**Supplemental Digital Content 2**

**Table: Characteristics of 383 gbMSM respondents at sexual health clinics in Toronto and Vancouver**

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| --- | --- | --- | --- | --- |
| **Characteristic** | **Total**  **n (%)** | **Toronto (n=222)**  **n (%)** | **Vancouver (n=161)**  **n (%)** | **p-value** |
| Age | 33.0 (10.7)a  30 (25.0,38.7)b | 33.0 (11.6)a  30 (25.0,37.0)b | 33.0 (9.4)a  31 (25.7,40.2)b | 0.98 |
| Sexual orientation  Gay  Other | 329 (86.6)  51 (13.4) | 181 (81.5)  41 (18.5) | 148 (93.7)  10 (6.3) | 0.001 |
| Education level  High school diploma or less  College/Undergraduate degree  Graduate / professional degree | 147 (38.7)  146 (38.4)  87 (22.9) | 38 (17.3)  113 (51.4)  69 (31.4) | 109 (68.1)  33 (20.6)  18 (11.3) | <0.001 |
| Ethnicity  White  Asian  Black  Other | 202 (53.7)  107 (28.5)  21 (5.6)  46 (12.2) | 116 (53.7)  50 (23.1)  12 (5.6)  38 (17.6) | 86 (53.7)  57 (35.6)  9 (5.6)  8 (5.0) | <0.001 |
| No. of male sex partners in the last 6 months | 9.7 (12.0)a  6.0 (3.0,12.0)b | 10.4 (14.5)a  5.0 (3.0,12.0)b | 8.7 (6.9)a  7.0 (4.0,13.0)b | 0.20 |
| Total No. of different STIs ever diagnosedc | 1.1 (1.1)a  1.0(0.0,2.0)b | 1.3 (1.1)a  1.0(0.0,2.0)b | 0.8 (1.0)a  0.0(0.0,2.0)b | <0.001 |
| HIV-positive | 22 (5.74) | 11 (4.95) | 11 (6.83) | 0.58 |
| Ever STI diagnosis | 222 (58.0) | 154 (69.4) | 68 (42.2) | <0.001 |
| Concerned about getting STI | 268 (70.7) | 125 (56.8) | 143 (89.9) | <0.001 |
| T Disagree with the statement, “the only truly effective STI prevention strategy is condoms” | 154 (41.1) | 116 (54.2) | 38 (23.6) | <0.001 |
| Had knowledge of  HIV PrEP  HIV PEP  HPV Vaccine | 271 (70.8)  206 (53.8)  244 (64.4) | 209 (94.1)  169 (76.1)  190 (87.2) | 62 (38.5)  37 (23.0)  54 (33.5) | <0.001  <0.001  <0.001 |
| Previously used  HIV PrEP  HIV PEP  HPV Vaccine | 50 (13.1)  39 (10.3)  134 (35.5) | 35 (15.8)  31 (14.1)  95 (43.8) | 15 (9.3)  8 (5.0)  39 (24.4) | 0.06  0.005  <0.001 |
| Currently using HIV PrEP | 47 (12.3) | 33 (14.9) | 14 (8.7) | 0.08 |
| Participants screening positive for:  Depression  Problem alcohol use  Problem drug use | 36 (9.5)  243 (63.8)  20 (5.3) | 27 (12.4)  120 (54.5)  3 (1.4) | 9 (5.6)  123 (76.4)  17 (10.6) | 0.03  <0.001  <0.001 |

a Mean (Standard deviation)

bMedian (IQR)

c Number of the following STIs that had ever been diagnosed: gonorrhea, chlamydia, syphilis, human papillomavirus, HIV