

Supplemental Table 1. Clinical and demographic characteristics of people living with HIV at six sites across the United States with type 2 myocardial infarction by sepsis status and age (<50 vs. ≥50 years old)

| Characteristic | T2MI n No sepsis N=263 N (%) | T2MI Sepsis N=150 N (%) | T2MI Sepsis <50 years old N=72 N (%) | T2MI Sepsis ≥50 years old N=78 N (%) |
|--|---------------------------------------|----------------------------------|---|---|
| Age, years median (IQR) | 50 (43,56) | 50 (40,58) | 40 (34,45) | 57 (54,63) |
| Age, years by decade | | | | |
| <30 | 10 (4) | 10 (7) | 10 (14) | 0 (0) |
| 30-39 | 21 (8) | 26 (17) | 26 (36) | 0 (0) |
| 40-49 | 98 (37) | 36 (24) | 36 (50) | 0 (0) |
| 50-59 | 101 (38) | 46 (31) | 0 (0) | 46 (59) |
| 60-69 | 22 (8) | 23 (15) | 0 (0) | 23 (29) |
| ≥70 | 11 (4) | 9 (6) | 0 (0) | 9 (12) |
| Sex | | | | |
| Male | 199 (76) | 102 (68) | 46 (64) | 56 (72) |
| Race/Ethnicity | | | | |
| White | 66 (25) | 40 (27) | 16 (22) | 24 (31) |
| African American | 172 (65) | 92 (61) | 48 (67) | 44 (56) |
| Hispanic | 20 (8) | 14 (9) | 5 (7) | 9 (12) |
| Other/unknown | 5 (2) | 4 (3) | 3 (4) | 1 (1) |
| HIV Transmission Risk Factor | | | | |
| Heterosexual | 71 (27) | 52 (35) | 26 (36) | 26 (33) |
| Men who have sex with men | 88 (33) | 39 (26) | 20 (28) | 19 (24) |
| Injection drug use | 97 (37) | 50 (33) | 24 (33) | 26 (33) |
| Other/unknown | 7 (3) | 9 (6) | 2 (3) | 7 (9) |
| Antiretroviral therapy | | | | |
| Yes | 189 (72) | 109 (73) | 51 (71) | 58 (74) |
| CD4 count closest to event (cells/μl) | | | | |
| 0-200 | 99 (38) | 71 (47) | 43 (60) | 28 (36) |
| 201-350 | 53 (20) | 22 (15) | 8 (11) | 14 (18) |
| >350 | 111 (42) | 57 (38) | 21 (29) | 36 (46) |
| Nadir CD4 cell count (cells/μl) | | | | |
| Median (IQR) | 126 (20,264) | 85 (10,188) | 21 (5,125) | 129 (44, 244) |
| HIV-1 RNA closest to event (copies/ml) | | | | |
| <500 | 148 (56) | 81 (54) | 29 (40) | 52 (67) |

| | | | | |
|----------------------------------|-----------|-----------|-----------|-----------|
| 500-100,000 | 77 (29) | 44 (29) | 25 (35) | 19 (24) |
| >100,000 | 38 (14) | 25 (17) | 18 (25) | 7 (9) |
| Lipid Levels mean (mean, SD) | | | | |
| HDL (mg/dL) | 46 (20) | 38 (18) | 35 (17) | 41 (19) |
| LDL (mg/dL) | 86 (36) | 88 (42) | 89 (44) | 87 (41) |
| Total Cholesterol (mg/dL) | 169 (61) | 155 (52) | 149 (48) | 160 (55) |
| Triglycerides | 201 (266) | 175 (113) | 162 (102) | 187 (121) |
| Statin use | | | | |
| Yes | 65 (25) | 38 (25) | 7 (10) | 31 (40) |
| Blood pressure (mean, SD) | | | | |
| Systolic (mmHg) | 132 (24) | 126 (21) | 120 (21) | 130 (21) |
| Diastolic (mmHg) | 80 (14) | 77 (13) | 76 (14) | 77 (12) |
| Anti-hypertensive medication use | | | | |
| Yes | 182 (70) | 91 (61) | 32 (45) | 59 (77) |
| Diabetes | | | | |
| Yes | 72 (27) | 41 (27) | 9 (13) | 32 (41) |
| Ever smoking | | | | |
| Yes | 117 (44) | 63 (42) | 31 (43) | 32 (41) |
| Body mass index (mean, SD) | | | | |
| BMI (kg/m ²) | 25 (6) | 25 (7) | 24 (7) | 26 (7) |
| Risk Score (mean, SD) | | | | |
| ASCVD (%10 year event risk) | 14 (15) | 13 (13) | 6 (6) | 19 (14) |

Demographic and clinical characteristics at time of MI

MI: myocardial infarctions; T1MI: type 1 myocardial infarction; T2MI type 2 myocardial infarctions