

CARDIA EXAM COMPONENTS — ALL YEARS

Schedule of components in the core study, substudies, and ancillary studies by CARDIA exam

	Year/Exam ¹						
	1985 0	1987 2	1990 5	1992 7	1995 10	2000 15	2005 20
CORE STUDY							
<u>BLOOD PRESSURE</u>							
Resting	X	X	X	X	X	X	X
Standing	-	X	-	-	-	-	-
Reactivity	-	X	-	-	-	-	-
<u>CHEMISTRIES</u>							
Lipids	X	X	X	X	X	X	X
Lipoproteins	X	X	X	X	X	X	X
Apoproteins	X	X	-	-	-	-	-
Cotinine	X	-	-	-	-	-	-
SMAC 12	X	-	-	-	-	-	-
Fasting Insulin	X	-	-	X	X	X	X
Fasting Glucose	X	-	-	X	X	X	X
Oral Glucose Tolerance Test	-	-	-	-	X	-	X
CBC	X	-	-	-	-	-	-
Lp(a)	-	-	X	-	-	-	-
Fibrinogen	-	-	X	-	-	-	X
DNA Storage	-	-	X	-	X	X	X
Stored Cells for Cell Immortalization	-	-	-	-	-	X	-
ApoE Phenotype	-	-	-	X	-	-	-
Stored Plasma	-	X	X	X	X	X	X
Stored Serum	X	X	X	X	X	X	X
GGT	X	-	-	-	X	-	-
Serum Creatinine	X	-	-	-	X	X	X
Urinary Creatinine	-	-	-	-	X	X	X
Uric Acid	X	-	-	-	X	X	-
C-Reactive Protein	-	-	-	X	-	X	X
Albuminuria	-	-	-	-	X	X	X
Interleukin-6	-	-	-	-	-	-	X
<u>ANTHROPOMETRY</u>							
Height	X	X	X	X	X	X	X
Weight	X	X	X	X	X	X	X
Skinfolds	X	X	X	X	X	-	-

¹ year of study indicates when original data collection occurred; assay or coding may occur later

	Year/Exam ¹						
	1985	1987	1990	1992	1995	2000	2005
	0	2	5	7	10	15	20
Chest Circumference	-	X	X	-	-	-	-
Waist Circumference	X	X	X	X	X	X	X
Hip Circumference	X	X	X	X	X	-	-
Thigh Circumference	-	-	-	X	-	-	-
Elbow Breadth	X	X	-	-	-	-	-
Shoulder Breadth	-	X	-	-	-	-	-
Sitting Height	-	X	-	-	-	-	-
Toenails	-	X	-	-	-	-	-
Eye Color	-	-	X	-	-	-	-
Skin Reflectance	-	-	-	X	-	-	-
<u>MEDICAL HISTORY</u>							
Personal History	X	X	X	X	X	X	X
Drug History	X	X	X	X	X	X	X
Death Certificate	-	X	X	X	X	X	X
Mortal Events	-	-	-	X	X	X	X
Safety Questionnaire	-	X	-	-	-	-	-
Interim Hospitalization	-	X	X	X	X	X	X
Chest Pain/Palpitations	-	-	X	-	X	-	-
Oral Contraceptive History	-	-	-	-	X	-	-
Women's Reproductive Health	-	-	-	-	-	X	X
Sleep Habits	-	-	-	-	-	X	X
Tobacco	X	X	X	X	X	X	X
Alcohol	X	X	X	X	X	X	X
Weight History	X	X	-	-	-	-	-
Sociodemographics	X	X	X	X	X	X	X
<u>FAMILY HISTORY</u>							
Questionnaire	X	-	X	-	X	-	-
<u>PHYSICAL ACTIVITY/FITNESS</u>							
7-Day Physical Activity	X	-	-	-	-	-	-
Physical Activity History	X	X	X	X	X	X	X
Graded Exercise Test	X	-	-	X	-	-	-
Baecke Questionnaire	-	-	X	-	X	-	-
Household Chores	-	-	-	X	X	-	-
<u>NUTRIENT INTAKE</u>							
CARDIA Diet History	X	-	-	X	-	-	X
Food Frequency	-	X	-	-	-	-	-
<u>OBESITY QUESTIONNAIRES</u>							
Knowledge, Attitude, Behavior	-	-	X	-	-	-	-
Self Image	-	-	-	X	-	-	-
Weight Change	-	-	-	X	X	-	-

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Dietary Practices, Behaviors, and Attitudes	-	-	-	X	X	X	X
Self-Efficacy for Eating Behavioral Scale	-	-	-	-	X	-	-
Binge Eating Disorder	-	-	-	-	X	-	-
<u>PSYCHOSOCIAL</u>							
Cook-Medley	X	-	X	-	-	-	-
Life Events	X	X	-	-	-	-	-
Social Support A	X	X	-	-	-	-	X ²
Social Support B	-	-	-	-	-	-	X
Framingham Type A	X	X	-	-	-	-	X
John Henryism	X	-	-	-	-	-	-
Type A-B Interview	X	-	-	-	-	-	-
Karasek Job Strain	-	X	-	-	X	-	-
CES-D Depression	-	-	X	-	X	X	X
Anger-In Expression	-	-	X	-	-	-	X
Speilberger Trait Anxiety	-	-	X	-	-	-	-
Discrimination	-	-	-	X	-	X	-
Chronic Burden	-	-	-	-	-	-	X
Quality of Life	-	-	-	-	-	-	X
Social Network	-	-	-	-	-	-	X
Caregiving Stress	-	-	-	-	-	-	X
Goal Striving Stress	-	-	-	-	-	-	X
Subjective Social Standing	-	-	-	-	-	-	X
Neighborhood Cohesion	-	-	-	-	-	-	X
Geocoding	-	-	-	-	X	X	X
<u>PULMONARY FUNCTION</u>							
Testing	X	X	X	-	X	-	X
Questionnaire	X	X	-	-	X	X	X
<u>ELECTROCARDIOGRAM</u>							
<u>ECHOCARDIOGRAPHY</u>							
LV Mass	-	-	X	-	-	-	-
Systolic, Diastolic Function	-	-	X	-	-	-	-
<u>CORONARY CALCIUM</u>							
<u>CAROTID IMT</u>							
<u>GENETIC STUDIES</u>							
Genotype by Environmental Interaction	-	-	-	-	-	X	X

² subset of items from this questionnaire only

	Year/Exam ¹						
	1985	1987	1990	1992	1995	2000	2005
	0	2	5	7	10	15	20
SUBSTUDIES							
Urinary Na, K, Mg, Creatinine	-	-	X	-	-	-	-
24-Hour Blood Pressure	-	-	X	-	-	-	-
Vascular Distensibility	-	-	X	-	-	-	-
Salt Taste Test	-	-	X	-	-	-	-
Urinary Catecholamines	-	-	-	X	-	-	-
Echocardiography	-	-	-	-	X	-	-
Homocysteine	X	-	-	X	-	-	-
Toenail Lead Levels	-	X	-	-	-	-	-
Hypertension in Pregnancy (HIP)	-	-	-	-	X	-	-
Vascular Resistance/Arterial Compliance ³	-	-	-	-	X	-	-
Dual Energy X-Ray Absorptiometry	-	-	-	-	X	-	-
Plasma Renin Activity ³	-	-	-	-	X	-	-
Sympathetic Nervous System ³	-	-	-	-	X	-	-
Apolipoprotein B	-	-	X	-	X	-	-
EBCT	-	-	-	-	X	-	-
Chlamydia Pneumoniae Antibody	-	-	-	-	-	X ⁴	X ⁴
Isoprostanes	-	-	-	-	-	X	-
Small Dense LDL	-	-	-	-	-	X	-
ANCILLARY STUDIES							
Na-Li Countertransport	-	X	-	-	-	-	-
AIDS Study	-	X	-	-	-	-	-
Seismocardiography	-	-	-	X	X	-	-
Injury Risk Assessment	-	-	X	-	-	-	-
Bioelectrical Impedance	-	-	X	-	-	-	-
Clotting Factors	-	X	X	X	-	-	-
Bone Mass	-	-	-	X	X	X	-
Apo(a) Genotype	-	-	-	-	X	-	-
Lp(a) Isoforms	-	-	-	X	-	-	-
Visceral Fat	-	-	-	-	X	X	-
Gene Environment Interactions	-	-	X	-	-	-	-
ACE/AGT Genotyping	-	-	X	-	-	-	-
Leptin	-	X	-	-	X	-	-
Serum Steroid Hormone and Binding Protein	-	X	X	X	X	-	-

³ substudies conducted in same subsample of participants

⁴ possible case-control studies

	Year/Exam ¹						
	1985	1987	1990	1992	1995	2000	2005
	0	2	5	7	10	15	20
Carotenoids	X	-	-	X	X	X	-
Tocopherals	X	-	-	X	X	X	-
Ascorbic Acid	-	-	-	-	X	X	-
Adiponectin	-	-	-	-	-	X	-
Paraoxonase	-	-	-	-	-	X	-
Platelet Agregating Factor Acetylhydrolase	-	-	-	-	-	X	-
SICAM-1	-	-	-	-	-	X	-
Soluble P-selectin	-	-	-	-	-	X	-
Urinary 8-Hydroxydeoxyguanosine	-	-	-	-	-	X	-
Chlorotyrosine	-	-	-	-	-	X	-
Nitrotyrosine	-	-	-	-	-	X	-
Superoxide Dismustase	-	-	-	-	-	X	-
Interleukin-6	-	-	-	-	-	X ⁴	-
HbA1c	-	-	-	-	-	-	X
Physical Activity Recall	-	-	-	-	-	X	-
Discrimination	-	-	-	-	-	X	-
Depressive History	-	-	-	-	-	X	-
Sleep	-	-	-	-	-	X	-
Chronic Burden	-	-	-	-	-	X	-
Quality of Life	-	-	-	-	-	X	-
Childhood Environment	-	-	-	-	-	X	-
Social Support B	-	-	-	-	-	X	-
Social Network	-	-	-	-	-	X	-
Life Orientation	-	-	-	-	-	X	-
Anger-out	-	-	-	-	-	X	-
Reactive Responding	-	-	-	-	-	X	-
Personal Mastery	-	-	-	-	-	X	-
Subjective Social Standing	-	-	-	-	-	X	-
Optimism	-	-	-	-	-	X	-
Transvaginal Ultrasound	-	-	-	-	-	X ⁵	-
FSH	-	-	-	-	-	X ⁵	-
LH	-	-	-	-	-	X ⁵	-
Total Testosterone	-	X ⁵	-	-	X ⁵	X ⁵	-
Free Testosterone	-	X ⁵	-	-	X ⁵	X ⁵	-
SHBG	-	X ⁵	-	-	X ⁵	X ⁵	-
TSH	-	-	-	-	-	X	-
17OH Progesterone	-	-	-	-	-	X	-

⁵ measured at Y2, Y10, Y16 on 1163 women

	Year/Exam ¹						
	1985	1987	1990	1992	1995	2000	2005
	0	2	5	7	10	15	20
Prolactin	-	-	-	-	-	X	-
Interleukin-6	-	-	-	-	-	X	-
Anthropometrics	-	-	-	-	-	X	-
Blood Pressure	-	-	-	-	-	X	-
Body Fat (MRI)	-	-	-	-	-	X	-
Medical History (+ Women's, Meds)	-	-	-	-	-	X	-
Substance Use	-	-	-	-	-	X	-
Lipids, Insulin, Glucose	-	-	-	-	-	X	-
Graded Exercise Test	-	-	-	-	-	-	X
24-Hour Activity Monitor	-	-	-	-	-	-	X
Dual Energy X-Ray Absorptiometry (full-body)	-	-	-	-	-	-	X
Electrocardiogram (resting)	-	-	-	-	-	-	X