

The MURDOCK Study Community Registry and Biorepository is a 12,526-participant community-based longitudinal cohort recruited from a 20-Zip Code region in the Southeastern United States (U.S.) that is centered in the city of Kannapolis, NC and encompasses Cabarrus County, NC.

Creation of the cohort was funded by a gift to Duke University from the David H. Murdock Institute for Business and Culture, with operational support from Duke's Clinical and Translational Science Award (CTSA) grant (UL1TR002553) and the Duke Clinical and Translational Science Institute (CTSI).

Managed by **UME** Clinical & Translational Science Institute

Consenting participants complete a baseline health questionnaire at enrollment, as well as a brief physical exam and collection of blood and urine. Consent includes permission to access to information from medical records, storage of collected samples in the biorepository, access to collected data and biospecimens for future approved research studies and contact regarding new research study opportunities.

Data have been organized into "storefronts" that summarize characteristics of a population of research interest as well as available data and samples for that population. The following sections summarize the sources of data in the MURDOCK Study database, as well as important descriptions and definitions to help understand the data presented in the "storefronts".

1 Participant self-reported data at baseline. The baseline questionnaire collects contact information, current residential street address, and primary physician; alternate contact information; date and place of birth; demographics; current or past diagnosis of 34 medical conditions; menopausal status in women; medications, vitamins and supplements; dietary and physical activity assessment; hours of sleep per night; tobacco and alcohol use; second-hand smoke exposure; and selected PROMIS® participant-reported outcomes domains. Socioeconomic data collected at baseline included marital status, highest level of education of participant and participant's mother and father, employment status, mother's and father's occupations, housing (type, how paid for, number of adults and children in the household) and total household income. In addition, a brief physical exam (vital signs, height, weight, and waist circumference) was conducted at enrollment.

Medical conditions: "Do you have, or have you ever had, any of the following [medical conditions]?" (yes, no, don't know). Counts are unique participants reporting yes to specific condition. Medications: "Please list any pharmaceutical and/or natural medications (including vitamins) that you are currently taking." Data are captured in free-text format as written by the participant and coded using RxNorm. Summary metrics are based on everything reported. Top 5 reported medications are limited to reported prescriptions.

2 Biorepository samples. Blood was collected at baseline and processed into the following specific samples: whole blood in EDTA for DNA extraction, whole blood in PAXgene for RNA extraction, plasma, serum and buffy coat in cryovials. Urine was collected and aliquoted in cryovials. Sample collection was not done systematically for MURDOCK enrollees; however, some nested sub cohorts and other studies enrolling MURDOCK registry participants include sample collection at follow up time points. All samples are stored at -80°C in a central biorepository current managed by Fisher BioServices, a division of Thermo Fisher Scientific, under a contractual agreement with Duke University.

Samples in inventory: Data are summarized by sample type as well as specific container and size. Participant counts are unique individuals with one ore more aliquots. Aliquot counts are all unique samples for a given type and container, size. Freezers is a calculation of approximate storage requirements based on sample type/size, box size, and number of boxes that can be stored per freezer.

3 Participant self-reported changes in health via annual follow up. Participants are asked to complete a follow-up form once a year around the time of their original enrollment date. Participants may update contact information, primary care physician/practice and alternate contact. PROMIS domains are repeated at each annual time point in order to capture changes in participant-reported outcomes over time. The form collects new incidence/diagnosis of the same 34 medical conditions surveyed at baseline. Hospitalizations during the past year are collected along with reason, as well as specific medical procedures. Participants may update their medication list to reflect current medications, vitamins and supplements being taken at the time of follow up form completion.

Vital status: Death reported by family member or alternate contact is confirmed by obituary as the primary source. Cause of death is not captured. Follow-up metrics: Follow-up is defined as complete if participant fills out the survey online or by mail or phone. Completeness is measured as surveys completed relative to years eligible to complete follow-up. Medical conditions: "Please indicate if you have received a new diagnosis of any of the following medical conditions in the past year (yes, no, don't know)". Counts and percentages are unique participants reporting yes to specific condition in follow-up for participants that did NOT report yes at baseline. Procedures: "Please indicate if you have any of the following medical procedures in the past year". Counts are unique participants reporting the specified procedure one or more times during follow up. Hospitalizations: Participants are asked to report if they have been hospitalized within the last year, for each hospitalization they are asked to list reason(s) for hospitalization, admission date and hospital name. Reasons for hospitalization. Medications: (see note above for medications reported at baseline). The denominator for data based on last follow-up are participants with at least one follow-up survey complete.

4 Electronic health record (EHR) data from regional healthcare providers. Duke has partnered with regional healthcare providers to integrate data from EHR systems for consented MURDOCK Study participants. Participants are identified in EHR systems with robust matching algorithms using common identifiers from the MURDOCK and EHR databases. Data are transferred under a data use agreement (DUA) with the specific provider organization which specifies the scope of data and frequency of transfers. Data availability vary by participant and depend on whether or not a participant has had one or more encounters with the healthcare provider system during the time period included in the dataset.

Available EHR datasets: Data are summarized by healthcare provider organizations. Counts are unique participants with one or more ICD codes in the EHR dataset. Available EHR domains: Data area summarized by domain in the EHR dataset. Counts are unique participants with one of more records (rows of data) for the specified domain. Insights from available EHR data: Specific EHR data related to the population of research interest is presented with granularity when possible.

5 Additional data collection from studies with MURDOCK participants. MURDOCK Study participants may be recruited to enroll in additional research study opportunities by Duke researchers or other collaborators. Data sharing is a condition of collaboration with with the MURDOCK Study; therefore, data collected from MURDOCK Study participants and/or generated from biospecimens as part of additional research studies is returned for integration with all other MURDOCK registry data.

"Storefronts" for nested sub-cohorts summarize surveys, assessments and/or other data collected specifically as part of enrollment and participation in the study. **Samples in inventory**: Samples are summarized if collected (see note above for samples collected at baseline). **Participation in other studies**: Counts are participants from the population of research interest enrolled in the specified study listed. *Brief descriptions of relevant studies are listed along with a summary of study procedures and/or data collected*.



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MURDOCK Study participants with cardiovascular disease, N=2,931

Participant self-reported characteristics at MURDOCK Study enrollment (baseline, [February 2009 - February 2018])

CVD Phenotypes in the MURDOCK St	udy
Atrial fibrillation	1,136
Heart failure	657
Peripheral arterial disease	83
Stroke	728
Demographics at baseline	
Age	Baseline
Median (25 th , 75 th)	65 (56, 73)
Min, Max	<18, 90+
Sex	
Female	1,572 (54%)
Male	1,359 (46%)
Race	
American Indian & Alaska Native	10 (<1%)
Asian	5 (<1%)
Black or African American	334 (11%)
Native Hawaiian & Other Pacific Islande	r 1 (<1%)
White/Caucasian	2,435 (83%)
Other	72 (2%)
Multiple	58 (2%)
Don't know/Not sure/Not answered	14 (<1%)
Ethnicity	
Hispanic or Latino	115 (4%)
Non-Hispanic or Latino	2,767 (94%)
Don't know/Not sure/Not answered	49 (2%)
Smoking history at baseline	
Smoked	
omoked	1,577 (54%)
Never smoked	1,577 (54%) 1,330 (45%)
Never smoked Don't know, no response	1,330 (45%) 24 (1%)
Never smoked	1,330 (45%) 24 (1%) eported at baseline
Never smoked Don't know, no response Current or prior medical conditions re	1,330 (45%) 24 (1%) eported at baseline
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list	1,330 (45%) 24 (1%) ported at baseline led by descending frequency
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure	1,330 (45%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%)
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure High cholesterol	1,330 (45%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,746 (60%)
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity	1,330 (45%) 24 (1%) ported at baseline bed by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%)
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis	1,330 (45%) 24 (1%) 24
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression	1,330 (45%) 24 (1%) ported at baseline led by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%)
Never smoked Don't know, no response Current or prior medical conditions re 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes	1,330 (45%) 24 (1%) 29 ported at baseline led by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%)
Never smoked Don't know, no response Current or prior medical conditions , list Aligh blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease	1,330 (45%) 24 (1%) 29 ported at baseline feed by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%)
Never smoked Don't know, no response Current or prior medical conditions, list 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina	1,330 (45%) 24 (1%) 29 ported at baseline ed by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%)
Never smoked Don't know, no response Current or prior medical conditions, list 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ied by descending frequency 1,772 (60%) 1,774 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%)
Never smoked Don't know, no response Current or prior medical conditions, list 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,774 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 454 (15%)
Never smoked Don't know, no response Current or prior medical conditions, list 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation Thyroid disease Osteoporosis/Osteopenia Asthma	1,330 (45%) 24 (1%) 24 (1%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,774 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 454 (15%) 431 (15%)
Never smoked Don't know, no response Current or prior medical conditions, list <i>20 of 34 solicited medical conditions, list</i> High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation Thyroid disease Osteoporosis/Osteopenia Asthma Stroke	1,330 (45%) 24 (1%) 24 (1%) 24 (1%) ported at baseline ied by descending frequency 1,772 (60%) 1,772 (60%) 1,774 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 431 (15%) 360 (12%)
Never smoked Don't know, no response Current or prior medical conditions, list 20 of 34 solicited medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation Thyroid disease Osteoporosis/Osteopenia Asthma Stroke Rheumatoid arthritis	1,330 (45%) 24 (1%) 24 (1%) pported at baseline led by descending frequency 1,772 (60%) 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 431 (15%) 360 (12%) 331 (11%)
Never smoked Don't know, no response Current or prior medical conditions, list <i>20 of 34 solicited medical conditions, list</i> High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation Thyroid disease Osteoporosis/Osteopenia Asthma Stroke Rheumatoid arthritis Emphysema or "COPD"	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ied by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 454 (15%) 360 (12%) 331 (11%) 293 (10%)
Never smokedDon't know, no responseCurrent or prior medical conditions, list20 of 34 solicited medical conditions, listHigh blood pressureHigh cholesterolObesityOsteoarthritisDepressionDiabetesCoronary artery diseaseHeart attack or anginaSkin cancer, not melanomaAtrial fibrillationThyroid diseaseOsteoporosis/OsteopeniaAsthmaStrokeRheumatoid arthritisEmphysema or "COPD"Congestive heart failure	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 431 (15%) 360 (12%) 331 (11%) 293 (10%) 291 (10%)
Never smoked Don't know, no response Current or prior medical conditions, list High blood pressure High cholesterol Obesity Osteoarthritis Depression Diabetes Coronary artery disease Heart attack or angina Skin cancer, not melanoma Atrial fibrillation Thyroid disease Osteoporosis/Osteopenia Asthma Stroke Rheumatoid arthritis Emphysema or "COPD" Congestive heart failure Gout	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 431 (15%) 360 (12%) 331 (11%) 293 (10%) 291 (10%)
Never smokedDon't know, no responseCurrent or prior medical conditions, list20 of 34 solicited medical conditions, listHigh blood pressureHigh cholesterolObesityOsteoarthritisDepressionDiabetesCoronary artery diseaseHeart attack or anginaSkin cancer, not melanomaAtrial fibrillationThyroid diseaseOsteoporosis/OsteopeniaAsthmaStrokeRheumatoid arthritisEmphysema or "COPD"Congestive heart failure	1,330 (45%) 24 (1%) 24 (1%) ported at baseline ted by descending frequency 1,772 (60%) 1,746 (60%) 915 (31%) 846 (29%) 806 (27%) 776 (26%) 711 (24%) 689 (24%) 566 (19%) 542 (18%) 479 (16%) 431 (15%) 360 (12%) 331 (11%) 293 (10%) 291 (10%)

-	baseline, [February	2003 - 1 601		2])	
Education at					
-	n school graduate			258 (9%)	
-	raduate, equivalent		709 (24%)		
Some college	ne college or associates degree 1,105 (38				
Bachelor's deg	•			518 (18%)	
Master's or hig	gher professional deo	gree		337 (11%)	
Income at ba	seline				
Under \$10,00	0			197 (7%)	
\$10,000-29,99	99			645 (22%)	
\$30,000-49,99	99			562 (19%)	
\$50,000-69,99	99			452 (15%)	
\$70,000-89,99	99			290 (10%)	
\$90,000 or mo	ore			478 (16%)	
Don't know, n	o response			307 (10%)	
Body mass ir	ndex (BMI) at baseli	ne			
<18.5 (underw	/eight)			33 (1%)	
18.5 - 24.9 (no	ormal weight)			680 (23%)	
25 - 29.9 (ove	rweight)			1,056 (36%)	
30+ (obese)				1,153 (39%)	
Exercise at b	aseline				
Little to no phy	ysical activity			1,331 (45%)	
Weekend light	t exercise			397 (14%)	
Moderate activity 3x per week			805 (27%)		
Heavy activity				216 (7%)	
Heavy activity	5x per week			160 (5%)	
Medications,	vitamins, suppleme	ents at basel	ine		
Median (25 th ,				8 (5, 12)	
10+ reported,				1,225 (42%)	
	ed medications (cod	ded)		, , ,	
Lisinopril	· · · · · · · · · · · · · · · · · · ·			671 (23%)	
Simvastatin				549 (19%)	
Metoprolol				532 (18%)	
	Dmeprazole			524 (18%)	
Hydrochloroth		collected at I	haaalina f	466 (16%)	
	rently in inventory (• •	
Sample	Container, Size	Participants	•		
Plasma	Cryovial, 0.5 mL	2,679	30,065	0.530	
Serum	Cryovial, 0.5 mL	2,706	21,395	0.377	
Whole blood	Cryovial, 5.0 mL PAXgene RNA	2,423	2,423	0.085	
	Vacutainer, 2.0 mL	2,496	5,254	0.306	
Buffy coat		1,160	1,742	0.051	
Urine	Cryovial, 2.0 mL	0	0	0.000	
Onne	Cryovial, 0.5 mL	8	8	0.000	
Total	Cryovial, 10.0 mL	2,519	2,519	0.200	
IUIAI			63,406	1.549	



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MURDOCK Study participants with cardiovascular disease, N=2,931

Participant status and data from MURDOCK Study follow-up surveys and electronic health records

	Participant status	s and da	la irom w	URD	OCK SIL	
Participant	vital status					
Alive				2,1	22 (72%)	
Deceased				8	09 (28%)	
Current Ag	e				Current	
Median (25	th , 75 th)			74 (65, 81		
Min, Max					27, 90+	
Follow-up	metrics, study participati	on				
	h, 75 th) months since enrol		1	51 (1	32, 166)	
Median (25 ^t	th , 75 th) years since enrollm	nent			8 (11, 14)	
	^h , 75 th) annual follow-ups o				7 (3, 11)	
	pleteness of follow-up, n/N		19.143/	27.07	71 (71%)	
	e (1) follow-up survey comp				64 (91%)	
	etion (n, %)		·)		72 (33%)	
	eted follow-up ≤ 18 months				25 (38%)	
	one or more other studies				33 (52%)	
				1,00	50 (0270)	
Any source	HR datasets by source (a	any ICD	coae)	1 2	82 (47%)	
Novant Hea	Ith				. ,	
	ealth Alliance				24 (35%)	
		antara		42	28 (15%)	
	owan Community Health C	enters			95 (3%)	
	ealth Center				14 (0%)	
Community					11 (0%)	
Atrium (Care	olinas Healthcare)				0	
	HR data domains					
Diagnoses					32 (47%)	
Labs					00 (38%)	
Vitals					34 (35%)	
Medications	3				93 (37%)	
Allergies				63	35 (22%)	
Immunizatio	ons			50	05 (17%)	
Problems				88	34 (30%)	
Procedures				69	98 (24%)	
Hospitalizat	ions			54	48 (19%)	
Insights fro	om available EHR data					
Date range:	July 1993 (first encounter), Aug. 2	022 (last e	encou	inter)	
	days between first and last					
Median (25	th , 75 th)		1,904 (226		,	
Min, Max					0, 10552	
Phecode	Description	Group			n, ppts	
401.1	Essential hypertension		ry system		457	
272.1	Hyperlipidemia		ocrine/metabolic 452			
250.2	Type 2 diabetes		ne/metabo		209	
411.4	Coronary atherosclerosis	circulatory system 175				
530.1						
261.4	Vitamin D deficiency	endocrir	ie/metabo	lic	140	
Test	oratory tests	1.	be	Part	icinante	
			986			
		766				
	Basic Metabolic Panel 4,4					
.,			970			
			365			
Hemoglobin A1C 3,166 559						
- 3 %		J,				

New medical condition diagnoses rep 17 of 34 solicited medical conditions, listed	
Atrial fibrillation	565 / 2,389 (24%
Osteoarthritis	508 / 2,085 (24%
Coronary artery disease	489 / 2,220 (22%
High cholesterol	382 / 1,185 (32%
Rheumatoid arthritis	362 / 2,600 (14%
Skin cancer, not melanoma	349 / 2,365 (15%
Congestive heart failure	340 / 2,640 (13%
Stroke	337 / 2,571 (13%
Osteoporosis/Osteopenia	331 / 2,477 (13%
High blood pressure	327 / 1,159 (28%
Heart attack or angina	326 / 2,242 (15%
Emphysema or "COPD"	266 / 2,638 (10%
Depression	266 / 2,125 (13%
Thyroid disease	251 / 2,452 (10%
Diabetes	250 / 2,155 (12%
Obesity	248 / 2,016 (12%
Kidney disease	226 / 2,804 (8%
	22072,004 (070
Procedures reported in follow up	0.400 (7.40)
CT or MRI scan	2,169 (74%
Chest x-ray	1,974 (67%
Joint x-ray	1,693 (58%
Heart/cardiac stress test	1,473 (50%
Heart/cardiac catheterization	746 (25%
Joint replacement	538 (18%
Heart/cardiac angioplasty or stent	458 (16%
Coronary artery bypass surgery	205 (7%
Hospitalizations reported in follow up	
Participants reporting 1 or more hospital	
Unique hospitalizations reported	3,27
Median (25 th , 75 th) hospitalizations repo	
Coded reasons for self-reported hospita listed in descending frequency	lization Events Participant
Uncoded	2,288 1,13
Surgery	404 30
Knee Replacement	245 18
Stroke	240 19
AFIB	223 16
Body mass index (BMI) at most recen	
<18.5 (underweight)	49 (2%
18.5 - 24.9 (normal weight)	718 (27%
25 - 29.9 (overweight)	958 (36%
30+	938 (35%
Medications, vitamins, supplements a	
Median (25 th , 75 th) reported	8 (5, 12
10+ reported, n (%)	1,000 (34%
Top 5 reported medications	.,
Atorvastatin	675 (23%
Metoprolol	637 (22%
Lisinopril	487 (17%
Cholecalciferol	486 (17%
Levothyroxine	466 (16%
Lovouryronno	400 (10%



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MURDOCK Study participants with cardiovascular disease, N=2,931

Cardiovascular disease phenotypes in the MURDOCK Study

Atrial fibrillat	ion			n=1,136
Source of dia	ignosis			
Self-report onl	ly			1,016
Self-report & E	EHR			91
EHR only				29
Samples curr	rently in inventory (collected at I	baseline t	ime point)
Sample	Container, Size	Participants	Aliquots	Freezers
Plasma	Cryovial, 0.5 mL	1,046	11,479	0.202
Serum	Cryovial, 0.5 mL	1,047	8,089	0.143
	Cryovial, 5.0 mL	950	950	0.034
Whole blood	PAXgene RNA	973	1,964	0.115
	Vacutainer, 2.0 mL	412	617	0.018
Buffy coat	Cryovial, 2.0 mL	0	0	0.000
Urine	Cryovial, 0.5 mL	5	5	0.000
	Cryovial, 10.0 mL	975	975	0.077
Total			24,079	0.589

	-			
Heart failure				N=657
Source of dia	ignosis			
Self-report on	ly			593
Self-report & E	EHR			38
EHR only				26
Samples curi	rently in inventory (collected at I	baseline t	ime point)
Sample	Container, Size	Participants	Aliquots	Freezers
Plasma	Cryovial, 0.5 mL	607	6,811	0.120
Serum	Cryovial, 0.5 mL	605	4,599	0.081
	Cryovial, 5.0 mL	521	521	0.018
Whole blood	PAXgene RNA	564	1,176	0.069
	Vacutainer, 2.0 mL	248	370	0.011
Buffy coat	Cryovial, 2.0 mL	0	0	0.000
Urine	Cryovial, 10.0 mL	559	559	0.044
Total			14,036	0.343

Stroke				n=728
Source of dia	gnosis			
Self-report onl	у			667
Self-report & E	EHR			30
EHR only				31
Samples curr	ently in inventory (collected at I	baseline t	ime point)
Sample	Container, Size	Participants	Aliquots	Freezers
Plasma	Cryovial, 0.5 mL	662	7,294	0.129
Serum	Cryovial, 0.5 mL	664	5,229	0.092
	Cryovial, 5.0 mL	593	593	0.021
Whole blood	PAXgene RNA	617	1,298	0.076
	Vacutainer, 2.0 mL	295	422	0.012
Buffy coat	Cryovial, 2.0 mL	0	0	0.000
Urine	Cryovial, 0.5 mL	1	1	0.000
	Cryovial, 10.0 mL	622	622	0.049
Total			15,459	0.379

Peripheral ar	terial disease			n=83
Source of dia	agnosis			
Self-report on	ly			14
Self-report & I	EHR			1
EHR only				68
Samples cur	rently in inventory (collected at I	baseline t	ime point)
Sample	Container, Size	Participants	Aliquots	Freezers
Plasma	Cryovial, 0.5 mL	77	826	0.015
Serum	Cryovial, 0.5 mL	80	591	0.010
	Cryovial, 5.0 mL	61	61	0.002
Whole blood	PAXgene RNA	75	155	0.009
	Vacutainer, 2.0 mL	28	42	0.001
Buffy coat	Cryovial, 2.0 mL	0	0	0.000
Urine	Cryovial, 10.0 mL	73	73	0.006
Total			1,748	0.043
			.,0	0.0.0