|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Included in the analysis**  **N=352** | | **Excluded from the analysis N=24** | |  |
| **Age (years)** | *n1* | *%1* | *n1* | *%1* | *p-value* |
| Median (IQR) | 39 | [32-47] | 46.5 | [37-56.5] | 0.014 |
| < 35 year | 121 | 34% | 4 | 17% | 0.061 |
| 35 - 44 year | 107 | 30% | 6 | 25% |  |
| ≥ 45 year | 124 | 35% | 14 | 58% |  |
| **Gender identity** |  |  |  |  |  |
| Male | 351 | 100% | 23 | 96% | 0.124 |
| Transgender woman | 1 | 0% | 1 | 4% |  |
| **Self-declared ethnicity** |  |  |  |  |  |
| White | 301 | 86% | 20 | 83% | 0.770 |
| Non-white | 51 | 14% | 4 | 17% |  |
| **Residence** |  |  |  |  |  |
| Amsterdam | 215 | 61% | 15 | 63% | 0.890 |
| Other | 137 | 39% | 9 | 38% |  |
| **Highest education level** |  |  |  |  |  |
| Low and intermediate | 82 | 23% | 8 | 33% | 0.265 |
| High | 270 | 77% | 16 | 67% |  |
| **Employment** |  |  |  |  |  |
| Employed | 277 | 80% | 13 | 54% | 0.004 |
| Unemployed | 15 | 4% | 4 | 17% |  |
| Other | 56 | 16% | 7 | 29% |  |

**Supplementary Table 1: Socio-demographic and sexual behavior characteristics at baseline of those included (n=352) and excluded (n=24) from the analysis, AMPrEP observational cohort study, August 18, 2015 to February 27, 2019, Amsterdam, the Netherlands.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***TableS1 (continued)*** | **Included in the analysis**  **N=352** | | **Excluded from the analysis N=24** | |  |
| **Income** | *n1* | *%1* | *n1* | *%1* | *p-value* |
| Low (≤€1700) | 88 | 26% | 11 | 50% | 0.005 |
| Middle (€1701 to €2950) | 141 | 42% | 10 | 45% |  |
| High (>€2950) | 106 | 32% | 1 | 5% |  |
| **Current steady relationship** |  |  |  |  |  |
| No | 194 | 56% | 14 | 58% | 0.805 |
| Yes | 154 | 44% | 10 | 42% |  |
| **Living situation** |  |  |  |  |  |
| Alone | 187 | 53% | 13 | 54% | 0.954 |
| With partner | 113 | 32% | 8 | 33% |  |
| With others | 52 | 15% | 3 | 13% |  |
| **Sexual preference** |  |  |  |  |  |
| Exclusively homosexual | 279 | 79% | 17 | 71% | 0.314 |
| Not exclusively homosexual | 72 | 21% | 7 | 29% |  |
| **Number of anal sex partners (3M)2** |  |  |  |  |  |
| Median (IQR) | 12 | [6-23.5] | 14 | [4.5-33] | 0.917 |
| **CAS with casual partner (6M)3** |  |  |  |  |  |
| No | 15 | 4% | 1 | 4% | 0.728 |
| Yes | 337 | 96% | 23 | 96% |  |
| **Post-exposure prophylaxis used (6M)3** |  |  |  |  |  |
| No | 325 | 92% | 24 | 100% | 0.158 |
| Yes | 27 | 8% | 0 | 0% |  |
| **HIV-positive partner with undetectable viral load (6M)3** |  |  |  |  |  |
| No | 344 | 98% | 23 | 96% | 0.451 |
| Yes | 8 | 2% | 1 | 4% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***TableS1 (continued)*** | **Included in the analysis**  **N=352** | | **Excluded from the analysis N=24** | |  |
| **Sexually transmitted infection (6M)3,4** | *n1* | *%1* | *n1* | *%1* | *p-value* |
| No | 217 | 62% | 24 | 100% | <0.001 |
| Yes | 135 | 38% | 0 | 0% |  |

**Abbreviations:** AMPrEP=Amsterdam PrEP Project; IQR=interquartile range; 3M=three months before baseline; 6M=six months before baseline; CAS=condomless anal sex; HIV=human immunodeficiency virus.

1. Unless otherwise stated
2. In the 3 months before baseline
3. In the 6 months before baseline
4. At least one bacterial sexually transmitted infection (i.e., syphilis, urethral or rectal chlamydia, or gonorrhoea)

Data missing in employment (n=4), income (n=19), current steady relationship (n=4), sexual preference (n=1).

**Supplement 2: Sex acts per month on PrEP within each PrEP regimen (daily or event-driven) stratified by partner type, AMPrEP observational cohort study, August 18, 2015 to February 27, 2019, Amsterdam, the Netherlands**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Daily regimen** | | | **Event-driven regimen** | | |
| Months  on PrEP | Steady partners | Known casual partners | Unknown casual partners | Steady partners | Known casual partners | Unknown casual partners |
|  | *n* | *n* | *n* | *n* | *n* | *n* |
| 1 | 436 | 692 | 639 | 114 | 180 | 149 |
| 2 | 441 | 643 | 664 | 68 | 205 | 148 |
| 3 | 365 | 671 | 615 | 61 | 165 | 138 |
| 4 | 331 | 594 | 570 | 69 | 111 | 95 |
| 5 | 391 | 611 | 602 | 80 | 120 | 109 |
| 6 | 351 | 609 | 582 | 65 | 115 | 119 |
| 7 | 335 | 548 | 554 | 61 | 122 | 107 |
| 8 | 342 | 543 | 547 | 62 | 106 | 107 |
| 9 | 322 | 526 | 536 | 46 | 115 | 97 |
| 10 | 290 | 509 | 507 | 40 | 98 | 95 |
| 11 | 269 | 519 | 461 | 46 | 100 | 69 |
| 12 | 302 | 525 | 445 | 47 | 124 | 81 |
| 13 | 302 | 503 | 450 | 35 | 81 | 66 |
| 14 | 252 | 518 | 463 | 53 | 117 | 85 |
| 15 | 296 | 447 | 453 | 46 | 96 | 89 |
| 16 | 246 | 483 | 451 | 56 | 88 | 63 |
| 17 | 225 | 437 | 414 | 51 | 100 | 62 |
| 18 | 246 | 457 | 416 | 54 | 98 | 62 |
| 19 | 215 | 455 | 422 | 60 | 109 | 74 |
| 20 | 224 | 413 | 364 | 58 | 100 | 67 |
| 21 | 240 | 424 | 347 | 47 | 113 | 83 |
| ***Table S2 (continued)*** | **Daily regimen** | | | **Event-driven regimen** | | |
| Months on PrEP | Steady partners | Known casual partners | Unknown casual partners | Steady partners | Known casual partners | Unknown casual partners |
|  | *n* | *n* | *n* | *n* | *n* | *n* |
| 22 | 238 | 392 | 334 | 50 | 105 | 90 |
| 23 | 257 | 389 | 365 | 47 | 129 | 66 |
| 24 | 238 | 373 | 344 | 54 | 113 | 56 |
| 25 | 262 | 406 | 329 | 51 | 79 | 55 |
| 26 | 210 | 325 | 297 | 35 | 80 | 46 |
| 27 | 203 | 340 | 319 | 60 | 93 | 72 |
| 28 | 188 | 302 | 284 | 88 | 79 | 46 |
| 29 | 175 | 304 | 287 | 73 | 82 | 42 |
| 30 | 181 | 334 | 298 | 59 | 80 | 64 |
| 31 | 217 | 296 | 298 | 62 | 60 | 68 |
| 32 | 199 | 275 | 268 | 59 | 77 | 60 |
| 33 | 203 | 269 | 246 | 82 | 71 | 52 |
| 34 | 173 | 246 | 274 | 84 | 69 | 64 |
| 35 | 182 | 256 | 248 | 61 | 70 | 68 |
| 36 | 163 | 204 | 213 | 38 | 59 | 50 |

**Abbreviations:** AMPrEP=Amsterdam PrEP Project; PrEP=pre-exposure prophylaxis.

**Supplement 3: Acknowledgements of the H-TEAM consortium**

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