR IN URINE FC10		
32	0 1	2	9	ALBUMIN IN URINE FC11		

BLOOD PRESSURE (Left arm, mm Hg):

	Systolic	Diastolic	
33-38	FC12	FC13	NURSE
44	FC14	FC15	PHYSICIAN (First reading)
45-50	FC16	FC17	PHYSICIAN (Second reading)

LUNG FUNCTION:

51-52	FC188	TOTAL VITAL CAPACITY (Deciliters)
53-55	FC189	FIRST SECOND VOLUME (Centiliters)

GLUCOSE CHALLENGE:

	AM-PM	Hour	Minute		CODE
56-60	FC35	FC36	FC37	TIME OF LAST EATING (Meal or snack)	1 = AM
61-65	FC38	FC39	FC40	TIME GLUCOSE GIVEN	2 = PM

BLOOD ANALYSIS:

66-67		HEMATOCRIT (Percent) FC18
68-70		SUGAR (mg/100 ml) FC41

COMMENTS

78-80		1	2	7	DECK NUMBER ~~181~~ 127	VERIFIED BY	DATE

NIH-481-1 (REV. 8-68)

| EXAM X CODE SHEET
Framingham Heart Study | | | NUMERICAL DATA (Continued)
HISTORY OF PHYSICAL ACTIVITY
Deck 122 128 | |

COLS.	CODE			ITEM
1-4	ID			RECORD NUMBER

BLOOD ANALYSIS: FASTING LIPIDS

COLS.	CODE		ITEM
5-7	FC42		TOTAL CHOLESTEROL (mg/100 ml)
8-10	FC43		ALPHA CHOLESTEROL (mg/100 ml)
11-13	FC44		VLDL CHOLESTEROL (mg/100 ml)
14-16	FC45		BETA CHOLESTEROL (mg/100 ml)
17-19	FC46		TRIGLYCERIDE (mg/100 ml)
20-25	Unfiltered FC27	Filtered FC28	LIGHT SCATTERING INTENSITY (L.S.I. units described by Thorp)
26	None 0 Positive 1 Trace 2 Unknown 3 9		DENSITY OF PRE-BETA BAND FC47
27	None 0 Yes 1 Unknown 9		VLDL BETA BAND FC48

AGAROSE ELECTROPHORESIS

COLS.	CODE	ITEM
28-30		Origin (Standard units)
31-33		Beta Band (Standard units)
34-36		Pre-Beta Band (Standard units)
37-39		Alpha Band (Standard units)

REST AND ACTIVITY (Average Hours Per Day)

COLS.		ACTIVITY	
40-41		SLEEP	
42-43		ADDED REST	
44-45		SEDENTARY	JOB: WHAT DO YOU DO?
46-47		SLIGHT ACTIVITY	
48-49		MODERATE ACTIVITY	
50-51		HEAVY ACTIVITY	
52-53		SEDENTARY	EXTRACURRICULAR ACTIVITIES
54-55		SLIGHT ACTIVITY	
56-57		MODERATE ACTIVITY	
58-59		HEAVY ACTIVITY	
60-61		SEDENTARY	SUMMARY BY EXAMINER
62-63		SLIGHT ACTIVITY	
64-65		MODERATE ACTIVITY	
66-67		HEAVY ACTIVITY	

COLS.		CODE			ITEM	VERIFIED BY	DATE
78-80	▨▨▨	1	2	8	DECK NUMBER 128		

NIH-481-1 (REV. 8-68)

EXAM X CODE SHEET
Framingham Heart Study

X-RAY REPORT
Deck 122

DATE THIS EXAM

DATE LAST EXAM

COLS.			CODE			ITEM	
1-4						RECORD NUMBER	NAME

	Sat. 1	UnSat. 2		Not Done 9	**CHEST FILM:**	
FC49 5						

	No	Yes	Maybe	Unknown	ABNORMALITY NOTED BY RADIOLOGIST **BEFORE** CLINICAL DATA	• DESCRIBE
FC50 6	0	1	2	9	Generalized Cardiac Enlargement	
FC51 7	0	1	2	9	Left Ventricular Hypertrophy	
FC52 8	0	1	2	9	Atrial Hypertrophy L R	
FC53 9	0	1	2	9	Right Ventricular Hypertrophy	
FC54 10	0	1	2	9	Other Contour*	
FC55 11	0	1	2	9	Pulmonary Artery*	
FC56 12	0	1	2	9	Position*	
FC57 13	0	1	2	9	Calcification, Not Aortic*	

	No	Yes	Maybe	Unknown	AORTIC ABNORMALITY		*DESCRIBE
FC58 14	0	1	2	9		Arch	
FC59 15	0	1	2	9	Tortuous	Ascending	
FC60 16	0	1	2	9		Descending	
FC61 17	0	1	2	9	Calcified		
FC62 18	0	1	2	9	Other*		

	No	Yes	Maybe	Unknown	NON-CARDIOVASCULAR ABNORMALITY	*DESCRIBE
FC63 19	0	1	2	9	Bone*	
FC64 20	0	1	2	9	Pleural*	
FC65 21	0	1	2	9	Parenchymal*	
FC66 22	0	1	2	9	Other*	

					MEASUREMENT OF HEART SIZE (100 Added to Denominator of Fraction Shown for Heart Size)	HEART SIZE /	CT RATIO /
FC67 23-25							

Continue on reverse

X-RAY REPORT
Deck 122
(Continued)

RECORD NUMBER

CHEST FILM: (Continued)

COLS.	No	Yes	Maybe	Unknown	ITEM
	No	Yes	Maybe	Unknown	ABNORMALITY NOTED BY RADIOLOGIST AFTER CLINICAL DATA
FC68 26	0	1	2	9	Generalized Cardiac Enlargement — *DESCRIBE
FC69 27	0	1	2	9	Left Ventricular Hypertrophy
FC70 28	0	1	2	9	Atrial Hypertrophy
FC71 29	0	1	2	9	Right Ventricular Hypertrophy
FC72 30	0	1	2	9	Other Contour*
FC73 31	0	1	2	9	Position
FC74 32	0	1	2	9	HEART LARGER NOW THAN AT PRECEDING EXAM
FC75 33	No 2	Yes 1		Not done 9	CARDIO-ROENTGEN ACTIVATOR IS SATISFACTORY

PERSONAL HISTORY

COLS.					ITEM
FC76 34-35					PRESENT AGE (Years last birthday)
FC77 36-37					BIRTH ORDER (Live births)
FC78 38-39					NUMBER OF SIBLINGS (Including subject)
FC79 40					MARITAL STATUS (1-Single 2-Married 3-Widowed 4-Divorced 5-Separated)

78-80		1	2	2	DECK NUMBER 122	VERIFIED BY	DATE

| EXAM X CODE SHEET | MEDICAL HISTORY | DATE THIS EXAM |
| Framingham Heart Study | Deck 123 | DATE LAST EXAM |

COLS.		CODE			ITEM	
1-4					RECORD NUMBER	NAME
FC80 5	No 0	Yes 1		Unknown 9	HOSPITALIZATION IN INTERIM	
FC81 6	0	1		9	ILLNESS AND/OR VISIT TO DOCTOR IN INTERIM	

REASON	MONTH – YEAR	NAME AND LOCATION OF HOSPITAL	DOCTOR

	No	Yes (Now)	Yes (Not Now)	Unknown	MEDICINE USED IN INTERIM:	COMMENTS
FC82 7	0	1	2	9	CARDIAC GLYCOSIDES	
FC83 8	0	1	2	9	NITRITES	
FC84 9	0	1	2	9	QUINIDINE (OR PROCAINAMIDE)	
FC85 10	0	1	2	9	DIURETICS	
FC86 11	0	1	2	9	HYPOTENSIVES	
FC87 12	0	1	2	9	ANTI-CHOLESTEROL AGENTS	
FC88 13	0	1	2	9	THYROID	
FC89 14	0	1	2	9	ANTITHYROID	
FC90 15	0	1	2	9	ANTICOAGULANTS	
FC91 16	0	1	2	9	HYPOGLYCEMIC AGENTS(Specify)	
FC92 17	0	1	2	9	TRANQUILIZERS	

MENOPAUSE:

						COMMENTS
18		Man 8		Woman 2	SEX FC2	
FC93 19	Man 8	No 0	Yes 1	Unk. 9	PERIODS HAVE STOPPED 1 YEAR OR MORE	
FC94 20-21	88				AGE AT WHICH PERIODS STOPPED (00 = Not Stopped)	
FC95 22	8	NS 7 Natural 0	Surgery 1 Other 2	Unk. 9	CAUSE OF CESSATION OF MENSES (NS = Not Stopped)	
FC96 23	8	No 7 0	Yes Under a year 1 Yes Over a year 2	Unk. 9	HORMONE THERAPY IN INTERIM (Specify)	
FC97 24	8 7	No 0	Yes 1	Unk. 9	HYSTERECTOMY	
FC98 25	8	No 7 0	Yes (one) 1 Yes (two) 2	Unk. 9	OVARIES REMOVED	

NIH-481-3 (REV. 8-67)

COLS.	CODE			ITEM	
				SMOKING, IN INTERIM:	DESCRIBE ANY CHANGES
26	No 0	Yes 1	Unknown 9	SMOKED AT LEAST ONE YEAR IN LAST TWO YEARS	FC99
27	0	1	9	SMOKES CIGARS	FC100
28	0	1	9	SMOKES PIPE	FC101
29	0	1	9	SMOKES CIGARETTES	FC102
30-31				Number of Cigarettes Per Day	FC103
32	Quarters 1 2 3		Unknown 9	Portion of Cigarette Smoked	FC104
33	No 0	Yes 1	Unknown 9	Uses Filter	FC105
34	0	1	9	Inhales	FC106
				DIET:	COMMENTS
35	No 0	Yes 1	Unknown 9	LOW FAT	FC107
36	0	1	9	LOW CALORIE	FC108
37	0	1	9	LOW SALT	FC109
38	0	1	9	BLAND	FC110
39	0	1	9	DIABETIC	FC111
40	0	1	9	OTHER	FC112
41	0	1	9	DO YOU AVOID SALT OR SALTY FOODS FC113	
42	0	1	9	FOLLOWING DIET (Examiner's Opinion) FC114	

RESPIRATORY SYMPTOMS, IN INTERIM:

	CODE				ITEM	
FC115 43	No 0	Yes Productive 1	Yes Non-productive 2	Unknown 9	CHRONIC COUGH	Duration _____ + − Nocturnal + − Hemoptysis
FC116 44	No 0	Yes 1		Unknown 9	TROUBLED WITH WHEEZING	+ − Seasonal + − Long Duration + − With Respiratory Infection
FC117 45	No 0	Highest Grade 1 2 3		Unknown 9	DYSPNEA ON EXERTION	Grade 1: Climbing stairs or vigorous exertion Grade 2: Rapid walking or moderate exertion Grade 3: Any slight exertion
FC118 46	No 0	Yes 1		Unknown 9	Dyspnea Increased in Past Two Years	
FC119 47	0	1		9	ORTHOPNEA	☐ Recent ☐ Old Complaint
FC120 48	0	1		9	PAROXYSMAL NOCTURNAL DYSPNEA	
FC121 49	0	1		9	ANKLE EDEMA, BILATERAL	
FC122 50	No 0	Yes 1	Maybe 2	Unknown 9	Examiner Believes Subject Had Congestive Heart Failure Since Last Examination	

	RECORD NUMBER

EXAM X CODE SHEET
Framingham Heart Study

MEDICAL HISTORY
Deck 123
(Continued)

COLS.	CODE	ITEM

CHEST DISCOMFORT:

COLS.	No	Yes	Unknown	Item
FC123 51	0	1	9	CHEST DISCOMFORT

When Does Chest Discomfort Occur?	− +	With exertion or excitement
	− +	When quiet or resting

− + Repeated Short Episodes	DATE OF ONSET		USUAL DURATION
	LOCATION		LONGEST DURATION
	RADIATES TO		FREQUENCY
	TYPE		RELIEVED BY

− + Prolonged Episodes		COMMENTS

COLS.	No	Yes	Maybe	Un-known			
FC124 52	0	1	2	9	1ST EXAMINER'S OPINION	Angina Pectoris	
FC125 53	0	1	2	9		Coronary Insufficiency	
FC126 54	0	1	2	9		Myocardial Infarction	
FC127 55	No 2nd Exam 3	0	1	2	9	2ND EXAMINER'S OPINION	Angina Pectoris
FC128 56	3	0	1	2	9		Coronary Insufficiency
FC129 57	3	0	1	2	9		Myocardial Infarction

(Note: FC127, FC128, FC129 rows — "No 2nd Exam" code is 3, then No=0, Yes=1, Maybe=2, Unknown=9)

CEREBROVASCULAR ACCIDENT, SINCE LAST EXAMINATION:

SYMPTOMS	DURATION	DESCRIBE
− + SUDDEN MUSCULAR WEAKNESS L R		
− + SUDDEN SPEECH DIFFICULTY		
− + SUDDEN VISUAL DEFECT L R		
− + UNCONSCIOUSNESS		

ATTACK OBSERVED BY		DATE

AT AGE			
	ONSET	☐ WHILE ACTIVE	☐ AT REST

− + HOSPITALIZED	NO. DAYS	AT

COLS.	No	Yes	Maybe	Un-known	Item
FC130 58	0	1	2	9	Examiner Believes This Was a Stroke
FC131 59	0	1	2	9	Examiner Believes This Was Preceded by Transitory Ischemic Attack *(Describe)*

COMMENTS

COLS.	CODE			ITEM			
				PERIPHERAL VASCULAR DISEASE, LIFETIME:			
FC132 60	No 0	Yes 1	Unknown 9	FAMILY HISTORY (parent, sibling, offspring) OF NON-TRAUMATIC AMPUTATION OF LOWER EXTREMITY		RELATIVE	
FC133 61	No 0	Any + 1	Unknown 9	EVER HAD?	− + Trouble With Varicose Veins		L R
					− + Phlebitis		L R
					− + Swelling of Leg, Unilateral		L R
					− + Leg Ulcers		L R
FC134 62	No 0	Yes 1	Unknown 9	TROUBLED WITH FREQUENT COLD-NESS IN ONE EXTREMITY	− +L +R IN ONE Hand, Not Both		DO RATSCHOW'S TEST IF ANY POSITIVE ARTERIAL PERIPHERAL VASCULAR FINDINGS.
					− +L +R IN ONE Foot, Not Both		
FC135 63	No 0	Yes 1	Unknown 9	TROUBLE WITH FINGERS ON EX-POSURE TO COLD (RAYNAUD'S) L R	DESCRIBE		
FC136 64	No 0	Yes 1	Maybe 2	Unknown 9	Examiner Believes Subject Has Raynaud's Phenomenon		
FC137 65	No 0	Yes 1	Unknown 9	DISCOMFORT IN LOWER LIMBS WHILE WALKING − +L +R Calf − +L +R Other	− + Onset at First Steps		
					− + After Walking Awhile		
					− + Related to Rapidity of Walking or Steepness of Grade		
					− + Forced to Stop Walking		DISTANCE
					− + Relieved by Stopping, in _____ Minutes		
					DURATION OF SYMPTOMS _____ YEARS _____ MONTHS	LEG IN WHICH COMPLAINT BEGAN ☐ LEFT	☐ RIGHT
					CONDITION IS: ☐ Improving ☐ Getting Worse ☐ Stationary		
FC138 66	No 0	Yes 1	Maybe 2	Unknown 9	Examiner Believes Subject Has Intermittent Claudication		DO RATSCHOW'S TEST IF ANY POSITIVE ARTERIAL PERIPHERAL VASCULAR FINDINGS.
FC139 67	No 0	Yes 1	Maybe 2	Unknown 9	**GOUTY ARTHRITIS:**		
					EVER HAD GOUT	DATE LAST ATTACK	
						COMMENT	
	COMMENTS						
78-80	1	2	3	DECK NUMBER 123	VERIFIED BY	DATE	

PHYSICAL EXAMINATION
Deck 124

EXAM X CODE SHEET
Framingham Heart Study

DATE THIS EXAM

DATE LAST EXAM

COLS.	CODE	ITEM
1-4		RECORD NUMBER / NAME
5-10		DATE THIS EXAM (Month, day, year)
FC140 11-14	NURSE / PHYSICIAN	EXAMINERS' NUMBERS

DEGREE OF OBESITY

	None	Slight	Moderate	Marked	Unknown	COMMENTS
FC141 15	0	1	2	3	9	

		Slight	Mod.	Marked	Unk.	EYES:	*DESCRIBE (GIVE LOCATION AND SIZE)
FC142 16	0	1	2	3	9	ARCUS SENILIS	

	No	Yes	Maybe	Unk.		
FC143 17	0	1	2	9	XANTHELASMA*	

	No	Yes	Maybe	Unk.		DESCRIBE AND LOCATE
FC144 18	0	1	2	9	XANTHOMATA	

	No	Yes	Maybe	Unk.	THYROID:	DESCRIBE ANY ABNORMALITY
FC145 19	0	1	2	9	SCAR	
FC146 20	0	1	2	9	SINGLE NODULE	
FC147 21	0	1	2	9	MULTIPLE NODULES	
FC148 22	0	1	2	9	DIFFUSE ENLARGEMENT	
FC149 23	0	1	2	9	OTHER MANIFESTATION OF THYROID DISEASE	

	No	Yes	Maybe	Unk.	RESPIRATORY SYSTEM:	DESCRIBE ANY ABNORMALITY
FC150 24	0	1	2	9	INCREASED ANTERO-POSTERIOR DIAMETER	
FC151 25	0	1	2	9	ABNORMAL BREATH SOUNDS	
FC152 26	0	1	2	9	RALES	

COMMENTS

COLS.	CODE	ITEM	
		HEART:	
27 FC153	No Yes Maybe Unk. 0 1 2 9	ABNORMAL SOUNDS (e.g., clicks, gallops, abnormal splitting, muffled, or accentuated sounds, rubs)	SPECIFY AND DESCRIBE
		SYSTOLIC MURMURS:	DESCRIBE SIGNIFICANT MURMURS
		Heard Maximally At:	
FC154 28	No Grade Unk. 0 1 2 3 4 5 6 9	Apex	
FC155 29	0 1 2 3 4 5 6 9	Midprecordium	
FC156 30	0 1 2 3 4 5 6 9	Left Base	
FC157 31	0 1 2 3 4 5 6 9	Right Base	
FC158 32	No Yes Maybe Unk. 0 1 2 9	Any Murmur Significant	
FC159 33	Normal Mitral Aortic Both Other Unknown 0 1 2 3 4 9	FOR SIGNIFICANT MURMURS Examiner's opinion of valve origin	
FC160 34	No Mitral Aortic Both Other Unk. 0 1 2 3 4 9	**DIASTOLIC MURMURS:** Grade 1 2 3 4 5 6	DESCRIBE
FC161 35	No Yes Maybe Unk. 0 1 2 9	DISTENDED NECK VEINS (Semi-recumbent)	
		BREASTS:	
FC162 36	No Yes Unknown 0 1 9	Abnormal	
FC163 37	Mastectomy Radi- Sim- No cal ple Other Unk. 0 1 2 3 9	Scar Present L R	*DESCRIBE ABNORMALITY
FC164 38	No Yes Maybe Unk. 0 1 2 9	Localized Mass*	
FC165 38	0 1 2 9	Axillary Nodes*	
		ABDOMEN:	
FC166 40	No Yes Maybe Unk. 0 1 2 9	Liver Enlarged	DESCRIBE
		Other Liver Abnormality	
FC167 41	0 1 2 9	Other Abdominal Abnormality	

-2-

PHYSICAL EXAMINATION
Deck 124
(Continued)

RECORD NUMBER

ID

COLS.	CODE	ITEM

PERIPHERAL VESSELS:

COLS.	CODE	ITEM	DESCRIBE	
FC168 42	No 0 Grade 1 2 3 4 Unknown 9	LEFT ANKLE EDEMA	DESCRIBE	
FC169 43	0 1 2 3 4 9	RIGHT ANKLE EDEMA		

COLS.	CODE	ITEM	DESCRIBE	GRADE LEGEND
		VISIBLE VARICOSITIES	DESCRIBE	1 - UNCOMPLICATED
FC170 44	No 0 Grade 1 2 3 Unknown 9	Left		2 - WITH EDEMA OR SKIN CHANGES
FC171 45	0 1 2 3 9	Right		3 - WITH ULCER

COLS.	CODE	ITEM		
FC172 46	No 0 Yes 1 Unk. 9	AMPUTATION*	SITE / EXTENT / REASON	
FC173 47	No 0 Yes 1 Maybe 2 Unk. 9	TEMPERATURE DIFFERENCE IN FEET*	Colder Foot L R	* DO RATSCHOW'S TEST IF ANY POSITIVE ARTERIAL PERIPHERAL FINDINGS.
FC174 48	No 0 Yes 1 Maybe 2 Unk. 9	ABSENT OR FEEBLE PERIPHERAL PULSES*		
FC175 49	0 1 2 9	Dorsal Pedis L R		
FC176 50	0 1 2 9	Posterior Tibial L R		
FC177 51	0 1 2 9	Femoral L R		
FC178 52	0 1 2 9	Radial L R		
FC179 53	No 0 Yes 1 Maybe 2 Unk. 9	VASCULAR BRUITS IMMEDIATELY AFTER EXERCISE*		
		– + Medial Aspect of Thigh L R		
		– + Groin L R		
		– + Lower Abdomen L R		
		– + Umbilical L R		
		– + Carotid L R		
FC180 54	No 0 Yes 1 Unknown 9	WAS PATIENT EXERCISED BEFORE BRUITS WERE LISTENED FOR?		

COMMENTS

COLS.	CODE	ITEM

PERIPHERAL VESSELS: (Continued)

FC181 55

Not Done 0	Pos. 1	Neg. 2	May be 3	Unk. 9

RATSCHOW'S POSTURAL CHANGE TEST:

	DESCRIBE
+L −+R Pallor on Elevation	NOTE: COMPARE TWO FEET
+L −+R Delayed Return of Color in 1 foot (_____Sec. Delayed)	
+L −+R Delayed Filling in 1 foot (_____ Sec. Delayed)	
−+L +R Reactionary Rubor	

DO RATSCHOW'S TEST IF ANY POSITIVE ARTERIAL VASCULAR FINDINGS

COLS	No 0	Yes 1	Maybe 2	Unk. 9	ITEM
FC182 56	0	1	2	9	1ST EXAMINER'S OPINION — Arterial Peripheral Vascular Disease
FC183 57	0	1	2	9	Chronic Venous Insufficiency or Varicose Veins
FC184 58	0	1	2	9	2ND EXAMINER'S OPINION — Arterial Peripheral Vascular Disease
FC185 59	0	1	2	9	Chronic Venous Insufficiency or Varicose Veins

NEUROLOGICAL FINDINGS:

	DESCRIBE EACH ABNORMALITY
− + SPEECH DISTURBANCE	
− + MENTAL IMPAIRMENT	
− + DISTURBANCE IN GAIT	
− + LOCALIZED MUSCLE WEAKNESS	
− + VISUAL DISTURBANCE	
− + ABNORMAL REFLEXES	
− + CRANIAL NERVE ABNORMALITY	
− + CEREBELLAR SIGNS	
− + SENSORY IMPAIRMENT	

COLS	No 0	Yes 1	Maybe 2	Unk. 9	ITEM
FC186 60	0	1	2	9	ANY NEUROLOGICAL FINDINGS
FC187 61	0	1	2	9	Examiner believes this is residual of cerebrovascular accident

LUNG FUNCTION:

COLS		ITEM
FC188 62-63		TOTAL VITAL CAPACITY (Deciliters)
FC189 64-65		FIRST SECOND VOLUME (Centiliters)
67-69		FLOW RATE (Centiliters/second)

78-80	1	2	4	DECK NUMBER 124	VERIFIED BY	DATE

ELECTROCARDIOGRAPH AND OSCILLOGRAPH
Deck 125

AM X CODE SHEET
.umingham Heart Study

| DATE THIS EXAM |
| DATE LAST EXAM |

COLS.	CODE	ITEM
1-4		RECORD NUMBER / NAME

ELECTROCARDIOGRAPHIC FINDINGS:

Cols.	Code	Item
FCA0 5-7		VENTRICULAR RATE PER MINUTE
FCA1 8-9		P-R INTERVAL (Hundredths of second)
FCI92 10-11		QRS INTERVAL (Hundredths of second)
FCI93 12	No 0 Yes 1 Maybe 2 Unknown 9	MYOCARDIAL INFARCTION LOCATION
FCI94 13	0 1 2 9	LEFT VENTRICULAR HYPERTROPHY
FCI95 14	0 1 2 9	NON-SPECIFIC T-WAVE ABNORMALITY
FCI96 15	0 1 2 9	NON-SPECIFIC S-T SEGMENT ABNORMALITY

| FC197 16 | No 0   IVB: L 1 R 2 Ind 3 Other 4   WPW 5   Unk. 9 | INTRAVENTRICULAR BLOCK |

ABBREVIATIONS
WPW - Wolff-Parkinson-White Syndrome
Ind   - Indeterminate whether left or right

| FCA8 17 | No 0   Degree: 1 2 3   Unknown 9 | ATRIOVENTRICULAR BLOCK |

DEGREE LEGEND
1 - Prolonged P-R interval (0.20 second or more)
2 - Dropped beat
3 - Complete A-V dissociation (C.H.B.)

FCI99 18	No 0 Atrial 1 Ventricular 2 Nodal 3 Combined 4 Unknown 9	PREMATURE BEATS
FCN00 19	No 0 Yes 1 Unknown 9	ATRIAL FIBRILLATION
FC201 20	No 0 Yes 1 Unknown 9	ATRIAL FLUTTER
FC202 21	No 0 Yes 1 Maybe 2 Unknown 9	OTHER ARRHYTHMIA SPECIFY
FC203 22	No 0 Digitalis Effect 1 Other 2 Unk. 9	OTHER ECG ABNORMALITY SPECIFY
FC204 23	No 0 Yes 1 Maybe 2 Unknown 9	ANY ABOVE ABNORMALITY PRESENT IN ECG
FC205 24	0 1 2 9	TAKING DIGITALIS OR QUINIDINE
FC206 25	Normal 0 Abnormal 1 Doubtful 2 Unk. 9	ECG CLINICAL READING

Continue on Reverse

COLS.	CODE	ITEM	

OSCILLOGRAPHIC FINDINGS:

DICROTIC NOTCH

	Degree	Unknown	Item	
26	1 2 3 4	9	Wrist	Degree:
27	1 2 3 4	9	Leg	1 — Well defined dicrotic notch
28	1 2 3 4	9	Foot	2 — Intermediate change 3 — Intermediate change 4 — Absent dicrotic notch

AMPLITUDE DIFFERENCES

COLS.	RIGHT	LEFT	Item	
29-30			Wrist	Number of counterpressures at which <u>amplitude differences</u> exceeding 20% occur --
31-32			Leg	0, 1, 2, 3, or 4
33-34			Foot	

ABNORMAL CONTOUR

COLS.	No	Yes	Maybe	Unknown	Item	
35	0	1	2	9	Wrist, left	
36	0	1	2	9	Wrist, right	
37	0	1	2	9	Leg, left	Abnormal contour = blunting
38	0	1	2	9	Leg, right	
39	0	1	2	9	Foot, left	
40	0	1	2	9	Foot, right	

INDEX SHIFT

COLS.	No	Yes	Maybe	Unknown	Item	
41	0	1	2	9	Wrist, left	
42	0	1	2	9	Wrist, right	
43	0	1	2	9	Leg, left	Maximal amplitude occurs at a lower counterpressure on the abnormal side
44	0	1	2	9	Leg, right	
45	0	1	2	9	Foot, left	
46	0	1	2	9	Foot, right	

INTERPRETATION

COLS.	Number	Unknown	Item	SPECIFY
47	0 1 2 3 4	9	Abnormal pulses	

FC207

78-80	1 ¦ 2 ¦ 5	DECK NUMBER 125	VERIFIED BY	DATE

EXAM X CODE SHEET ımingham Heart Study	CLINICAL DIAGNOSTIC IMPRESSION Deck 126	DATE THIS EXAM DATE LAST EXAM

COLS.	CODE	ITEM
1-4	ID	RECORD NUMBER / NAME

HEART:

	Normal	Def-inite	Border-line	Un-known	
FC208 5	0	1	2	9	HYPERTENSIVE STATUS (based on two blood pressure readings taken by physician)

	No	Yes	Maybe	Un-known	
FC209 6	0	1	2	9	Under Treatment for Hypertension
FC210 7	0	1	2	9	HYPERTENSIVE HEART DISEASE
FC211 8	0	1			Diagnosis of HHD is Outside of Criteria

CORONARY HEART DISEASE

	No	Yes New Old Recur	May-be	Un-known	
FC212 9	0	1 2 3	4	9	Angina Pectoris
FC213 10	0	1 2 3	4	9	Coronary Insufficiency
FC214 11	0	1 2 3	4	9	Myocardial Infarction

RHEUMATIC HEART DISEASE

	No	Yes	Maybe	Un-known		TYPE
FC215 12	0	1	2	9	Aortic Valve Disease	
FC216 13	0	1	2	9	Mitral Valve Disease	
FC217 14	0	1	2	9	Other Rheumatic Heart Disease	SPECIFY
FC218 15	0	1	2	9	OTHER VALVULAR DISEASE	TYPE
FC219 16	0	1	2	9	CONGENTIAL HEART DISEASE	TYPE
FC220 17	0	1	2	9	OTHER HEART DISEASE	SPECIFY
FC221 18	0	1	2	9	CONGESTIVE HEART FAILURE	ETIOLOGY
FC222 19	0	1	2	9	ARRHYTHMIA	TYPE

	No HD	Class	Un-known	
FC223 20	0	1 2 3 4	9	FUNCTIONAL CLASS

PERIPHERAL VASCULAR DISEASE:

ATHEROSCLEROTIC OCCLUSIVE PERIPHERAL VASCULAR DISEASE

	No	Yes	Maybe	Un-known		
FC224 21	0	1	2	9	With Intermittent Claudication	
FC225 22	0	1	2	9	With Other Manifestation	SPECIFY
FC226 23	0	1	2	9	VARICOSE VEINS	
FC227 24	0	1	2	9	RAYNAUD'S PHENOMENON	

Continue on Reverse

EXAM X CODE SHEET Framingham Heart Study	CLINICAL DIAGNOSTIC IMPRESSION Deck 126 (Continued)

COLS.	CODE	ITEM

VASCULAR DISEASE OF BRAIN:

COLS.	No	Yes		May-be	Un-known	ITEM	SPECIFY NEUROLOGICAL MANIFESTATIONS
		New	Old Recur				
FC228 25	0	1	2 3	4	9	ATHEROSCLEROTIC INFARCTION OF BRAIN	
FC229 26	0	1	2 3	4	9	EMBOLIC INFARCTION OF BRAIN	SECONDARY TO:
FC230 27	0	1	2 3	4	9	HEMORRHAGE INTO BRAIN	
FC231 28	0	1	2 3	4	9	SUBARACHNOID HEMORRHAGE	
FC232 29	0	1	2 3	4	9	TRANSIENT ISCHEMIC ATTACKS	

COLS.	No 0	Yes 1	Maybe 2	Un-known 9	ITEM
FC233 30					**OTHER VASCULAR DIAGNOSIS:** SPECIFY

COLS.	No 0	Yes 1	Maybe 2	Un-known 9	ITEM	
					NON-CARDIOVASCULAR DIAGNOSES:	
FC234 31	0	1	2	9	DIABETES MELLITUS	
FC235 32	0	1	2	9	URINARY TRACT DISEASE	SPECIFY
FC236 33	0	1	2	9	PULMONARY DISEASE	
FC237 34	0	1	2	9	GOUTY ARTHRITIS	
FC238 35	0	1	2	9	OTHER NON-CARDIOVASCULAR DIAGNOSES	
					SPECIFY	

SUMMARY OF CLINICAL DIAGNOSES

SIGNATURES	FIRST EXAMINER		SECOND EXAMINER	
78-80	1 : 2 : 6	DECK NUMBER 126	VERIFIED	DATE

NIH-481-6 (REV. 5-67)