FRAMINGHAM HEART STUDY

ORIGINAL COHORT

SEQUENCE OF EVENTS *

EVENTS REVIEWED THROUGH 12/31/2003 **

SAS NAME: LSOE0_03.SSD01

Date created: 2/5/2004

SAS VARIABLE NAMES: PID EVETIME DATE

VARIABLE   INFORMATION
_____   _____

 IDTYPE   COHORT IDENTIFIER - ORIGINAL COHORT
        deleted - to preserve confidentiality

 ID   ID NUMBER
           deleted - to preserve confidentiality

 PID   RANDOM ID - to preserve confidentiality

 EVENT   EVENT NUMBER ON SEQUENCE OF EVENTS
       1-49   (SEE CODE DEFINITIONS ON PAGES 2 & 3)

 DATE   DATE OF EVENT   (A SAS DATE VARIABLE) - see evtime
        deleted - to preserve confidentiality

 EVTIME   NUMBERS OF DAYS BETWEEEN DATE OF EVENT AND DATE OF
EXAM1

  * 11,936 EVENTS OCCURED IN 4822 SUBJECTS WITH ONE OR MORE
    EVENTS. EACH EVENT IS A SEPARATE RECORD ON THIS FILE WHICH IS

SORTED
       IN ASCENDING ORDER OF ID AND DATE OF EVENT WITHIN ID.

       IF AN ID HAS TWO OR MORE EVENTS WITH THE SAME DATE VALUE,
       THE ORDER OF EVENTS IN THE DATA SET DOES NOT NECESSARILY
REFLECT THE NATURAL ORDER OF EVENTS.

    ** THIS DATA SET IS NOW GENERATED ANNUALLY. INCLUDED ARE EVENTS
       REVIEWED ON/BEFORE 12/31/2003. EVENTS REVIEWED AFTER 12/31/2003
       WILL APPEAR IN THE NEXT ANNUAL UPDATE. EVENTS CAN TAKE UP TO
TWO
       YEARS TO BE REVIEWED AFTER THE BECOME KNOWN.

EVENT NUMBER ON SEQUENCE OF EVENTS
_____

01-09   CHD

01 MI RECOGNIZED, WITH DIAGNOSTIC ECG
02 MI RECOGNIZED, WITHOUT DIAGNOSTIC ECG, WITH
   TRANSAMINASE AND HISTORY
03 MI RECOGNIZED, WITHOUT DIAGNOSTIC ECG, WITH
   AUTOPSY EVIDENCE, NEW EVENT (SEE ALSO CODE 09)
04 MI UNRECOGNIZED, SILENT
05 MI UNRECOGNIZED, NOT SILENT

NOTES: RECOGNIZED MEANS AT TIME OF MI OCCURRENCE, AN
MI WAS KNOWN TO HAVE TAKEN PLACE.
UNRECOGNIZED MEANS MI WAS NOT KNOWN TO HAVE TAKEN
PLACE UNTIL LATER AT FRAMINGHAM EXAMINATION.
SILENT MI MEANS AT TIME OF MI, THERE WERE NO SYMPTOMS
SIMILAR TO MI   SYMPTOMS. NOT SILENT MEANS THAT
SYMPTOMS WERE   PRESENT.

UNRECOGNIZED MI'S WERE DATED THE MIDPOINT BETWEEN
THE DATES OF THE DIAGNOSTIC ECG'S.

MI RECOGNIZED   IS CODED STRONGEST EVIDENCE (01>02>03).

06 AP, FIRST EPISODE DATED ONLY. IF DATE OF AP WAS
      UNAVAILABLE THEN AP WAS DATED AS MIDPOINT OF
   INTERVAL BETWEEN EXAMS OR BETWEEN HOSPITALIZATION
   AND EXAM. IF AP OCCURRED WITH MI OR CI, THEN USE SAME
   DATE AS MI OR CI. UNTIL 1987, IF AP OCCURED JUST BEFORE
      MI OR CI, THEN AP DATE WAS ASSIGNED 3 MONTHS BEFORE
      MI OR CI. IF AP OCCURRED JUST AFTER MI OR CI, THEN AP
   DATE WAS ASSIGNED 3 MONTHS AFTER MI OR CI. BEGINNING
   IN 1987, IF APPROXIMATE OR EXACT DATE OF NEW ANGINA WAS
   AVAILABLE, THEN THAT DATE WAS ASSIGNED AS DATE OF AP.

07 CI, BOTH ECG AND HISTORY DEFINITE

08 QUESTIONABLE MI AT EXAM 1, DATE SAME DATE AS EXAM 1.
   ANY QUESTIONABLE MI EPISODE AT EXAM 1: DEFINITE
   MI HISTORY   WITHOUT TRANSAMINASE OR AUTOPSY, OR
   POSSIBLE MI-ECG. DOES NOT INCLUDE QUESTIONABLE AP.

09 MI AUTOPSY, NOT A NEW EVENT. THIS IS SAME EVENT
  AS A PREVIOUSLY CODED MI (01-05).

EVENT NUMBER ON SEQUENCE OF EVENTS
_____

  10-19   CVA

        10 DEFINITE CVA AT EXAM 1, BUT QUESTIONABLE TYPE.
        11 ABI
        12 TIA (ONLY THE 1ST TIA IS CODED)
        13 CEREBRAL EMBOLISM
        14 INTRACEREBRAL HEMORRHAGE
        15 SUBARACHNOID HEMORRHAGE
        16 OTHER CVA
        19 QUESTIONABLE CVA AT EXAM 1, DATE OF EXAM 1

  20-29   DEATH

          20 DEATH, NOT REVIEWED
        21 DEATH, CHD   SUDDEN, WITHIN 1 HOUR
        22 DEATH, CHD, 1-23 HOURS, NONSUDDEN
        23 DEATH, CHD, 24-47 HOURS, NONSUDDEN
        24 DEATH, CHD, 48 HOURS OR MORE, NONSUDDEN
        25 DEATH, CVA
        26 DEATH, OTHER CVD
        27 DEATH, CANCER
        28 DEATH, OTHER CAUSES
        29 DEATH, CAUSE UNKNOWN

  30-39   IC

        30 IC, DATE MIDPOINT OF INTERVAL AS AP, ALSO
          DATE ONLY FIRST EVENT
        39 QUESTIONABLE IC AT EXAM 1, USE EXAM 1 DATE

  40-49   CHF

        40 CHF NOT HOSPITALIZED, ON EXAM OR MD NOTES
          (IF CHF FOUND ON FHS EXAM, USE FHS EXAM DATE)
        41 CHF HOSPITALIZED
        49 QUESTIONABLE CHF AT EXAM 1, USE EXAM 1 DATE

ABBREVIATIONS
CHD CORONARY HEART DISEASE
MI MYOCARDIAL INFARCTION

ECG ELECTROCARDIOGRAM
AP ANGINA PECTORIS
CI CORONARY INSUFFICIENCY
CVA CEREBROVASCULAR ACCIDENT
ABI ATHEROTHROMBOTIC INFARCTION
TIA TRANSIENT   ISCHEMIC ATTACK
CVD CARDIOVASCULAR DISEASE
IC INTERMITTANT CLAUDICATION
CHF CONGESTIVE HEART FAILURE