### Table 1: Background characteristics of the participants

(N = 570)

| **Background characteristics** | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **Gender** |  |  |  | **<0.001** |
| Male | 130 (22.8%) | 110 (53.9%) | 20 (5.5%) |  |
| Female | 433 (76.0%) | 92 (45.1%) | 341 (93.2%) |  |
| Not specified | 7 (1.2%) | 2 (1.0%) | 5 (1.4%) |  |
| **Age (years)** | 21 (21, 22) | 23 (22, 23) | 21 (20, 21) | **<0.001** |
| **Place of origin (Region)** |  |  |  | **<0.001** |
| Bangkok and perimeters | 222 (38.9%) | 131 (64.2%) | 91 (24.9%) |  |
| Central & North | 146 (25.6%) | 37 (18.1%) | 109 (29.8%) |  |
| East & Northeast | 103 (18.1%) | 18 (8.8%) | 85 (23.2%) |  |
| West & South | 97 (17.0%) | 18 (8.8%) | 79 (21.6%) |  |
| Not specified | 2 (0.4%) | 0 (0.0%) | 2 (0.5%) |  |
| **University** |  |  |  | **<0.001** |
| Pramongkutklao Hospital | 385 (67.5%) | 198 (97.1%) | 187 (51.1%) |  |
| Ramathibodi Hospital | 185 (32.5%) | 6 (2.9%) | 179 (48.9%) |  |
| **Year of study (early or final clinical year)** |  |  |  | **0.040** |
| Early clinical years | 371 (65.1%) | 144 (70.6%) | 227 (62.0%) |  |
| Final clinical year | 199 (34.9%) | 60 (29.4%) | 139 (38.0%) |  |
| **2.5 Have you ever been tested for HIV?** |  |  |  | **<0.001** |
| Yes | 148 (26.0%) | 45 (22.1%) | 103 (28.1%) |  |
| No | 287 (50.4%) | 124 (60.8%) | 163 (44.5%) |  |
| Not sure | 135 (23.7%) | 35 (17.2%) | 100 (27.3%) |  |
| **2.1 Have you ever contacted/taken care of HIV patients?** |  |  |  | **<0.001** |
| Yes | 192 (33.7%) | 118 (57.8%) | 74 (20.2%) |  |
| No | 378 (66.3%) | 86 (42.2%) | 292 (79.8%) |  |
| **HIV knowledge** | 7.4 (3, 9) | 7.2 (3, 9) | 7.5 (4, 9) | **0.010** |
| **Standard precautions on HIV knowledge** | 9.3 (4, 12) | 9.1 (5, 12) | 9.3 (4, 12) | **0.036** |
| **Confidence of protective measures** | 23.0 (7, 28) | 22.3 (7, 28) | 23.4 (8, 28) | **0.005** |
| *1*n (%); Median (Q1, Q3); Mean (Min, Max) | | | | |
| *2*Fisher's exact test; Wilcoxon rank sum test; Pearson's Chi-squared test | | | | |

### Table 2: Contact with people living with HIV

(N = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **2.1 Contact/take care** |  |  |  | **<0.001** |
| Yes | 192 (33.7%) | 118 (57.8%) | 74 (20.2%) |  |
| No | 378 (66.3%) | 86 (42.2%) | 292 (79.8%) |  |
| **2.1.1 Wear double gloves when taking care PLHIV** |  |  |  | **0.022** |
| Yes | 118 (61.5%) | 65 (55.1%) | 53 (71.6%) |  |
| No | 74 (38.5%) | 53 (44.9%) | 21 (28.4%) |  |
| **2.1.2 Wear double gloves when taking care other patients** |  |  |  | 0.4 |
| Yes | 58 (30.2%) | 33 (28.0%) | 25 (33.8%) |  |
| No | 134 (69.8%) | 85 (72.0%) | 49 (66.2%) |  |
| **2.1.3 Use special infection control when taking care PLHIV** |  |  |  | 0.2 |
| Yes | 183 (95.3%) | 110 (93.2%) | 73 (98.6%) |  |
| No | 9 (4.7%) | 8 (6.8%) | 1 (1.4%) |  |
| **2.1.4 Use special infection control when taking care other patients** |  |  |  | **0.003** |
| Yes | 123 (64.1%) | 66 (55.9%) | 57 (77.0%) |  |
| No | 69 (35.9%) | 52 (44.1%) | 17 (23.0%) |  |
| *1*n (%) | | | | |
| *2*Pearson's Chi-squared test; Fisher's exact test | | | | |

### Table 3A: Worried about getting HIV infection

(N = 570)

| **How worried ...** | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **2.2.1 Worried would you be about getting HIV infection if you have to touch the clothing, bedding or belongings** |  |  |  | **0.007** |
| Not at all worried - 1 | 103 (18.1%) | 52 (25.5%) | 51 (13.9%) |  |
| A little worried - 2 | 292 (51.2%) | 95 (46.6%) | 197 (53.8%) |  |
| Somewhat worried - 3 | 145 (25.4%) | 46 (22.5%) | 99 (27.0%) |  |
| Very worried - 4 | 30 (5.3%) | 11 (5.4%) | 19 (5.2%) |  |
| **Score** | Sum:1,242  Mean:2.2 (±0.8) | Sum:424  Mean:2.1 (±0.8) | Sum:818  Mean:2.2 (±0.8) | **0.026** |
| **2.3.1 Worried would you be about getting HIV infection if you have to dress the wounds of HIV/AIDS patients** |  |  |  | **0.004** |
| Not at all worried - 1 | 43 (7.5%) | 24 (11.8%) | 19 (5.2%) |  |
| A little worried - 2 | 234 (41.1%) | 92 (45.1%) | 142 (38.8%) |  |
| Somewhat worried - 3 | 217 (38.1%) | 67 (32.8%) | 150 (41.0%) |  |
| Very worried - 4 | 76 (13.3%) | 21 (10.3%) | 55 (15.0%) |  |
| **Score** | Sum:1,466  Mean:2.6 (±0.8) | Sum:493  Mean:2.4 (±0.8) | Sum:973  Mean:2.7 (±0.8) | **<0.001** |
| **2.4.1 Worried would you be about getting HIV infection if you have to draw blood** |  |  |  | **<0.001** |
| Not at all worried - 1 | 36 (6.3%) | 25 (12.3%) | 11 (3.0%) |  |
| A little worried - 2 | 197 (34.6%) | 63 (30.9%) | 134 (36.6%) |  |
| Somewhat worried - 3 | 220 (38.6%) | 78 (38.2%) | 142 (38.8%) |  |
| Very worried - 4 | 117 (20.5%) | 38 (18.6%) | 79 (21.6%) |  |
| **Score** | Sum:1,558  Mean:2.7 (±0.9) | Sum:537  Mean:2.6 (±0.9) | Sum:1,021  Mean:2.8 (±0.8) | **0.043** |
| **Total score** | Sum:4,266  Mean:7.5 (±2.1) | Sum:1,454  Mean:7.1 (±2.2) | Sum:2,812  Mean:7.7 (±2.0) | **0.004** |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test | | | | |

### Table 3B: Worried about being treated differently or discriminated

(N = 148)

| **How worried ...** | **Overall**  N = 148*1* | **Medical**  N = 45*1* | **Nurse**  N = 103*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **2.6 If you were tested, how worried were you that you might be treated differently or discriminated against if you were to test positive** |  |  |  | >0.9 |
| Not at all worried - 1 | 46 (31.3%) | 13 (28.9%) | 33 (32.4%) |  |
| A little worried - 2 | 53 (36.1%) | 16 (35.6%) | 37 (36.3%) |  |
| Somewhat worried - 3 | 34 (23.1%) | 11 (24.4%) | 23 (22.5%) |  |
| Very worried - 4 | 14 (9.5%) | 5 (11.1%) | 9 (8.8%) |  |
| **Score** | Sum:310  Mean:2.1 (±1.0) | Sum:98  Mean:2.2 (±1.0) | Sum:212  Mean:2.1 (±1.0) | 0.6 |
| **2.7 If your test was positive, how worried were you that you might be treated differently or discriminated against if you were to test positive** |  |  |  | >0.9 |
| Not at all worried - 1 | 10 (6.8%) | 3 (6.7%) | 7 (6.9%) |  |
| A little worried - 2 | 32 (21.8%) | 10 (22.2%) | 22 (21.6%) |  |
| Somewhat worried - 3 | 58 (39.5%) | 18 (40.0%) | 40 (39.2%) |  |
| Very worried - 4 | 47 (32.0%) | 14 (31.1%) | 33 (32.4%) |  |
| **Score** | Sum:436  Mean:3.0 (±0.9) | Sum:133  Mean:3.0 (±0.9) | Sum:303  Mean:3.0 (±0.9) | >0.9 |
| **Total score** | Sum:746  Mean:5.0 (±1.6) | Sum:231  Mean:5.1 (±1.6) | Sum:515  Mean:5.0 (±1.6) | 0.6 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Fisher's exact test; Welch Two Sample t-test | | | | |

### Table 4: Professional behaviors - Q3a: How worried

(N = 570)

| **How worried when ….** | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **3.1 drawing blood** |  |  |  | **0.007** |
| Not at all worried - 1 | 33 (5.8%) | 21 (10.3%) | 12 (3.3%) |  |
| A little worried - 2 | 211 (37.0%) | 70 (34.3%) | 141 (38.5%) |  |
| Somewhat worried - 3 | 222 (38.9%) | 76 (37.3%) | 146 (39.9%) |  |
| Very worried - 4 | 104 (18.2%) | 37 (18.1%) | 67 (18.3%) |  |
| **Score** | Sum:1,537  Mean:2.7 (±0.8) | Sum:537  Mean:2.6 (±0.9) | Sum:1,000  Mean:2.7 (±0.8) | 0.2 |
| **3.2 starting an IV** |  |  |  | 0.5 |
| Not at all worried - 1 | 40 (7.0%) | 19 (9.3%) | 21 (5.7%) |  |
| A little worried - 2 | 234 (41.1%) | 81 (39.7%) | 153 (41.8%) |  |
| Somewhat worried - 3 | 228 (40.0%) | 80 (39.2%) | 148 (40.4%) |  |
| Very worried - 4 | 68 (11.9%) | 24 (11.8%) | 44 (12.0%) |  |
| **Score** | Sum:1,464  Mean:2.6 (±0.8) | Sum:517  Mean:2.5 (±0.8) | Sum:947  Mean:2.6 (±0.8) | 0.5 |
| **3.3 dressing wound** |  |  |  | 0.093 |
| Not at all worried - 1 | 50 (8.8%) | 26 (12.7%) | 24 (6.6%) |  |
| A little worried - 2 | 228 (40.0%) | 80 (39.2%) | 148 (40.4%) |  |
| Somewhat worried - 3 | 228 (40.0%) | 76 (37.3%) | 152 (41.5%) |  |
| Very worried - 4 | 64 (11.2%) | 22 (10.8%) | 42 (11.5%) |  |
| **Score** | Sum:1,446  Mean:2.5 (±0.8) | Sum:502  Mean:2.5 (±0.9) | Sum:944  Mean:2.6 (±0.8) | 0.10 |
| **3.4 assisting in OR, LR** |  |  |  | **0.046** |
| Not at all worried - 1 | 33 (5.8%) | 19 (9.3%) | 14 (3.8%) |  |
| A little worried - 2 | 199 (34.9%) | 71 (34.8%) | 128 (35.0%) |  |
| Somewhat worried - 3 | 243 (42.6%) | 79 (38.7%) | 164 (44.8%) |  |
| Very worried - 4 | 95 (16.7%) | 35 (17.2%) | 60 (16.4%) |  |
| **Score** | Sum:1,540  Mean:2.7 (±0.8) | Sum:538  Mean:2.6 (±0.9) | Sum:1,002  Mean:2.7 (±0.8) | 0.2 |
| **3.5 performing chest auscultation** |  |  |  | 0.077 |
| Not at all worried - 1 | 324 (56.8%) | 122 (59.8%) | 202 (55.2%) |  |
| A little worried - 2 | 193 (33.9%) | 57 (27.9%) | 136 (37.2%) |  |
| Somewhat worried - 3 | 37 (6.5%) | 17 (8.3%) | 20 (5.5%) |  |
| Very worried - 4 | 16 (2.8%) | 8 (3.9%) | 8 (2.2%) |  |
| **Score** | Sum:885  Mean:1.6 (±0.7) | Sum:319  Mean:1.6 (±0.8) | Sum:566  Mean:1.5 (±0.7) | 0.8 |
| **3.6 performing /assisting in ascetic tap** |  |  |  | **0.008** |
| Not at all worried - 1 | 47 (8.2%) | 25 (12.3%) | 22 (6.0%) |  |
| A little worried - 2 | 246 (43.2%) | 95 (46.6%) | 151 (41.3%) |  |
| Somewhat worried - 3 | 223 (39.1%) | 64 (31.4%) | 159 (43.4%) |  |
| Very worried - 4 | 54 (9.5%) | 20 (9.8%) | 34 (9.3%) |  |
| **Score** | Sum:1,424  Mean:2.5 (±0.8) | Sum:487  Mean:2.4 (±0.8) | Sum:937  Mean:2.6 (±0.7) | **0.014** |
| **3.7 taking blood pressure** |  |  |  | 0.13 |
| Not at all worried - 1 | 420 (73.7%) | 142 (69.6%) | 278 (76.0%) |  |
| A little worried - 2 | 112 (19.6%) | 42 (20.6%) | 70 (19.1%) |  |
| Somewhat worried - 3 | 28 (4.9%) | 15 (7.4%) | 13 (3.6%) |  |
| Very worried - 4 | 10 (1.8%) | 5 (2.5%) | 5 (1.4%) |  |
| **Score** | Sum:768  Mean:1.3 (±0.7) | Sum:291  Mean:1.4 (±0.7) | Sum:477  Mean:1.3 (±0.6) | **0.042** |
| **3.8 Administering an injection** |  |  |  | 0.079 |
| Not at all worried - 1 | 101 (17.7%) | 32 (15.7%) | 69 (18.9%) |  |
| A little worried - 2 | 298 (52.3%) | 99 (48.5%) | 199 (54.4%) |  |
| Somewhat worried - 3 | 145 (25.4%) | 59 (28.9%) | 86 (23.5%) |  |
| Very worried - 4 | 26 (4.6%) | 14 (6.9%) | 12 (3.3%) |  |
| **Score** | Sum:1,236  Mean:2.2 (±0.8) | Sum:463  Mean:2.3 (±0.8) | Sum:773  Mean:2.1 (±0.7) | **0.022** |
| **3.9 performing /assisting lumbar puncture** |  |  |  | 0.2 |
| Not at all worried - 1 | 58 (10.2%) | 28 (13.7%) | 30 (8.2%) |  |
| A little worried - 2 | 244 (42.8%) | 87 (42.6%) | 157 (42.9%) |  |
| Somewhat worried - 3 | 203 (35.6%) | 68 (33.3%) | 135 (36.9%) |  |
| Very worried - 4 | 65 (11.4%) | 21 (10.3%) | 44 (12.0%) |  |
| **Score** | Sum:1,415  Mean:2.5 (±0.8) | Sum:490  Mean:2.4 (±0.9) | Sum:925  Mean:2.5 (±0.8) | 0.087 |
| **3.10 doing urine catheterization** |  |  |  | **0.001** |
| Not at all worried - 1 | 126 (22.1%) | 64 (31.4%) | 62 (16.9%) |  |
| A little worried - 2 | 256 (44.9%) | 78 (38.2%) | 178 (48.6%) |  |
| Somewhat worried - 3 | 151 (26.5%) | 50 (24.5%) | 101 (27.6%) |  |
| Very worried - 4 | 37 (6.5%) | 12 (5.9%) | 25 (6.8%) |  |
| **Score** | Sum:1,239  Mean:2.2 (±0.8) | Sum:418  Mean:2.0 (±0.9) | Sum:821  Mean:2.2 (±0.8) | **0.011** |
| **Total score** | Sum:12,954  Mean:22.7 (±6.2) | Sum:4,562  Mean:22.4 (±6.7) | Sum:8,392  Mean:22.9 (±5.9) | 0.3 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### Table 5: Professional behaviors - Q3b: Intent to discriminate

(N = 570)

| **Intent to discriminate when ….** | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **3.1 drawing blood** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 75 (13.2%) | 33 (16.2%) | 42 (11.5%) |  |
| Do, with extra-precaution - 2 | 462 (81.1%) | 151 (74.0%) | 311 (85.0%) |  |
| Do, but avoid touching - 3 | 29 (5.1%) | 16 (7.8%) | 13 (3.6%) |  |
| Refused - 4 | 4 (0.7%) | 4 (2.0%) | 0 (0.0%) |  |
| **Score** | Sum:1,102  Mean:1.9 (±0.5) | Sum:399  Mean:2.0 (±0.6) | Sum:703  Mean:1.9 (±0.4) | 0.4 |
| **3.2 starting an IV** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 76 (13.3%) | 32 (15.7%) | 44 (12.0%) |  |
| Do, with extra-precaution - 2 | 457 (80.2%) | 146 (71.6%) | 311 (85.0%) |  |
| Do, but avoid touching - 3 | 33 (5.8%) | 22 (10.8%) | 11 (3.0%) |  |
| Refused - 4 | 4 (0.7%) | 4 (2.0%) | 0 (0.0%) |  |
| **Score** | Sum:1,105  Mean:1.9 (±0.5) | Sum:406  Mean:2.0 (±0.6) | Sum:699  Mean:1.9 (±0.4) | 0.079 |
| **3.3 dressing wound** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 78 (13.7%) | 41 (20.1%) | 37 (10.1%) |  |
| Do, with extra-precaution - 2 | 440 (77.2%) | 129 (63.2%) | 311 (85.0%) |  |
| Do, but avoid touching - 3 | 48 (8.4%) | 30 (14.7%) | 18 (4.9%) |  |
| Refused - 4 | 4 (0.7%) | 4 (2.0%) | 0 (0.0%) |  |
| **Score** | Sum:1,118  Mean:2.0 (±0.5) | Sum:405  Mean:2.0 (±0.7) | Sum:713  Mean:1.9 (±0.4) | 0.5 |
| **3.4 assisting in OR, LR** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 59 (10.4%) | 29 (14.2%) | 30 (8.2%) |  |
| Do, with extra-precaution - 2 | 463 (81.2%) | 141 (69.1%) | 322 (88.0%) |  |
| Do, but avoid touching - 3 | 40 (7.0%) | 27 (13.2%) | 13 (3.6%) |  |
| Refused - 4 | 8 (1.4%) | 7 (3.4%) | 1 (0.3%) |  |
| **Score** | Sum:1,137  Mean:2.0 (±0.5) | Sum:420  Mean:2.1 (±0.6) | Sum:717  Mean:2.0 (±0.4) | **0.041** |
| **3.5 performing chest auscultation** |  |  |  | **0.050** |
| Do as I would with any other - 1 | 314 (55.1%) | 118 (57.8%) | 196 (53.6%) |  |
| Do, with extra-precaution - 2 | 224 (39.3%) | 70 (34.3%) | 154 (42.1%) |  |
| Do, but avoid touching - 3 | 30 (5.3%) | 14 (6.9%) | 16 (4.4%) |  |
| Refused - 4 | 2 (0.4%) | 2 (1.0%) | 0 (0.0%) |  |
| **Score** | Sum:860  Mean:1.5 (±0.6) | Sum:308  Mean:1.5 (±0.7) | Sum:552  Mean:1.5 (±0.6) | >0.9 |
| **3.6 performing /assisting in ascetic tap** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 82 (14.4%) | 41 (20.1%) | 41 (11.2%) |  |
| Do, with extra-precaution - 2 | 453 (79.5%) | 139 (68.1%) | 314 (85.8%) |  |
| Do, but avoid touching - 3 | 29 (5.1%) | 18 (8.8%) | 11 (3.0%) |  |
| Refused - 4 | 6 (1.1%) | 6 (2.9%) | 0 (0.0%) |  |
| **Score** | Sum:1,099  Mean:1.9 (±0.5) | Sum:397  Mean:1.9 (±0.6) | Sum:702  Mean:1.9 (±0.4) | 0.6 |
| **3.7 taking blood pressure** |  |  |  | **0.018** |
| Do as I would with any other - 1 | 371 (65.1%) | 129 (63.2%) | 242 (66.1%) |  |
| Do, with extra-precaution - 2 | 167 (29.3%) | 56 (27.5%) | 111 (30.3%) |  |
| Do, but avoid touching - 3 | 30 (5.3%) | 17 (8.3%) | 13 (3.6%) |  |
| Refused - 4 | 2 (0.4%) | 2 (1.0%) | 0 (0.0%) |  |
| **Score** | Sum:803  Mean:1.4 (±0.6) | Sum:300  Mean:1.5 (±0.7) | Sum:503  Mean:1.4 (±0.6) | 0.088 |
| **3.8 Administering an injection** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 135 (23.7%) | 50 (24.5%) | 85 (23.2%) |  |
| Do, with extra-precaution - 2 | 401 (70.4%) | 132 (64.7%) | 269 (73.5%) |  |
| Do, but avoid touching - 3 | 29 (5.1%) | 17 (8.3%) | 12 (3.3%) |  |
| Refused - 4 | 5 (0.9%) | 5 (2.5%) | 0 (0.0%) |  |
| **Score** | Sum:1,044  Mean:1.8 (±0.5) | Sum:385  Mean:1.9 (±0.6) | Sum:659  Mean:1.8 (±0.5) | 0.093 |
| **3.9 performing /assisting lumbar puncture** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 83 (14.6%) | 40 (19.6%) | 43 (11.7%) |  |
| Do, with extra-precaution - 2 | 447 (78.4%) | 137 (67.2%) | 310 (84.7%) |  |
| Do, but avoid touching - 3 | 31 (5.4%) | 19 (9.3%) | 12 (3.3%) |  |
| Refused - 4 | 9 (1.6%) | 8 (3.9%) | 1 (0.3%) |  |
| **Score** | Sum:1,106  Mean:1.9 (±0.5) | Sum:403  Mean:2.0 (±0.7) | Sum:703  Mean:1.9 (±0.4) | 0.3 |
| **3.10 doing urine catheterization** |  |  |  | **<0.001** |
| Do as I would with any other - 1 | 169 (29.6%) | 74 (36.3%) | 95 (26.0%) |  |
| Do, with extra-precaution - 2 | 369 (64.7%) | 107 (52.5%) | 262 (71.6%) |  |
| Do, but avoid touching - 3 | 27 (4.7%) | 19 (9.3%) | 8 (2.2%) |  |
| Refused - 4 | 5 (0.9%) | 4 (2.0%) | 1 (0.3%) |  |
| **Score** | Sum:1,008  Mean:1.8 (±0.6) | Sum:361  Mean:1.8 (±0.7) | Sum:647  Mean:1.8 (±0.5) | >0.9 |
| **Total score** | Sum:10,382  Mean:18.2 (±3.9) | Sum:3,784  Mean:18.5 (±5.1) | Sum:6,598  Mean:18.0 (±3.0) | 0.2 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Fisher's exact test; Welch Two Sample t-test | | | | |

### Table 10: HIV Transmission

(N = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **7.1 HIV is unlikely to be transmitted by having sex with PLHIV and using a condom.** |  |  |  | **<0.001** |
| True - 1 | 337 (59.1%) | 89 (43.6%) | 248 (67.8%) |  |
| False - 0 | 233 (40.9%) | 115 (56.4%) | 118 (32.2%) |  |
| **Score** | Sum:337  Mean:0.6 (±0.5) | Sum:89  Mean:0.4 (±0.5) | Sum:248  Mean:0.7 (±0.5) | **<0.001** |
| **7.2 HIV can be transmitted by having sex with PLHIV without using a condom.** |  |  |  | 0.2 |
| True - 1 | 542 (95.1%) | 191 (93.6%) | 351 (95.9%) |  |
| False - 0 | 28 (4.9%) | 13 (6.4%) | 15 (4.1%) |  |
| **Score** | Sum:542  Mean:1.0 (±0.2) | Sum:191  Mean:0.9 (±0.2) | Sum:351  Mean:1.0 (±0.2) | 0.3 |
| **7.3 HIV can be transmitted by getting an injection with a sterilized syringe and needle.** |  |  |  | **<0.001** |
| True - 0 | 201 (35.3%) | 98 (48.0%) | 103 (28.1%) |  |
| False - 1 | 369 (64.7%) | 106 (52.0%) | 263 (71.9%) |  |
| **Score** | Sum:369  Mean:0.6 (±0.5) | Sum:106  Mean:0.5 (±0.5) | Sum:263  Mean:0.7 (±0.5) | **<0.001** |
| **7.4 HIV can be transmitted by sharing drug injection needles with PLHIV.** |  |  |  | **0.012** |
| True - 1 | 561 (98.4%) | 197 (96.6%) | 364 (99.5%) |  |
| False - 0 | 9 (1.6%) | 7 (3.4%) | 2 (0.5%) |  |
| **Score** | Sum:561  Mean:1.0 (±0.1) | Sum:197  Mean:1.0 (±0.2) | Sum:364  Mean:1.0 (±0.1) | **0.032** |
| **7.5 HIV can be transmitted by sharing a glass of drinking water with PLHIV.** |  |  |  | **<0.001** |
| True - 0 | 225 (39.5%) | 55 (27.0%) | 170 (46.4%) |  |
| False - 1 | 345 (60.5%) | 149 (73.0%) | 196 (53.6%) |  |
| **Score** | Sum:345  Mean:0.6 (±0.5) | Sum:149  Mean:0.7 (±0.4) | Sum:196  Mean:0.5 (±0.5) | **<0.001** |
| **7.6 HIV can be transmitted by using a public toilet that was used by PLHIV.** |  |  |  | **0.005** |
| True - 0 | 139 (24.4%) | 36 (17.6%) | 103 (28.1%) |  |
| False - 1 | 431 (75.6%) | 168 (82.4%) | 263 (71.9%) |  |
| **Score** | Sum:431  Mean:0.8 (±0.4) | Sum:168  Mean:0.8 (±0.4) | Sum:263  Mean:0.7 (±0.5) | **0.003** |
| **7.7 HIV can be transmitted by taking the blood pressure PLHIV without using gloves.** |  |  |  | 0.3 |
| True - 0 | 46 (8.1%) | 20 (9.8%) | 26 (7.1%) |  |
| False - 1 | 524 (91.9%) | 184 (90.2%) | 340 (92.9%) |  |
| **Score** | Sum:524  Mean:0.9 (±0.3) | Sum:184  Mean:0.9 (±0.3) | Sum:340  Mean:0.9 (±0.3) | 0.3 |
| **7.8 HIV can be transmitted by getting a needle prick from a sharp object that has been used on PLHIV.** |  |  |  | **<0.001** |
| True - 1 | 560 (98.2%) | 195 (95.6%) | 365 (99.7%) |  |
| False - 0 | 10 (1.8%) | 9 (4.4%) | 1 (0.3%) |  |
| **Score** | Sum:560  Mean:1.0 (±0.1) | Sum:195  Mean:1.0 (±0.2) | Sum:365  Mean:1.0 (±0.1) | **0.005** |
| **7.9 HIV can be transmitted by getting HIV-infected blood splashed onto skin with cuts.** |  |  |  | **<0.001** |
| True - 1 | 563 (98.8%) | 197 (96.6%) | 366 (100.0%) |  |
| False - 0 | 7 (1.2%) | 7 (3.4%) | 0 (0.0%) |  |
| **Score** | Sum:563  Mean:1.0 (±0.1) | Sum:197  Mean:1.0 (±0.2) | Sum:366  Mean:1.0 (±0.0) | **0.008** |
| **Total score** | Sum:4,232  Mean:7.4 (±1.3) | Sum:1,476  Mean:7.2 (±1.3) | Sum:2,756  Mean:7.5 (±1.3) | **0.009** |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### Table 11A: Standard precaution knowledge

(N = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **8.1 Washing hands before and after treating a patient is a standard precaution.** |  |  |  | **0.024** |
| True - 1 | 564 (98.9%) | 199 (97.5%) | 365 (99.7%) |  |
| False - 0 | 6 (1.1%) | 5 (2.5%) | 1 (0.3%) |  |
| **Score** | Sum:564  Mean:1.0 (±0.1) | Sum:199  Mean:1.0 (±0.2) | Sum:365  Mean:1.0 (±0.1) | 0.053 |
| **8.2 Minimizing contact with bodily fluids by wearing Personal Protective Equipment (PPE) is a standard precaution.** |  |  |  | 0.7 |
| True - 1 | 402 (70.5%) | 142 (69.6%) | 260 (71.0%) |  |
| False - 0 | 168 (29.5%) | 62 (30.4%) | 106 (29.0%) |  |
| **Score** | Sum:402  Mean:0.7 (±0.5) | Sum:142  Mean:0.7 (±0.5) | Sum:260  Mean:0.7 (±0.5) | 0.7 |
| **8.3 Wearing single gloves for procedures that require contact with bodily fluids is a standard precaution.** |  |  |  | 0.093 |
| True - 1 | 431 (75.6%) | 146 (71.6%) | 285 (77.9%) |  |
| False - 0 | 139 (24.4%) | 58 (28.4%) | 81 (22.1%) |  |
| **Score** | Sum:431  Mean:0.8 (±0.4) | Sum:146  Mean:0.7 (±0.5) | Sum:285  Mean:0.8 (±0.4) | 0.10 |
| **8.4 Wearing double gloves for procedures that require contact with bodily fluids is a standard precaution.** |  |  |  | **<0.001** |
| True - 0 | 339 (59.5%) | 149 (73.0%) | 190 (51.9%) |  |
| False - 1 | 231 (40.5%) | 55 (27.0%) | 176 (48.1%) |  |
| **Score** | Sum:231  Mean:0.4 (±0.5) | Sum:55  Mean:0.3 (±0.4) | Sum:176  Mean:0.5 (±0.5) | **<0.001** |
| **8.5 Sterilizing instruments after use is a standard precaution.** |  |  |  | **0.044** |
| True - 1 | 553 (97.0%) | 194 (95.1%) | 359 (98.1%) |  |
| False - 0 | 17 (3.0%) | 10 (4.9%) | 7 (1.9%) |  |
| **Score** | Sum:553  Mean:1.0 (±0.2) | Sum:194  Mean:1.0 (±0.2) | Sum:359  Mean:1.0 (±0.1) | 0.076 |
| **8.6 Using disposable syringes and needles is a standard precaution.** |  |  |  | 0.2 |
| True - 1 | 557 (97.7%) | 197 (96.6%) | 360 (98.4%) |  |
| False - 0 | 13 (2.3%) | 7 (3.4%) | 6 (1.6%) |  |
| **Score** | Sum:557  Mean:1.0 (±0.1) | Sum:197  Mean:1.0 (±0.2) | Sum:360  Mean:1.0 (±0.1) | 0.2 |
| **8.7 Using bleaching powder/sodium hypochlorite to disinfect soiled linen and contaminated waste exposed to bodily fluids is a standard precaution.** |  |  |  | 0.3 |
| True - 1 | 463 (81.2%) | 170 (83.3%) | 293 (80.1%) |  |
| False - 0 | 107 (18.8%) | 34 (16.7%) | 73 (19.9%) |  |
| **Score** | Sum:463  Mean:0.8 (±0.4) | Sum:170  Mean:0.8 (±0.4) | Sum:293  Mean:0.8 (±0.4) | 0.3 |
| **8.8 Disposing sharp instruments and objects into a specific container is a standard precaution.** |  |  |  | 0.6 |
| True - 1 | 557 (97.7%) | 198 (97.1%) | 359 (98.1%) |  |
| False - 0 | 13 (2.3%) | 6 (2.9%) | 7 (1.9%) |  |
| **Score** | Sum:557  Mean:1.0 (±0.1) | Sum:198  Mean:1.0 (±0.2) | Sum:359  Mean:1.0 (±0.1) | 0.5 |
| **8.9 Separating medical and infectious waste from other waste for disposal is a standard precaution.** |  |  |  | 0.7 |
| True - 1 | 563 (98.8%) | 201 (98.5%) | 362 (98.9%) |  |
| False - 0 | 7 (1.2%) | 3 (1.5%) | 4 (1.1%) |  |
| **Score** | Sum:563  Mean:1.0 (±0.1) | Sum:201  Mean:1.0 (±0.1) | Sum:362  Mean:1.0 (±0.1) | 0.7 |
| **8.10 Being careful handling sharp instruments is a standard precaution.** |  |  |  | 0.3 |
| True - 1 | 534 (93.7%) | 194 (95.1%) | 340 (92.9%) |  |
| False - 0 | 36 (6.3%) | 10 (4.9%) | 26 (7.1%) |  |
| **Score** | Sum:534  Mean:0.9 (±0.2) | Sum:194  Mean:1.0 (±0.2) | Sum:340  Mean:0.9 (±0.3) | 0.3 |
| **8.11 Making the patients dispose of their own hazardous waste is a standard precaution.** |  |  |  | 0.14 |
| True - 0 | 480 (84.2%) | 178 (87.3%) | 302 (82.5%) |  |
| False - 1 | 90 (15.8%) | 26 (12.7%) | 64 (17.5%) |  |
| **Score** | Sum:90  Mean:0.2 (±0.4) | Sum:26  Mean:0.1 (±0.3) | Sum:64  Mean:0.2 (±0.4) | 0.12 |
| **Total score** | Sum:4,945  Mean:8.7 (±1.1) | Sum:1,722  Mean:8.4 (±1.1) | Sum:3,223  Mean:8.8 (±1.1) | **<0.001** |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Fisher's exact test; Welch Two Sample t-test; Pearson's Chi-squared test | | | | |

### Table 11B: Standard precaution knowledge

(N = 570)

| **How important is it for healthcare workers to follow standard precautions …** | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **8.12 when they are exposed to body fluids such as blood of patients who have heart disease.** |  |  |  | 0.2 |
| Very important - 4 | 401 (70.4%) | 147 (72.1%) | 254 (69.4%) |  |
| Somewhat important - 3 | 117 (20.5%) | 45 (22.1%) | 72 (19.7%) |  |
| Not very important - 2 | 45 (7.9%) | 10 (4.9%) | 35 (9.6%) |  |
| Not important at all - 1 | 7 (1.2%) | 2 (1.0%) | 5 (1.4%) |  |
| **Score** | Sum:2,052  Mean:3.6 (±0.7) | Sum:745  Mean:3.7 (±0.6) | Sum:1,307  Mean:3.6 (±0.7) | 0.2 |
| **8.13 when they are exposed to body fluids such as blood of patients who have suspected infections.** |  |  |  | **0.006** |
| Very important - 4 | 515 (90.4%) | 174 (85.3%) | 341 (93.2%) |  |
| Somewhat important - 3 | 50 (8.8%) | 28 (13.7%) | 22 (6.0%) |  |
| Not very important - 2 | 5 (0.9%) | 2 (1.0%) | 3 (0.8%) |  |
| Not important at all - 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |  |
| **Score** | Sum:2,220  Mean:3.9 (±0.3) | Sum:784  Mean:3.8 (±0.4) | Sum:1,436  Mean:3.9 (±0.3) | **0.011** |
| **8.14 when they are exposed to body fluids such as blood of patients who have diabetes.** |  |  |  | **0.001** |
| Very important - 4 | 344 (60.4%) | 141 (69.1%) | 203 (55.5%) |  |
| Somewhat important - 3 | 141 (24.7%) | 47 (23.0%) | 94 (25.7%) |  |
| Not very important - 2 | 71 (12.5%) | 12 (5.9%) | 59 (16.1%) |  |
| Not important at all - 1 | 14 (2.5%) | 4 (2.0%) | 10 (2.7%) |  |
| **Score** | Sum:1,955  Mean:3.4 (±0.8) | Sum:733  Mean:3.6 (±0.7) | Sum:1,222  Mean:3.3 (±0.8) | **<0.001** |
| **8.15 when they are exposed to body fluids such as blood of patients who have HIV.** |  |  |  | **<0.001** |
| Very important - 4 | 528 (92.6%) | 176 (86.3%) | 352 (96.2%) |  |
| Somewhat important - 3 | 40 (7.0%) | 26 (12.7%) | 14 (3.8%) |  |
| Not very important - 2 | 2 (0.4%) | 2 (1.0%) | 0 (0.0%) |  |
| Not important at all - 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |  |
| **Score** | Sum:2,236  Mean:3.9 (±0.3) | Sum:786  Mean:3.9 (±0.4) | Sum:1,450  Mean:4.0 (±0.2) | **<0.001** |
| **8.16 when they are exposed to body fluids such as blood of patients who have TB.** |  |  |  | 0.4 |
| Very important - 4 | 467 (81.9%) | 165 (80.9%) | 302 (82.5%) |  |
| Somewhat important - 3 | 81 (14.2%) | 34 (16.7%) | 47 (12.8%) |  |
| Not very important - 2 | 18 (3.2%) | 4 (2.0%) | 14 (3.8%) |  |
| Not important at all - 1 | 4 (0.7%) | 1 (0.5%) | 3 (0.8%) |  |
| **Score** | Sum:2,151  Mean:3.8 (±0.5) | Sum:771  Mean:3.8 (±0.5) | Sum:1,380  Mean:3.8 (±0.6) | 0.8 |
| **Total score** | Sum:10,614  Mean:18.6 (±2.0) | Sum:3,819  Mean:18.7 (±2.1) | Sum:6,795  Mean:18.6 (±2.0) | 0.4 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Fisher's exact test; Welch Two Sample t-test; Pearson's Chi-squared test | | | | |

### Table 12: Protective measures

(N = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **9.1 Washing hands before and after physically examining a patient will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | **0.029** |
| Very certain - 4 | 206 (36.1%) | 62 (30.4%) | 144 (39.3%) |  |
| Somewhat certain - 3 | 262 (46.0%) | 95 (46.6%) | 167 (45.6%) |  |
| Somewhat uncertain - 2 | 81 (14.2%) | 35 (17.2%) | 46 (12.6%) |  |
| Very uncertain - 1 | 21 (3.7%) | 12 (5.9%) | 9 (2.5%) |  |
| **Score** | Sum:1,793  Mean:3.1 (±0.8) | Sum:615  Mean:3.0 (±0.8) | Sum:1,178  Mean:3.2 (±0.8) | **0.004** |
| **9.2 Wearing single gloves when drawing a patient’s blood will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | 0.3 |
| Very certain - 4 | 122 (21.4%) | 39 (19.1%) | 83 (22.7%) |  |
| Somewhat certain - 3 | 232 (40.7%) | 94 (46.1%) | 138 (37.7%) |  |
| Somewhat uncertain - 2 | 163 (28.6%) | 55 (27.0%) | 108 (29.5%) |  |
| Very uncertain - 1 | 53 (9.3%) | 16 (7.8%) | 37 (10.1%) |  |
| **Score** | Sum:1,563  Mean:2.7 (±0.9) | Sum:564  Mean:2.8 (±0.9) | Sum:999  Mean:2.7 (±0.9) | 0.6 |
| **9.3 Using sterilization equipment such as autoclave on instruments after use will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | **0.023** |
| Very certain - 4 | 287 (50.4%) | 89 (43.6%) | 198 (54.1%) |  |
| Somewhat certain - 3 | 230 (40.4%) | 88 (43.1%) | 142 (38.8%) |  |
| Somewhat uncertain - 2 | 45 (7.9%) | 22 (10.8%) | 23 (6.3%) |  |
| Very uncertain - 1 | 8 (1.4%) | 5 (2.5%) | 3 (0.8%) |  |
| **Score** | Sum:1,936  Mean:3.4 (±0.7) | Sum:669  Mean:3.3 (±0.8) | Sum:1,267  Mean:3.5 (±0.7) | **0.004** |
| **9.4 Using disposable syringes and needles will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | **<0.001** |
| Very certain - 4 | 345 (60.5%) | 98 (48.0%) | 247 (67.5%) |  |
| Somewhat certain - 3 | 182 (31.9%) | 84 (41.2%) | 98 (26.8%) |  |
| Somewhat uncertain - 2 | 32 (5.6%) | 17 (8.3%) | 15 (4.1%) |  |
| Very uncertain - 1 | 11 (1.9%) | 5 (2.5%) | 6 (1.6%) |  |
| **Score** | Sum:2,001  Mean:3.5 (±0.7) | Sum:683  Mean:3.3 (±0.7) | Sum:1,318  Mean:3.6 (±0.6) | **<0.001** |
| **9.5 Disposing sharp instruments and objects into a specific container will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | **<0.001** |
| Very certain - 4 | 335 (58.8%) | 98 (48.0%) | 237 (64.8%) |  |
| Somewhat certain - 3 | 198 (34.7%) | 84 (41.2%) | 114 (31.1%) |  |
| Somewhat uncertain - 2 | 30 (5.3%) | 17 (8.3%) | 13 (3.6%) |  |
| Very uncertain - 1 | 7 (1.2%) | 5 (2.5%) | 2 (0.5%) |  |
| **Score** | Sum:2,001  Mean:3.5 (±0.7) | Sum:683  Mean:3.3 (±0.7) | Sum:1,318  Mean:3.6 (±0.6) | **<0.001** |
| **9.6 Separating medical and infectious waste from other waste for disposal will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | **<0.001** |
| Very certain - 4 | 347 (60.9%) | 102 (50.0%) | 245 (66.9%) |  |
| Somewhat certain - 3 | 192 (33.7%) | 81 (39.7%) | 111 (30.3%) |  |
| Somewhat uncertain - 2 | 25 (4.4%) | 17 (8.3%) | 8 (2.2%) |  |
| Very uncertain - 1 | 6 (1.1%) | 4 (2.0%) | 2 (0.5%) |  |
| **Score** | Sum:2,020  Mean:3.5 (±0.6) | Sum:689  Mean:3.4 (±0.7) | Sum:1,331  Mean:3.6 (±0.6) | **<0.001** |
| **9.7 PEP (Post Exposure Prophylaxis) drugs after a needle prick will prevent you from becoming infected with HIV when caring for PLHIV.** |  |  |  | 0.5 |
| Very certain - 4 | 214 (37.5%) | 77 (37.7%) | 137 (37.4%) |  |
| Somewhat certain - 3 | 249 (43.7%) | 95 (46.6%) | 154 (42.1%) |  |
| Somewhat uncertain - 2 | 89 (15.6%) | 26 (12.7%) | 63 (17.2%) |  |
| Very uncertain - 1 | 18 (3.2%) | 6 (2.9%) | 12 (3.3%) |  |
| **Score** | Sum:1,799  Mean:3.2 (±0.8) | Sum:651  Mean:3.2 (±0.8) | Sum:1,148  Mean:3.1 (±0.8) | 0.4 |
| **Total score** | Sum:13,113  Mean:23.0 (±3.8) | Sum:4,554  Mean:22.3 (±4.3) | Sum:8,559  Mean:23.4 (±3.5) | **0.003** |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### 

### Table 14: Factor associated with intention to discriminate while performing invasive procedures

(N = 570)

|  | **Intention to discriminate** | | | **Univariate** | | | **Multivariate** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **Overall**  N = 570*1* | **Score < 2**  N = 209*1* | **Score >= 2**  N = 361*1* | **OR** | **95% CI** | **p-value** | **OR** | **95% CI** | **p-value** |
| **Gender** |  |  |  |  |  | **0.12** |  |  |  |
| Male | 130 (23%) | 51 (24%) | 79 (22%) | — | — |  |  |  |  |
| Female | 433 (76%) | 153 (73%) | 280 (78%) | 1.18 | 0.79, 1.76 |  |  |  |  |
| Not specified | 7 (1.2%) | 5 (2.4%) | 2 (0.6%) | 0.26 | 0.04, 1.25 |  |  |  |  |
| **Place of origin (Region)** |  |  |  |  |  | 0.2 |  |  |  |
| Bangkok and perimeters | 222 (39%) | 90 (43%) | 132 (37%) | — | — |  |  |  |  |
| Central & North | 146 (26%) | 44 (21%) | 102 (28%) | 1.58 | 1.02, 2.48 |  |  |  |  |
| East & Northeast | 103 (18%) | 42 (20%) | 61 (17%) | 0.99 | 0.62, 1.60 |  |  |  |  |
| West & South | 97 (17%) | 32 (15%) | 65 (18%) | 1.38 | 0.84, 2.30 |  |  |  |  |
| Not specified | 2 (0.4%) | 1 (0.5%) | 1 (0.3%) | 0.68 | 0.03, 17.4 |  |  |  |  |
| **Age (years)** | 21.5 (19, 30) | 21.4 (19, 30) | 21.5 (19, 26) | 1.03 | 0.90, 1.19 | 0.6 |  |  |  |
| **Type** |  |  |  |  |  | 0.3 |  |  |  |
| Medical | 204 (36%) | 81 (39%) | 123 (34%) | — | — |  |  |  |  |
| Nurse | 366 (64%) | 128 (61%) | 238 (66%) | 1.22 | 0.86, 1.74 |  |  |  |  |
| **Year of study (early or final clinical year)** |  |  |  |  |  | **<0.001** |  |  | **<0.001** |
| Early clinical years | 371 (65%) | 156 (75%) | 215 (60%) | — | — |  | — | — |  |
| Final clinical year | 199 (35%) | 53 (25%) | 146 (40%) | 2.00 | 1.38, 2.93 |  | 2.13 | 1.41, 3.26 |  |
| **Have you ever contacted/taken care of HIV patients?** |  |  |  |  |  | >0.9 |  |  |  |
| Yes | 192 (34%) | 71 (34%) | 121 (34%) | — | — |  |  |  |  |
| No | 378 (66%) | 138 (66%) | 240 (66%) | 1.02 | 0.71, 1.46 |  |  |  |  |
| **Have you ever been tested for HIV?** |  |  |  |  |  | 0.6 |  |  |  |
| Yes | 148 (26%) | 52 (25%) | 96 (27%) | — | — |  |  |  |  |
| No | 287 (50%) | 111 (53%) | 176 (49%) | 0.86 | 0.57, 1.29 |  |  |  |  |
| Not sure | 135 (24%) | 46 (22%) | 89 (25%) | 1.05 | 0.64, 1.71 |  |  |  |  |
| **HIV knowledge** | 7.4 (3, 9) | 7.7 (4, 9) | 7.3 (3, 9) | 0.76 | 0.65, 0.87 | **<0.001** | 0.77 | 0.66, 0.90 | **<0.001** |
| **Standard precautions on HIV knowledge** | 9.3 (4, 12) | 9.2 (5, 12) | 9.3 (4, 12) | 1.02 | 0.89, 1.16 | 0.8 |  |  |  |
| **Confidence of protective measures** | 23.0 (7, 28) | 23.5 (8, 28) | 22.7 (7, 28) | 0.94 | 0.90, 0.99 | **0.012** |  |  |  |
| **Worried about performing invasive procedures** | 19.8 (8, 32) | 16.9 (8, 31) | 21.5 (8, 32) | 1.22 | 1.17, 1.28 | **<0.001** | 1.22 | 1.17, 1.28 | **<0.001** |
| **Worried about getting HIV infection** | 7.5 (3, 12) | 6.5 (3, 12) | 8.0 (3, 12) | 1.47 | 1.34, 1.62 | **<0.001** |  |  |  |
| *1*n (%); Mean (Min, Max) | | | | | | | | | |
| Abbreviations: CI = Confidence Interval, OR = Odds Ratio | | | | | | | | | |