**GAIN Study Data Sources & Variables**

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| **Baseline Data** | | |
|  | **Gay City** | **Madison Clinic** |
| Data Source (deidentified) | * Electronic Medical Record (EMR, or INSYNC database) * Phone calls (entered in INSYNC database) * PrEP Clinic database (Access) | * EPIC (via ITHS) * University of Washington HIV Information System (UWHIS) * PrEP Patient Reported Outcomes (PRO) |

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| **Testing, PEP & PrEP: People with HIV status unknown going in to study visit** | | |
|  | **Gay City** | **Madison Clinic** |
| **Linking Survey** (entered by RSC at study visit in REDCap) | * Name * Date of birth (DOB) * contact information * Study ID * EMR ID | * Name * Date of birth (DOB) * contact information * Study ID * EPIC ID |
| **GAIN Study Visit Survey** (entered by RSC at study visit in REDCap) | * Study ID * Demographics (age, race/ethnicity, sex/gender identity, education, housing status, and insurance status) * Behavioral data (gender of sex partners and substance use) * Type of visit (HIV testing, PrEP start, PrEP persistence) * HIV status * History of PrEP/ART (current, previous, or never) * HIV test results (i.e. POC NAT, pooled or individual HIV RNA) * Date and method of receipt of POC NAT results (i.e. at clinic visit or by phone call) | * Study ID * Demographics (age, race/ethnicity, sex/gender identity, education, housing status, and insurance status) * Behavioral data (gender of sex partners and substance use) * Type of visit (i.e. HIV testing, PEP, PrEP start, PrEP persistence) * HIV status * History of PrEP/ART (current, previous, or never) * HIV test results (i.e. POC NAT, pooled or individual HIV RNA) * Date and method of receipt of POC NAT results (i.e. at clinic visit or by phone call) |
| **Test Results** (ordered by study, clinic, or obtained via ROI results, entered in REDCap) | * POC NAT: SAMBA II Qual * INSTI if requested (clinic) * Ag/Ab combo (clinic)   🡪 Geenius if EIA+ (clinic)   * Pooled NAT on serum ID by Study ID   🡪 individual RNA if EIA+ and/or Geenius + (clinic) | * POC NAT: SAMBA II Qual * PEP: Ag/Ab combo (clinic), pooled RNA (study ID) * PrEP: Ag/Ab combo (clinic), pooled RNA (study ID) * HIV testing: INSTI (clinic), Ag/Ab combo (Clinic may order), RNA (Clinic or study if not ordered for clinic) |
| **Study Forms** | * Consent * HIPAA * ROI | * Consent * HIPAA * ROI |
| **Follow up** | Data from INSYNC & f/u phone calls:   * PrEP f/u: 3 mos, 6 mos call * To start PrEP: call based on priority score * If HIV+ test: 1, 3, 6 month calls | Data from EPIC, PrEP PRO, and/or UWHIS:   * Time to PrEP start * Number of persons initiating PrEP * Duration PrEP persistence * If HIV+ test: linkage to care, ART, VL via EPIC/UWHIS |
| **Sample Storage** | N/A | N/A |

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| **People who are known to be HIV positive going in to study visit** | | | |
|  | **Gay City HIV-positive** | **Madison Clinic: RCT** | **Madison Clinic: Multi-NAT group** |
| **Linking Survey** (entered by RSC at study visit in REDCap) | * Name * DOB * contact information * Study ID * EMR ID | * Name * DOB * contact information * Study ID * EPIC ID | N/A |
| **GAIN Study Visit Survey** (entered by RSC at study visit in REDCap) | * Study ID * Demographics (age, race/ethnicity, sex/gender identity, education, housing status, and insurance status) * Behavioral data (gender of sex partners and substance use) * Type of visit (HIV testing, PrEP start, PrEP persistence, HIV-positive) * HIV status * History of ART (current, previous, never taken) * HIV test results (i.e. POC NAT, pooled or individual HIV NAT) * Date and method of receipt of POC NAT results | * Study ID * Demographics (age, race/ethnicity, sex/gender identity, education, housing status, and insurance status) * Behavioral data (gender of sex partners and substance use) * Type of visit (i.e. HIV testing, PEP, PrEP start, PrEP persistence, HIV-positive) * HIV status * History of ART (current, previous, or never taken) * HIV test results (i.e. POC NAT, pooled or individual HIV NAT) * Date and method of receipt of POC NAT results | * Study ID * Demographics (age, race/ethnicity, sex/gender identity, education, housing status, and insurance status) * Behavioral data (gender of sex partners and substance use) * Type of visit (i.e. HIV testing, PEP, PrEP start, PrEP persistence, HIV-positive) * HIV status * History of ART (current, previous, or never taken) * HIV test results (i.e. POC NAT, pooled or individual HIV NAT) * Date and method of receipt of POC NAT results |
| **Test Results** (ordered by study, clinic, or via ROI results, entered in Study Visit DB) | * POC NAT: SAMBA II Semi-Q * Indiv. RNA with study ID (study) | * POC NAT: SAMBA II Semi-Q * Indiv. RNA (study will order if not ordered by clinic on the same day) with study ID | * POC NAT: SAMBA II Semi-Q * Indiv. RNA with study ID (study) |
| **Study Forms** | * Consent * HIPAA * ROI | * Consent * HIPAA * ROI | * Consent * HIPAA * ROI: Optional, for participants who wish to share result with their PCP |
| **Follow up** | * follow up call entered into INSYNC | * Time to viral suppression via UWHIS or EPIC | N/A |
| **Sample Storage** | N/A | N/A | * From two 10 mL EDTA tubes: Plasma & cell pellet |

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| **Survey Group** | | |
|  | **Gay City** | **Madison Clinic** |
| **CASI Survey** | Will be a patient who has already participated in the study:   * 100 HIV negative (Testing & PrEP group) * 50 HIV positive (HIV-positive group)   Will link CASI survey to their study ID when submitted, then delete email from survey software. | Will be a patient who has already participated in the study:   * 100 HIV negative (Testing & PrEP group) * 50 HIV positive (from RCT group only)   Will link CASI survey to their study ID when submitted, then delete email from survey software. |
| **Qualitative Focus groups/interviews** | Will be a patient who has already participated in the study:   * 10 HIV negative (Testing & PrEP group) * 10 HIV positive (HIV-positive group)   Will record and transcribe, remove any identifiers, then delete the recording. | Will be a patient who has already participated in the study:   * 10 HIV negative (Testing & PrEP group) * 10 HIV positive (from RCT group only)   Will record and transcribe, remove any identifiers, then delete the recording. |