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SEX: sex of the participant
RACE: race of the participant
LUNG: Lung disease (1=yes, 2=no, 3=unknown)
HBP: High blood pressure (1=ves, 2=no, 3=unknown)
RHD: Rheumatic heart disease (1=yes, 2=no, 3=unknown)
CHD: Congenital heart disease (1=yes, 2=no, 3=unknown)
OHD: Other heart disease (1=yes, 2=no, 3=unknown)
SD: sugar diabetes (1=yes, 2=no, 3=unknown)
SKD: sever kidney disease (1=yes, 2=no, 3=unknown)
BD: blood disease (1=yes, 2=no, 3=unknown)
TAKE INS:insulin treatment (1=yes, 2=no, 3=unknown)
PENI: penicillin (1=yes, 2=no, 3=unknown)
HEART M: heart medicine (1=yes, 2=no, 3=unknown)
BCP: Birth control pills
MED CON: medicine for convulsion (1=yes, 2=no, 3=unknown)
SPE DIET: special diet (1=yes, 2=no, 3=unknown)
SMOKE: smoking (1=yes, 2=no, 3=unknown)
REL HH: relation to child of person completing health history form (1=mother, 2=father,
           3=guardian, 4=other)
HT M1 CM: First manual height(cm)
HT M2 CM: second manual height (cm)
WT A1: first automatic weight (kg)
HT A1 CM: first automatic height (cm)
HT A2 CM: second automatic height (cm)
WT A2: second automatic weight (kg)
WT M1A: first manual weight (whole no.)
WT M1B: first manual weight (1 decimal place)
WT M2A: second manual weight (whole no.)
WT M2B: second manual weight (1 decimal place)
ARM SF: Arm used to measured skinfold (1=right, 2=left, 9=unknown)
SF1: First skinfold (mm)
SF2 : second skinfold (mm)
SF3: third skinfold (mm)
BA: male, gynecomastia, benign adolescent (1=no, 2=right, 3=left, 4=both)
WT: male breast gynecomastia with tenderness (1=no, 2=right, 3=left, 4=both)
DIF OB: male gynecomastia diffuse due to obesity (1=no, 2=right, 3=left, 4=both)
PH: male pubic hair (stage 1-5, 9 unknown)
GEN: male genital
OTHER: male physical exam, other findings (1=normal, 2=suspicious, 3=abnormal,
         4=unknown)
BREAST R: female breast (rt.) maturation stage (stage 1-5, 9=unknown)
BREAST L: female breast (lt.) maturation stage (stage 1-5, 9=unknown)
OF R: female physical exam, other findings (rt.) (1=normal, 2=suspicious, 3=abnormal,
         4=unknown)
OF L: female physical exam, other findings (lt.) (1=normal, 2=suspicious, 3=abnormal,
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NEWID: New Random ID

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4=unknown)
F_PH: female pubic hair (stage 1-5, 9=unknown)
F_MEN: female menarchal (1=yes, 2=no)
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F\_OTHER: female physical exam, other findings (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

BRE\_GEN: active disease- breast and genitalia (male/female) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

SPH: Significant past history of disease (1=no, 3=yes, 9=unknown)

DRUG: history of drugs (1=no, 3=yes, 9=unknown)

SPEC\_D: history of special diet (1=no, 3=yes, 9=unknown)

AD: history of active disease (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

XAN: lipid xenthoma (1=no, 3=yes, 9=unknown)

ARM BP1 : arm used for blood pressure (1=left, 2=right, 9=unknown)

ARM BP2 : arm used for blood pressure (1=left, 2=right, 9=unknown)

ARM\_BP3 : arm used for blood pressure (1=left, 2=right, 9=unknown)

IMP: impetigo (1=no, 3=yes, 9=unknown)

ACNE: acne (grade 1-5)

SKIN: skin disease (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

XAN LAS: xanthelasma (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

EYES: active disease (eyes) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

ENT: active disease (ear, nose, throat) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

NECK: active disease (neck) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

PULM: active disease (lung) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

ABD: active disease (abdomen) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

C V: active disease (C-V) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

HEART: tentative diagnosis of heart (1=normal, 2=congenital, 3=rheumatic, 4=other, 9=unknown)

NODES: active disease (lymph nodes) (1=non-palpable, 2=palpable-nonsuspecious, 3=suspicious, 4=abnormal, 9=unknown)

EXTREM: active disease (extremities) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

B\_G: active disease (breast- genitalia) (1=normal, 2=suspicious, 3=abnormal, 4=unknown)

N\_A: subjective nutritional appraisal (1=normal, 2=under, 3=5%, 4=10%, 5=20%, 9=unknown)

TAG CH: physical exam, tag chart for further review (1=no, 3=yes, 9=unknown)

RAL: right arm length (cm-whole)

RAC: right arm circumference (cm-whole)

AUTO BP1: automatic blood pressure instrument (1 or 2)

AUTO BP2: automatic blood pressure instrument (1 or 2)

AUTO BP3: automatic blood pressure instrument (1 or 2)

CSS1 : Blood pressure cuff size selected (L,A,M,S,P,1-5)

CSS2: Blood pressure cuff size selected (L,A,M,S,P,1-5)

CSS3: Blood pressure cuff size selected (L,A,M,S,P,1-5)

PB1: physical behavior, first blood pressure station (1-8)

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PB2: physical behavior, second blood pressure station (1-8) PB3: physical behavior, third blood pressure station (1-8) CSU1: Blood pressure cuff size used (L,A,M,S,P,1-5) CSU2: Blood pressure cuff size used (L,A,M,S,P,1-5)
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CSU3 : Blood pressure cuff size used (L,A,M,S,P,1-5) SB11 :First systolic blood pressure reading at first station

SB12 : First systolic blood pressure reading at second station

SB13 : First systolic blood pressure reading at third station

SB21: second systolic blood pressure reading at first station

SB22: second systolic blood pressure reading at second station

SB23: second systolic blood pressure reading at third station

SB31: third systolic blood pressure reading at first station

SB32: third systolic blood pressure reading at second station

SB33: third systolic blood pressure reading at third station

DB11 : first diastolic blood pressure reading at first station

DB12: first diastolic blood pressure reading at second station

DB13: first diastolic blood pressure reading at third station

DB21 : second diastolic blood pressure reading at first station

DB22 : second diastolic blood pressure reading at second station

DB23: second diastolic blood pressure reading at third station

DB31: third diastolic blood pressure reading at first station

DB32: third diastolic blood pressure reading at second station

DB33: third diastolic blood pressure reading at third station

FP11: first blood pressure fifth phase reading at first station

FP12: first blood pressure fifth phase reading at second station

FP13 : first blood pressure fifth phase reading at third station

FP21: second blood pressure fifth phase reading at first station FP22: second blood pressure fifth phase reading at second station

FP23: second blood pressure fifth phase reading at third station

FP31: third blood pressure fifth phase reading at first station

FP32: third blood pressure fifth phase reading at second station

FP33: third blood pressure fifth phase reading at third station

ST1: first blood pressure station number

ST2 : second blood pressure station number

ST3: third blood pressure station number

FAST: fasting sample (1=no, 3=yes, 9=unknown)

TURBID: turbidity (1=no, 2=slight, 3=yes, 9=unknown)

HEMOL: hemolyzed (1=no, 2=slight, 3=yes, 9=unknown)

B\_PREB\_I : β+ PRE β LP index (3 decimal places)

B\_PREB\_C :  $\beta$ + PRE  $\beta$  LP index (mg%-whole number)

TOT\_C: total cholesterol (mg% -whole number)

TRIGLY: triglycerides (mg% -whole number)

X : β of the electrophoresis ratio\_ β/PRE β

Y : PRE  $\beta$  of the electrophoresis ratio\_ $\beta$ /PRE  $\beta$  CHYL: chylomicrons (1=no, 3=yes, 9=unknown)

MB: multiple bands (1=none, 2= $\alpha$ , 3= $\beta$ , 4=PRE  $\beta$ , 9=unknown)

HB: hemoglobin condition (1=normal, 3=abnormal, 9=unknown)

HB\_QUAN: hemoglobin quantity (g%)

AA : auto analyzer used (black=no, \*=yes)

WT\_M1: addition of segments of first manual weight to the nearest 1/10 Kg.

WT\_M2: addition of segments of second manual weight to the nearest 1/10 Kg.

SB1 : systolic blood pressure at first station (avg.)

SB2: systolic blood pressure at second station (avg.)

SB3: systolic blood pressure at third station (avg.)

DB1: diastolic blood pressure at first station (avg.)

DB2: diastolic blood pressure at second station (avg.)

DB3: diastolic blood pressure at third station (avg.)

FP1: blood pressure fifth phase at first station (avg.)

FP2: blood pressure fifth phase at second station (avg.)

FP3: blood pressure fifth phase at third station (avg.)

SYSBAUM: systolic blood pressure (avg.)

DIASBAUM: diastolic blood pressure (avg.)

PH5BAUM: blood pressure fifth phase (avg.)

A\_LP\_C : HDL-Cholesterol (mg/dL)

B LP C: LDL-Cholesterol (mg/dL)

PB\_LP\_C: VLDL-Cholesterol (mg/dL)

AGE: age (years)

HT\_M\_AVG : height (manual-avg.)

WT A AVG: weight (automatic-avg.)

WT M AVG: weight (manual-avg.)

HT\_A\_AVG: height (automatic-avg.)

HT AVG: height (avg.)

WT\_AVG: weight (avg.)

SF AVG: skinfold (avg.)

TRSF AVG: triceps skinfold (avg.)

PA HAT: parent had heart attack (1=no, 3=yes, 9=unknown)

PA STRK: parent had stroke (1=no, 3=yes, 9=unknown)

PA SD: parent had sugar diabetes (1=no, 3=yes, 9=unknown)

PA HBP: parent had high blood pressure (1=no, 3=yes, 9=unknown)

HDL C: HDL cholesterol