

DATABASE AND INFORMATICS DATA COLLECTION

Types of data collected:

Demographic: date of birth, sex, race, SSN, address, marital status

Therapeutic: ARVs dose, frequency, route, start/stop dates, refills

Concurrent treatments: All non-ARV drugs dose, frequency, route, start/stop dates, refills, and reasons for treatment discontinuation

Laboratory (HIV associated): HIV RNA, CD4 (%)

Laboratory (non-HIV associated): All other laboratories including blood counts, chemistries, lipid profiles, viral hepatitis serologies, toxoplasma serologies, etc.

Clinical (HIV/AIDS events): date of HIV diagnosis, OIs with date of diagnosis, current state of activity of diagnosis and if no longer active the reason for inactivity is captured (e.g, resolved, chronic problem / inactive, etc), date and cause of death

Clinical (other events): all co-morbid conditions and capacity for physical activity

Socioeconomic: education, employment status, employer name

Health services utilization and admin: primary and secondary insurance, co-payment requirement, visits kept, no shows, cancellations, social services, home health, hospitalization (within UAB healthcare system), other provider visits (within UAB healthcare system)

Adherence: self-report

Other: patient-based metrics including EuroQOL, HIV Symptoms Index, FRAM, ACTU-4, PHQ, AUDIT-C/ASSIST

Data collection interval: *Follow-up interval:* 3-4 months, *Interval of CD4 and viral load determination:* 3-4 months

Data collection methodology: Pre-2004, prospective data collected through in-person interviews, prospective (daily) medical record abstraction by trained study personnel, computerized questionnaires. Post-2004, real-time data collection through a client-server based point-of-care EMR system.

Data quality: Pre-2004, monthly quality monitoring and review. Post-2004, continuous quality improvement (CQI) with daily review of provider entered data.

Population characteristics:

		Population from 1995		Active Population	
		n = 3865		n = 1273	
Age (years)	Median	43		43	
	Range	(19, 89)		(20, 77)	
Gender (n, %)	Male	2885	74.6%	964	75.7%
	Female	980	25.4%	309	24.3%
Race/Ethnicity (n, %)	Caucasian	1804	46.7%	668	52.5%
	African American	1972	51.0%	579	45.5%
	Hispanic	41	1.1%	15	1.2%
	Other	48	1.2%	11	0.9%

Reported mode of acquisition (n, %)					
MSM	967	25.0%	568	44.6%	
MSM/IDU	78	2.0%	44	3.5%	
IDU	142	3.7%	64	5.0%	
Transfusion/Hemophiliac	77	2.0%	48	3.8%	
Occupational	3	0.1%	3	0.2%	
Heterosexual	569	14.7%	330	25.9%	
Other/Unknown	2029	52.5%	216	17.0%	
AIDS at last follow-up	n (%)	861	22.3%	325	25.5%
CD4 at last follow up					
Median	348		408		
Range	(0, 2121)		(0, 1779)		
HIV-1 RNA at last follow up					
Median	706		60		
Range	(6, 11,653,747)		(49, 2,167,105)		
Hepatitis B ever at last follow up					
n (%)	144	3.7%	76	6.0%	
Hepatitis C at last follow up					
n (%)	245	6.3%	151	11.9%	
On ARV at last follow up					
n (%)	1535	39.7%	1034	81.2%	
Death					
n (%)	557	14.4%	NA		
Prospective follow up (years)					
Median	5.2		1.7		
Range	(0, 17.3)		(0, 11.2)		