

Supplementary data: **Cohort profile: The LipidCardio Study - Role of Lipoproteins in Cardiovascular Disease**

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Supplementary Table 1. Summary of items available in the LipidCardio Study

Item	N	Source	Method/Commentary
Sex, Age, Ethnic group	1,005	Face-to-face interview	n.a.
Previous diagnoses/personal history/allergies	1,005	Electronic medical record	more than 200 items
Coronary angiography information	1,005	coronary angiography	
Sodium (mmol/l)	956	Laboratory analysis	see
Potassium (mmol/l)	962		http://www.laborberlin.com/leistungsverzeichnis
Calcium(mmol/l)	207		
LDL-C (mg/dl)	964		
HDL-C (mg/dl)	961		
TC (mg/dl)	731		
HbA1c (%)	983		
Creatinine (mg/dl)	972		
ASAT (U/L)	707		
ALAT (U/L)	715		
gGT (U/L)	215		
aPTT (sec.)	806		
INR	945		

CRP (mg/L)	705		
Glucose (mg/dl)	753		
Lp(a) (nmol/L)	968		
ApoB (g/L)	956		
ApoA1 (g/L)	955		
TSH (mU/L)	906		
Troponin T hs (ng/L)	380		
CK (U/L)	737		
CK-MB (U/L)	676		
NT-proBNP (ng/L)	223		
Hemoglobin (g/dL)	972		
Platelets (/nl)	984		
Leukocytes (/nl)	984		
DNA	948	selected SNPs have already been genotyped	
Leukocyte telomere length	948		
DNA methylation age	779		
Ejection fraction (%)	805	Echocardiography	Echocardiograph y
Septal diameter, diastolic (mm)	761	Echocardiography	Echocardiograph y
Diastolic dysfunction (yes/no)	787	Echocardiography	Echocardiograph y
Aortic valve stenosis (yes/no)	821	Echocardiography/Elect ronic medical record	Echocardiograph y
Medication (prescription and non-	1005	Electronic medical	

prescription drugs, including daily doses)		record	
Height (cm)	914	self-reported, face-to-face interview	
Weight (kg)	913	self-reported, face-to-face interview	
BMI (kg/m ²)	913	calculated	
Waist circumference (cm)	852	clinical examination	measured in light clothes and standing position
Hip circumference (cm)	851	clinical examination	measured in light clothes and standing position
PWA (Pulse wave velocity, Augmentation @75 Index (Alx@75), Stroke Volume, Cardiac Output, Vascular Resistance)	615	clinical examination	Mobil-O-Graph®
Blood pressure (mm Hg)	908	clinical examination	BOSO medicus uno® 2 measurements (right arm, left arm)
Hand grip strength (kg)	884	clinical examination	Smedley Dynamometer (Saehan, Type SH5002); 3 measurements on both arms each
Smoking (Start date, Stop date,	900	Face-to-face interview	

Pack years)			
Alcohol	888	Face-to-face interview	
Family health history including family tree	896	Face-to-face interview	
MMSE	830	Face-to-face interview	
Food preferences questionnaire	807	Questionnaire	
RAPA	847	Questionnaire	
Seattle Angina Questionnaire	697	Questionnaire	

Notes: Fluctuating of numbers is due to the fact that parts of the data were taken from the clinical routine if they were available, and logistical reason (e.g. questionnaires).

Supplementary Table 2: APOE genotypes and the resulting isoforms (N=893).

rs7412	rs429358	APOE isoforms	N (%)
TT	TT	E2/E2	5 (0.5)
CT	TT	E2/E3	104 (11.4)
CT	CT	E2/E4	12 (1.3)
CC	TT	E3/E3	574 (63.1)
CC	CT	E3/E4	193 (21.2)
CC	CC	E4/E4	22 (2.4)