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STUDY of WOMEN'S HEALTH ACROSS the NATION

CARDIOVASCULAR MEASURES

LONGITUDINAL STORED SAMPLES

CODEBOOK

ARCHIVED DATASET 2019

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DOCUMENTATION FOR THE PUBLIC-USE SWAN LONGITUDINAL CARDIOVASCULAR STORED SAMPLES RESULTS DATA SET

This codebook documents the freezing of all the cardiovascular inflammatory markers stored samples data for the subset of the original cohort still participating in the SWAN longitudinal study from the seven clinical sites. The sites include Boston, MA, Pittsburgh, PA, Oakland and Los Angeles, CA, Detroit, MI, Newark, NJ, and Chicago, IL.

Who is included in this frozen data set:
All participants currently active in the cohort who participated in blood draws over time are included in this frozen data set. Represented in the data are assay results from a total of 6,980 stored samples collected at Visits 01-13 from the SWAN cohort. The stored samples were obtained from the SWAN repository and were analyzed between 2015-2018 by the Central Ligand Assay Satellite Services (CLASS) laboratories.

NOTE:
- Calibrations were applied to IL-6 results. In addition, the lower level of detection (LLD) samples were rerun. The LLD rerun samples did not require calibration, however the original samples required a calibration that was log transformed, and the result then back transformed after calibration.
- All duplicate results were averaged. 52 duplicates were present in the stored samples, and 8 were present in the IL-6 LLD results.

Variables included in the datasets:

The frozen data set contains information on the following analytes results:

Variable	Description	Range	Units
IL6RES	IL-6	(0.78, 100)	pg/ml
MCP1RES	Monocyte Chemoattractant Protein-1	(15.7, 2000)	pg/ml
ENDORES	Endothelin-1	(0.39, 25)	pg/ml

Note: The ranges for analytes were used to identify 'unusual' values in the dataset. In the case of the longitudinal checks, we have identified unusual cases based on the distribution of the data. No flags were set to indicate the values identified by longitudinal checks.