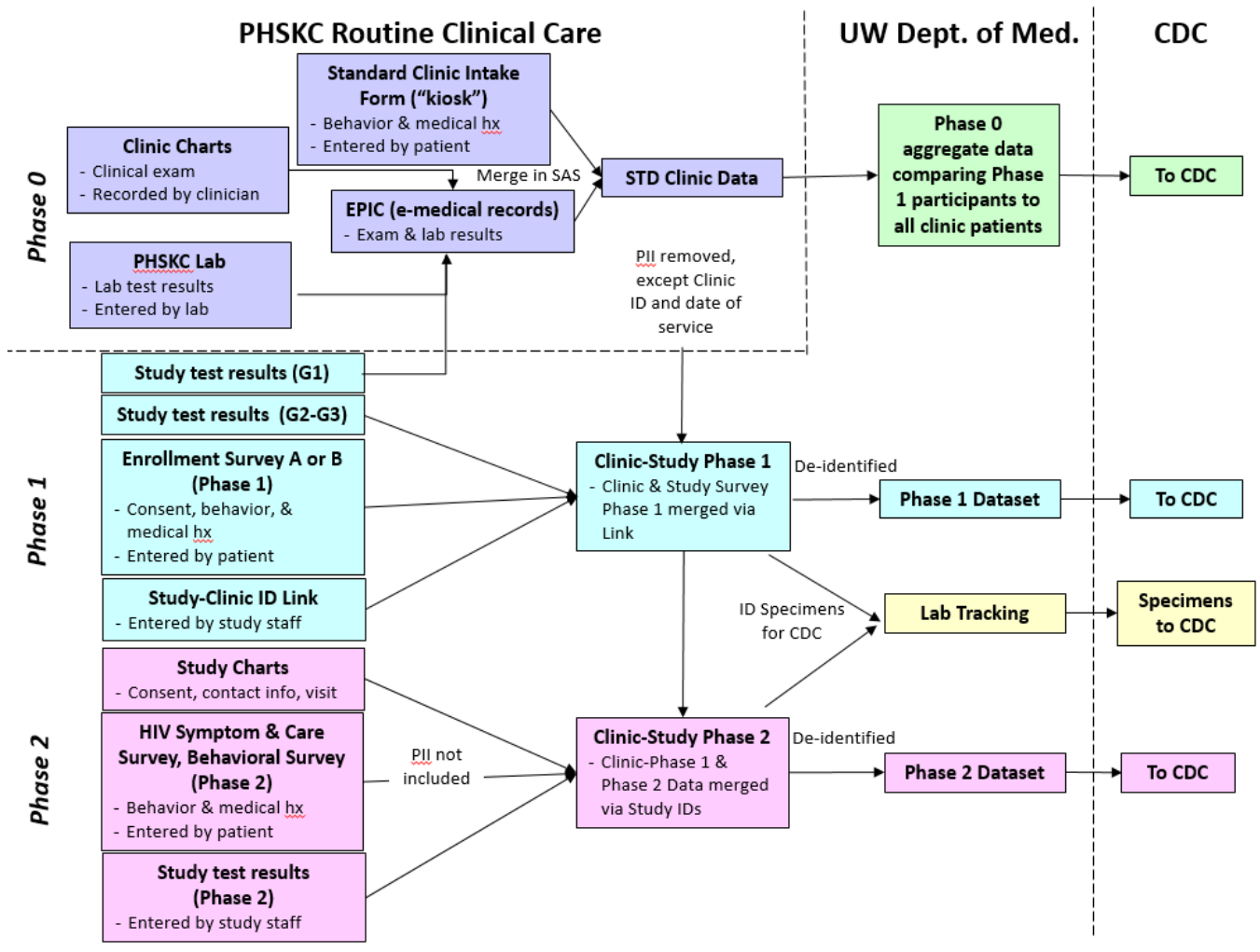


**Identification of Behavioral and Clinical Predictors of Early HIV
Infection**

(Project DETECT)

Attachment 13: Supplemental Study Information

Figure A: Project DETECT data flow diagram



Phase 0 consists of data collected as part of routine medical care from the PHSKC clinic, including clinical exam data, lab results, and behavioral data obtained during clinic intake. Phase 0 data will be de-identified, aggregated and sent to CDC to compare project participants to the overall clinic population. Phase 1 data will be collected as part of study participation and include consent, study test results, and enrollment survey data (enrollment survey A or B, depending upon whether or not the participant was referred to the study or came through the STD clinic). Phase 2 data will be collected as part of study participation among persons with discordant HIV test results. Data collected in this phase include consent, study test results and the HIV symptom and care survey at each visit, and a behavioral survey. All data are de-identified (no PII), linked by study ID, and transmitted securely to CDC in de-identified form.

Table 1: POC and Laboratory Tests Used in Phase 1 and 2

Test technology	Specimen Type(s) for Phase 1	Specimen Type(s) for Phase 2
Point-of-Care Screening tests		
DPP® HIV 1/2 Assay (ChemBio Diagnostic Systems)	Oral fluid and venous whole blood	Oral fluid and venous whole blood; fingerstick whole blood
OraQuick ADVANCE® Rapid HIV-1/2 Antibody (OraSure Technologies)	Oral fluid and venous whole blood	Oral fluid and venous whole blood; fingerstick whole blood
INSTI™ HIV-1/HIV-2 Rapid Antibody Test (bioLytical Laboratories)	Venous whole blood	Venous whole blood; fingerstick whole blood
Determine™ HIV-1/2 Ag/Ab Combo (Alere)	Venous whole blood	Venous whole blood; fingerstick whole blood
Point-of-care supplemental test(s)		
Geenius™ HIV 1/2 Confirmatory System (Bio-Rad Laboratories)	Venous whole blood	Venous whole blood; fingerstick whole blood
POC NAAT Confirmatory Test*	Venous whole blood	Venous whole blood; fingerstick whole blood
Laboratory tests to be conducted through PHSKC Laboratory		
Genetic Systems HIV-1/HIV-2 Plus O EIA (Bio-Rad Laboratories)	Serum	Serum
Multispot HIV-1/2 Rapid Test (Bio-Rad Laboratories)	Serum	Serum
RealTime HIV-1 (Abbott) Pooled testing (27-member pools) if negative Geenius, POC and EIA tests	Serum	N/A
RealTime HIV-1 (Abbott) Individual HIV-1 viral load if at least one reactive result	Plasma	Plasma

* This test may be added to the study later. It is not approved by the FDA at this time.