### 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%) |  |
| North | 63 (11.1%) | 4 (2.0%) | 59 (16.1%) |  |
| Central | 83 (14.6%) | 33 (16.2%) | 50 (13.7%) |  |
| East | 31 (5.4%) | 6 (2.9%) | 25 (6.8%) |  |
| Northeast | 72 (12.6%) | 12 (5.9%) | 60 (16.4%) |  |
| West | 25 (4.4%) | 3 (1.5%) | 22 (6.0%) |  |
| South | 72 (12.6%) | 15 (7.4%) | 57 (15.6%) |  |
| 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** |
| *1*n (%); Median (Q1, Q3); Mean (Min, Max) | | | | |
| *2*Fisher's exact test; Wilcoxon rank sum test; Pearson's Chi-squared test | | | | |

### Table 6: Professional community norms

(n = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **4.2 How many would be comfortable having a person with HIV cooking for them?** |  |  |  | 0.5 |
| All - 1 | 23 (4.0%) | 8 (3.9%) | 15 (4.1%) |  |
| Most - 2 | 122 (21.4%) | 45 (22.1%) | 77 (21.0%) |  |
| Some - 3 | 266 (46.7%) | 87 (42.6%) | 179 (48.9%) |  |
| No one - 4 | 159 (27.9%) | 64 (31.4%) | 95 (26.0%) |  |
| **Score** | Sum:1,701  Mean:3.0 (±0.8) | Sum:615  Mean:3.0 (±0.8) | Sum:1,086  Mean:3.0 (±0.8) | 0.5 |
| **4.3 How many would avoid visiting the homes of people with HIV?** |  |  |  | 0.8 |
| No one - 1 | 297 (52.1%) | 104 (51.0%) | 193 (52.7%) |  |
| Some - 2 | 219 (38.4%) | 78 (38.2%) | 141 (38.5%) |  |
| Most - 3 | 46 (8.1%) | 18 (8.8%) | 28 (7.7%) |  |
| All - 4 | 8 (1.4%) | 4 (2.0%) | 4 (1.1%) |  |
| **Score** | Sum:905  Mean:1.6 (±0.7) | Sum:330  Mean:1.6 (±0.7) | Sum:575  Mean:1.6 (±0.7) | 0.5 |
| **4.4 How many think that if someone has HIV. It’s due to having engaged in bad behaviors** |  |  |  | 0.6 |
| No one - 1 | 200 (35.1%) | 71 (34.8%) | 129 (35.2%) |  |
| Some - 2 | 292 (51.2%) | 100 (49.0%) | 192 (52.5%) |  |
| Most - 3 | 67 (11.8%) | 28 (13.7%) | 39 (10.7%) |  |
| All - 4 | 11 (1.9%) | 5 (2.5%) | 6 (1.6%) |  |
| **Score** | Sum:1,029  Mean:1.8 (±0.7) | Sum:375  Mean:1.8 (±0.7) | Sum:654  Mean:1.8 (±0.7) | 0.4 |
| **4.5 How many think that people with HIV deserve their disease** |  |  |  | **0.026** |
| No one - 1 | 418 (73.3%) | 137 (67.2%) | 281 (76.8%) |  |
| Some - 2 | 144 (25.3%) | 62 (30.4%) | 82 (22.4%) |  |
| Most - 3 | 7 (1.2%) | 4 (2.0%) | 3 (0.8%) |  |
| All - 4 | 1 (0.2%) | 1 (0.5%) | 0 (0.0%) |  |
| **Score** | Sum:731  Mean:1.3 (±0.5) | Sum:277  Mean:1.4 (±0.5) | Sum:454  Mean:1.2 (±0.4) | **0.009** |
| **4.6 How many think that people with HIV should feel guilty about their infection** |  |  |  | 0.3 |
| No one - 1 | 329 (57.7%) | 110 (53.9%) | 219 (59.8%) |  |
| Some - 2 | 189 (33.2%) | 77 (37.7%) | 112 (30.6%) |  |
| Most - 3 | 42 (7.4%) | 13 (6.4%) | 29 (7.9%) |  |
| All - 4 | 10 (1.8%) | 4 (2.0%) | 6 (1.6%) |  |
| **Score** | Sum:873  Mean:1.5 (±0.7) | Sum:319  Mean:1.6 (±0.7) | Sum:554  Mean:1.5 (±0.7) | 0.4 |
| **4.7 How many think that people with HIV have brought shame upon their families** |  |  |  | 0.4 |
| No one - 1 | 322 (56.5%) | 110 (53.9%) | 212 (57.9%) |  |
| Some - 2 | 206 (36.1%) | 74 (36.3%) | 132 (36.1%) |  |
| Most - 3 | 35 (6.1%) | 17 (8.3%) | 18 (4.9%) |  |
| All - 4 | 7 (1.2%) | 3 (1.5%) | 4 (1.1%) |  |
| **Score** | Sum:867  Mean:1.5 (±0.7) | Sum:321  Mean:1.6 (±0.7) | Sum:546  Mean:1.5 (±0.6) | 0.2 |
| **Total score** | Sum:6,106  Mean:10.7 (±2.5) | Sum:2,237  Mean:11.0 (±2.6) | Sum:3,869  Mean:10.6 (±2.4) | 0.074 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### Table 7A: Healthcare policies

(n = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **5.1 Healthcare workers should be able to refuse to treat a person with HIV.** |  |  |  | 0.8 |
| Strongly disagree - 1 | 323 (56.7%) | 118 (57.8%) | 205 (56.0%) |  |
| Disagree - 2 | 199 (34.9%) | 67 (32.8%) | 132 (36.1%) |  |
| Agree - 3 | 32 (5.6%) | 13 (6.4%) | 19 (5.2%) |  |
| Strongly agree - 4 | 16 (2.8%) | 6 (2.9%) | 10 (2.7%) |  |
| **Score** | Sum:881  Mean:1.5 (±0.7) | Sum:315  Mean:1.5 (±0.7) | Sum:566  Mean:1.5 (±0.7) | >0.9 |
| **5.2 People with HIV should have the right to decide whether or not to disclose their HIV status to their healthcare providers.** |  |  |  | 0.2 |
| Strongly agree - 1 | 112 (19.6%) | 32 (15.7%) | 80 (21.9%) |  |
| Agree - 2 | 71 (12.5%) | 30 (14.7%) | 41 (11.2%) |  |
| Disagree - 3 | 131 (23.0%) | 50 (24.5%) | 81 (22.1%) |  |
| Strongly disagree - 4 | 256 (44.9%) | 92 (45.1%) | 164 (44.8%) |  |
| **Score** | Sum:1,671  Mean:2.9 (±1.2) | Sum:610  Mean:3.0 (±1.1) | Sum:1,061  Mean:2.9 (±1.2) | 0.4 |
| **5.3 Employers should not be able to fire a worker living with HIV.** |  |  |  | **0.022** |
| Strongly agree - 1 | 237 (41.6%) | 82 (40.2%) | 155 (42.3%) |  |
| Agree - 2 | 180 (31.6%) | 56 (27.5%) | 124 (33.9%) |  |
| Disagree - 3 | 88 (15.4%) | 32 (15.7%) | 56 (15.3%) |  |
| Strongly disagree - 4 | 65 (11.4%) | 34 (16.7%) | 31 (8.5%) |  |
| **Score** | Sum:1,121  Mean:2.0 (±1.0) | Sum:426  Mean:2.1 (±1.1) | Sum:695  Mean:1.9 (±1.0) | **0.040** |
| **5.4 Women with the HIV infection should NOT be allowed to marry.** |  |  |  | 0.6 |
| Strongly disagree - 1 | 403 (70.7%) | 140 (68.6%) | 263 (71.9%) |  |
| Disagree - 2 | 132 (23.2%) | 48 (23.5%) | 84 (23.0%) |  |
| Agree - 3 | 19 (3.3%) | 9 (4.4%) | 10 (2.7%) |  |
| Strongly agree - 4 | 16 (2.8%) | 7 (3.4%) | 9 (2.5%) |  |
| **Score** | Sum:788  Mean:1.4 (±0.7) | Sum:291  Mean:1.4 (±0.7) | Sum:497  Mean:1.4 (±0.7) | 0.3 |
| **5.5 Men with the HIV infection should NOT be allowed to marry.** |  |  |  | 0.3 |
| Strongly disagree - 1 | 400 (70.2%) | 136 (66.7%) | 264 (72.1%) |  |
| Disagree - 2 | 135 (23.7%) | 51 (25.0%) | 84 (23.0%) |  |
| Agree - 3 | 23 (4.0%) | 12 (5.9%) | 11 (3.0%) |  |
| Strongly agree - 4 | 12 (2.1%) | 5 (2.5%) | 7 (1.9%) |  |
| **Score** | Sum:787  Mean:1.4 (±0.7) | Sum:294  Mean:1.4 (±0.7) | Sum:493  Mean:1.3 (±0.6) | 0.12 |
| **5.6 A landlord should not have the right to refuse to rent a room to a person with HIV.** |  |  |  | **<0.001** |
| Strongly agree - 1 | 205 (36.0%) | 71 (34.8%) | 134 (36.6%) |  |
| Agree - 2 | 126 (22.1%) | 29 (14.2%) | 97 (26.5%) |  |
| Disagree - 3 | 129 (22.6%) | 52 (25.5%) | 77 (21.0%) |  |
| Strongly disagree - 4 | 110 (19.3%) | 52 (25.5%) | 58 (15.8%) |  |
| **Score** | Sum:1,284  Mean:2.3 (±1.1) | Sum:493  Mean:2.4 (±1.2) | Sum:791  Mean:2.2 (±1.1) | **0.013** |
| **5.7 A man with HIV should have the right to decide whether or not to disclose his HIV status to his wife.** |  |  |  | **0.047** |
| Strongly agree - 1 | 49 (8.6%) | 12 (5.9%) | 37 (10.1%) |  |
| Agree - 2 | 65 (11.4%) | 19 (9.3%) | 46 (12.6%) |  |
| Disagree - 3 | 184 (32.3%) | 61 (29.9%) | 123 (33.6%) |  |
| Strongly disagree - 4 | 272 (47.7%) | 112 (54.9%) | 160 (43.7%) |  |
| **Score** | Sum:1,819  Mean:3.2 (±0.9) | Sum:681  Mean:3.3 (±0.9) | Sum:1,138  Mean:3.1 (±1.0) | **0.004** |
| **5.8 A woman with HIV should have the right to decide whether or not to disclose her HIV status to her husband.** |  |  |  | 0.081 |
| Strongly agree - 1 | 47 (8.2%) | 12 (5.9%) | 35 (9.6%) |  |
| Agree - 2 | 68 (11.9%) | 20 (9.8%) | 48 (13.1%) |  |
| Disagree - 3 | 188 (33.0%) | 63 (30.9%) | 125 (34.2%) |  |
| Strongly disagree - 4 | 267 (46.8%) | 109 (53.4%) | 158 (43.2%) |  |
| **Score** | Sum:1,815  Mean:3.2 (±0.9) | Sum:677  Mean:3.3 (±0.9) | Sum:1,138  Mean:3.1 (±1.0) | **0.009** |
| **5.9 All female sex workers should be required to be tested for HIV.** |  |  |  | **<0.001** |
| Strongly disagree - 1 | 22 (3.9%) | 14 (6.9%) | 8 (2.2%) |  |
| Disagree - 2 | 19 (3.3%) | 12 (5.9%) | 7 (1.9%) |  |
| Agree - 3 | 55 (9.6%) | 23 (11.3%) | 32 (8.7%) |  |
| Strongly agree - 4 | 474 (83.2%) | 155 (76.0%) | 319 (87.2%) |  |
| **Score** | Sum:2,121  Mean:3.7 (±0.7) | Sum:727  Mean:3.6 (±0.9) | Sum:1,394  Mean:3.8 (±0.6) | **<0.001** |
| **5.10 Women with HIV should have the right to have children.** |  |  |  | **<0.001** |
| Strongly agree - 1 | 131 (23.0%) | 72 (35.3%) | 59 (16.1%) |  |
| Agree - 2 | 208 (36.5%) | 67 (32.8%) | 141 (38.5%) |  |
| Disagree - 3 | 166 (29.1%) | 45 (22.1%) | 121 (33.1%) |  |
| Strongly disagree - 4 | 65 (11.4%) | 20 (9.8%) | 45 (12.3%) |  |
| **Score** | Sum:1,305  Mean:2.3 (±0.9) | Sum:421  Mean:2.1 (±1.0) | Sum:884  Mean:2.4 (±0.9) | **<0.001** |
| **5.11 People with HIV should have the right to decide whether or not to disclose their HIV status to their family (other than their spouse).** |  |  |  | 0.3 |
| Strongly agree - 1 | 155 (27.2%) | 52 (25.5%) | 103 (28.1%) |  |
| Agree - 2 | 225 (39.5%) | 86 (42.2%) | 139 (38.0%) |  |
| Disagree - 3 | 124 (21.8%) | 38 (18.6%) | 86 (23.5%) |  |
| Strongly disagree - 4 | 66 (11.6%) | 28 (13.7%) | 38 (10.4%) |  |
| **Score** | Sum:1,241  Mean:2.2 (±1.0) | Sum:450  Mean:2.2 (±1.0) | Sum:791  Mean:2.2 (±1.0) | 0.6 |
| **5.12 Children with HIV should have the right to attend school.** |  |  |  | **<0.001** |
| Strongly agree - 1 | 432 (75.8%) | 143 (70.1%) | 289 (79.0%) |  |
| Agree - 2 | 97 (17.0%) | 32 (15.7%) | 65 (17.8%) |  |
| Disagree - 3 | 24 (4.2%) | 16 (7.8%) | 8 (2.2%) |  |
| Strongly disagree - 4 | 17 (3.0%) | 13 (6.4%) | 4 (1.1%) |  |
| **Score** | Sum:766  Mean:1.3 (±0.7) | Sum:307  Mean:1.5 (±0.9) | Sum:459  Mean:1.3 (±0.5) | **<0.001** |
| **5.13 All patients undergoing surgery should be required to be tested for HIV.** |  |  |  | **0.026** |
| Strongly disagree - 1 | 27 (4.7%) | 15 (7.4%) | 12 (3.3%) |  |
| Disagree - 2 | 48 (8.4%) | 23 (11.3%) | 25 (6.8%) |  |
| Agree - 3 | 160 (28.1%) | 50 (24.5%) | 110 (30.1%) |  |
| Strongly agree - 4 | 335 (58.8%) | 116 (56.9%) | 219 (59.8%) |  |
| **Score** | Sum:1,943  Mean:3.4 (±0.8) | Sum:675  Mean:3.3 (±0.9) | Sum:1,268  Mean:3.5 (±0.8) | **0.044** |
| **5.14 All medical personnel who perform surgery should be required to be tested for HIV regularly.** |  |  |  | **<0.001** |
| Strongly disagree - 1 | 24 (4.2%) | 13 (6.4%) | 11 (3.0%) |  |
| Disagree - 2 | 67 (11.8%) | 36 (17.6%) | 31 (8.5%) |  |
| Agree - 3 | 189 (33.2%) | 68 (33.3%) | 121 (33.1%) |  |
| Strongly agree - 4 | 290 (50.9%) | 87 (42.6%) | 203 (55.5%) |  |
| **Score** | Sum:1,885  Mean:3.3 (±0.8) | Sum:637  Mean:3.1 (±0.9) | Sum:1,248  Mean:3.4 (±0.8) | **<0.001** |
| **5.15 A patient who has HIV should have a clearly visible label on their medical files, identifying their infection.** |  |  |  | **<0.001** |
| Strongly disagree - 1 | 78 (13.7%) | 40 (19.6%) | 38 (10.4%) |  |
| Disagree - 2 | 130 (22.8%) | 60 (29.4%) | 70 (19.1%) |  |
| Agree - 3 | 170 (29.8%) | 49 (24.0%) | 121 (33.1%) |  |
| Strongly agree - 4 | 192 (33.7%) | 55 (27.0%) | 137 (37.4%) |  |
| **Score** | Sum:1,616  Mean:2.8 (±1.0) | Sum:527  Mean:2.6 (±1.1) | Sum:1,089  Mean:3.0 (±1.0) | **<0.001** |
| **5.16 Other patients in the ward have the right to know if a patient is infected with HIV.** |  |  |  | **0.004** |
| Strongly disagree - 1 | 205 (36.0%) | 72 (35.3%) | 133 (36.3%) |  |
| Disagree - 2 | 255 (44.7%) | 78 (38.2%) | 177 (48.4%) |  |
| Agree - 3 | 82 (14.4%) | 43 (21.1%) | 39 (10.7%) |  |
| Strongly agree - 4 | 28 (4.9%) | 11 (5.4%) | 17 (4.6%) |  |
| **Score** | Sum:1,073  Mean:1.9 (±0.8) | Sum:401  Mean:2.0 (±0.9) | Sum:672  Mean:1.8 (±0.8) | 0.083 |
| **5.17 PLHIV should only have the right to marry other PLHIV.** |  |  |  | 0.12 |
| Strongly disagree - 1 | 315 (55.3%) | 117 (57.4%) | 198 (54.1%) |  |
| Disagree - 2 | 181 (31.8%) | 54 (26.5%) | 127 (34.7%) |  |
| Agree - 3 | 54 (9.5%) | 25 (12.3%) | 29 (7.9%) |  |
| Strongly agree - 4 | 20 (3.5%) | 8 (3.9%) | 12 (3.3%) |  |
| **Score** | Sum:919  Mean:1.6 (±0.8) | Sum:332  Mean:1.6 (±0.8) | Sum:587  Mean:1.6 (±0.8) | 0.7 |
| **5.18 Blood test for HIV without a patient acknowledgement or consent is acceptable.** |  |  |  | **0.003** |
| Strongly disagree - 1 | 246 (43.2%) | 76 (37.3%) | 170 (46.4%) |  |
| Disagree - 2 | 198 (34.7%) | 66 (32.4%) | 132 (36.1%) |  |
| Agree - 3 | 96 (16.8%) | 45 (22.1%) | 51 (13.9%) |  |
| Strongly agree - 4 | 30 (5.3%) | 17 (8.3%) | 13 (3.6%) |  |
| **Score** | Sum:1,050  Mean:1.8 (±0.9) | Sum:411  Mean:2.0 (±1.0) | Sum:639  Mean:1.7 (±0.8) | **<0.001** |
| **5.19 There are adequate supplies in the hospital where you train to help reduce your risk of becoming infected with HIV.** |  |  |  | **<0.001** |
| Strongly agree - 1 | 310 (54.4%) | 91 (44.6%) | 219 (59.8%) |  |
| Agree - 2 | 192 (33.7%) | 72 (35.3%) | 120 (32.8%) |  |
| Disagree - 3 | 47 (8.2%) | 24 (11.8%) | 23 (6.3%) |  |
| Strongly disagree - 4 | 21 (3.7%) | 17 (8.3%) | 4 (1.1%) |  |
| **Score** | Sum:919  Mean:1.6 (±0.8) | Sum:375  Mean:1.8 (±0.9) | Sum:544  Mean:1.5 (±0.7) | **<0.001** |
| **Total score** | Sum:25,004  Mean:43.9 (±5.6) | Sum:9,050  Mean:44.4 (±5.4) | Sum:15,954  Mean:43.6 (±5.8) | 0.11 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### Table 7A: Healthcare policies (Agree & Disagree)

(n = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **5.1 Healthcare workers should be able to refuse to treat a person with HIV.** |  |  |  | 0.6 |
| Agree | 48 (8.4%) | 19 (9.3%) | 29 (7.9%) |  |
| Disagree | 522 (91.6%) | 185 (90.7%) | 337 (92.1%) |  |
| **5.2 People with HIV should have the right to decide whether or not to disclose their HIV status to their healthcare providers.** |  |  |  | 0.5 |
| Agree | 183 (32.1%) | 62 (30.4%) | 121 (33.1%) |  |
| Disagree | 387 (67.9%) | 142 (69.6%) | 245 (66.9%) |  |
| **5.3 Employers should not be able to fire a worker living with HIV.** |  |  |  | **0.027** |
| Agree | 417 (73.2%) | 138 (67.6%) | 279 (76.2%) |  |
| Disagree | 153 (26.8%) | 66 (32.4%) | 87 (23.8%) |  |
| **5.4 Women with the HIV infection should NOT be allowed to marry.** |  |  |  | 0.2 |
| Agree | 35 (6.1%) | 16 (7.8%) | 19 (5.2%) |  |
| Disagree | 535 (93.9%) | 188 (92.2%) | 347 (94.8%) |  |
| **5.5 Men with the HIV infection should NOT be allowed to marry.** |  |  |  | 0.10 |
| Agree | 35 (6.1%) | 17 (8.3%) | 18 (4.9%) |  |
| Disagree | 535 (93.9%) | 187 (91.7%) | 348 (95.1%) |  |
| **5.6 A landlord should not have the right to refuse to rent a room to a person with HIV.** |  |  |  | **0.001** |
| Agree | 331 (58.1%) | 100 (49.0%) | 231 (63.1%) |  |
| Disagree | 239 (41.9%) | 104 (51.0%) | 135 (36.9%) |  |
| **5.7 A man with HIV should have the right to decide whether or not to disclose his HIV status to his wife.** |  |  |  | **0.032** |
| Agree | 114 (20.0%) | 31 (15.2%) | 83 (22.7%) |  |
| Disagree | 456 (80.0%) | 173 (84.8%) | 283 (77.3%) |  |
| **5.8 A woman with HIV should have the right to decide whether or not to disclose her HIV status to her husband.** |  |  |  | **0.046** |
| Agree | 115 (20.2%) | 32 (15.7%) | 83 (22.7%) |  |
| Disagree | 455 (79.8%) | 172 (84.3%) | 283 (77.3%) |  |
| **5.9 All female sex workers should be required to be tested for HIV.** |  |  |  | **<0.001** |
| Agree | 529 (92.8%) | 178 (87.3%) | 351 (95.9%) |  |
| Disagree | 41 (7.2%) | 26 (12.7%) | 15 (4.1%) |  |
| **5.10 Women with HIV should have the right to have children.** |  |  |  | **0.002** |
| Agree | 339 (59.5%) | 139 (68.1%) | 200 (54.6%) |  |
| Disagree | 231 (40.5%) | 65 (31.9%) | 166 (45.4%) |  |
| **5.11 People with HIV should have the right to decide whether or not to disclose their HIV status to their family (other than their spouse).** |  |  |  | 0.7 |
| Agree | 380 (66.7%) | 138 (67.6%) | 242 (66.1%) |  |
| Disagree | 190 (33.3%) | 66 (32.4%) | 124 (33.9%) |  |
| **5.12 Children with HIV should have the right to attend school.** |  |  |  | **<0.001** |
| Agree | 529 (92.8%) | 175 (85.8%) | 354 (96.7%) |  |
| Disagree | 41 (7.2%) | 29 (14.2%) | 12 (3.3%) |  |
| **5.13 All patients undergoing surgery should be required to be tested for HIV.** |  |  |  | **0.004** |
| Agree | 495 (86.8%) | 166 (81.4%) | 329 (89.9%) |  |
| Disagree | 75 (13.2%) | 38 (18.6%) | 37 (10.1%) |  |
| **5.14 All medical personnel who perform surgery should be required to be tested for HIV regularly.** |  |  |  | **<0.001** |
| Agree | 479 (84.0%) | 155 (76.0%) | 324 (88.5%) |  |
| Disagree | 91 (16.0%) | 49 (24.0%) | 42 (11.5%) |  |
| **5.15 A patient who has HIV should have a clearly visible label on their medical files, identifying their infection.** |  |  |  | **<0.001** |
| Agree | 362 (63.5%) | 104 (51.0%) | 258 (70.5%) |  |
| Disagree | 208 (36.5%) | 100 (49.0%) | 108 (29.5%) |  |
| **5.16 Other patients in the ward have the right to know if a patient is infected with HIV.** |  |  |  | **0.001** |
| Agree | 110 (19.3%) | 54 (26.5%) | 56 (15.3%) |  |
| Disagree | 460 (80.7%) | 150 (73.5%) | 310 (84.7%) |  |
| **5.17 PLHIV should only have the right to marry other PLHIV.** |  |  |  | 0.090 |
| Agree | 74 (13.0%) | 33 (16.2%) | 41 (11.2%) |  |
| Disagree | 496 (87.0%) | 171 (83.8%) | 325 (88.8%) |  |
| **5.18 Blood test for HIV without a patient acknowledgement or consent is acceptable.** |  |  |  | **<0.001** |
| Agree | 126 (22.1%) | 62 (30.4%) | 64 (17.5%) |  |
| Disagree | 444 (77.9%) | 142 (69.6%) | 302 (82.5%) |  |
| **5.19 There are adequate supplies in the hospital where you train to help reduce your risk of becoming infected with HIV.** |  |  |  | **<0.001** |
| Agree | 502 (88.1%) | 163 (79.9%) | 339 (92.6%) |  |
| Disagree | 68 (11.9%) | 41 (20.1%) | 27 (7.4%) |  |
| *1*n (%) | | | | |
| *2*Pearson's Chi-squared test | | | | |

### Table 7B: q5.20 – q5.23

(n = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **5.20 Most of PLHIV do not care that they could infect other people.** |  |  |  | **0.031** |
| Strongly disagree - 1 | 123 (21.6%) | 44 (21.6%) | 79 (21.6%) |  |
| Disagree - 2 | 307 (53.9%) | 101 (49.5%) | 206 (56.3%) |  |
| Agree - 3 | 120 (21.1%) | 46 (22.5%) | 74 (20.2%) |  |
| Strongly agree - 4 | 20 (3.5%) | 13 (6.4%) | 7 (1.9%) |  |
| **Score** | Sum:1,177  Mean:2.1 (±0.8) | Sum:436  Mean:2.1 (±0.8) | Sum:741  Mean:2.0 (±0.7) | 0.10 |
| **5.21 PLHIV should be shamed about their HIV status.** |  |  |  | **0.038** |
| Strongly disagree - 1 | 272 (47.7%) | 89 (43.6%) | 183 (50.0%) |  |
| Disagree - 2 | 223 (39.1%) | 78 (38.2%) | 145 (39.6%) |  |
| Agree - 3 | 66 (11.6%) | 31 (15.2%) | 35 (9.6%) |  |
| Strongly agree - 4 | 9 (1.6%) | 6 (2.9%) | 3 (0.8%) |  |
| **Score** | Sum:952  Mean:1.7 (±0.7) | Sum:362  Mean:1.8 (±0.8) | Sum:590  Mean:1.6 (±0.7) | **0.016** |
| **5.22 People get infected with HIV because they engage in irresponsible or immoral behaviors.** |  |  |  | 0.3 |
| Strongly disagree - 1 | 251 (44.0%) | 85 (41.7%) | 166 (45.4%) |  |
| Disagree - 2 | 258 (45.3%) | 93 (45.6%) | 165 (45.1%) |  |
| Agree - 3 | 57 (10.0%) | 23 (11.3%) | 34 (9.3%) |  |
| Strongly agree - 4 | 4 (0.7%) | 3 (1.5%) | 1 (0.3%) |  |
| **Score** | Sum:954  Mean:1.7 (±0.7) | Sum:352  Mean:1.7 (±0.7) | Sum:602  Mean:1.6 (±0.7) | 0.2 |
| **5.23 Women living with HIV should be allowed to have babies if they wish.** |  |  |  | **0.040** |
| Strongly agree - 1 | 148 (26.0%) | 67 (32.8%) | 81 (22.1%) |  |
| Agree - 2 | 234 (41.1%) | 79 (38.7%) | 155 (42.3%) |  |
| Disagree - 3 | 130 (22.8%) | 39 (19.1%) | 91 (24.9%) |  |
| Strongly disagree - 4 | 58 (10.2%) | 19 (9.3%) | 39 (10.7%) |  |
| **Score** | Sum:1,238  Mean:2.2 (±0.9) | Sum:418  Mean:2.0 (±0.9) | Sum:820  Mean:2.2 (±0.9) | **0.020** |
| **Total score** | Sum:4,321  Mean:7.6 (±2.0) | Sum:1,568  Mean:7.7 (±2.1) | Sum:2,753  Mean:7.5 (±1.9) | 0.4 |
| *1*n (%); Sum:Sum  Mean:Mean (±SD) | | | | |
| *2*Pearson's Chi-squared test; Welch Two Sample t-test; Fisher's exact test | | | | |

### Table 7B: q5.20 – q5.23 (Agree & Disagree)

(n = 570)

|  | **Overall**  N = 570*1* | **Medical**  N = 204*1* | **Nurse**  N = 366*1* | **p-value***2* |
| --- | --- | --- | --- | --- |
| **5.20 Most of PLHIV do not care that they could infect other people.** |  |  |  | 0.071 |
| Agree | 140 (24.6%) | 59 (28.9%) | 81 (22.1%) |  |
| Disagree | 430 (75.4%) | 145 (71.1%) | 285 (77.9%) |  |
| **5.21 PLHIV should be shamed about their HIV status.** |  |  |  | **0.009** |
| Agree | 75 (13.2%) | 37 (18.1%) | 38 (10.4%) |  |
| Disagree | 495 (86.8%) | 167 (81.9%) | 328 (89.6%) |  |
| **5.22 People get infected with HIV because they engage in irresponsible or immoral behaviors.** |  |  |  | 0.2 |
| Agree | 61 (10.7%) | 26 (12.7%) | 35 (9.6%) |  |
| Disagree | 509 (89.3%) | 178 (87.3%) | 331 (90.4%) |  |
| **5.23 Women living with HIV should be allowed to have babies if they wish.** |  |  |  | 0.084 |
| Agree | 382 (67.0%) | 146 (71.6%) | 236 (64.5%) |  |
| Disagree | 188 (33.0%) | 58 (28.4%) | 130 (35.5%) |  |
| *1*n (%) | | | | |
| *2*Pearson's Chi-squared test | | | | |

### 

### Table 15: Factors associated with students attitudes towards endorsement of coercive policies related to HIV stigma (q5.1 - q5.19)

(n = 570)

|  | **Attitude** | | | **Univariate** | | | **Multivariate** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **Overall**  N = 570*1* | **Score <= 2**  N = 98*1* | **Score > 2**  N = 472*1* | **OR** | **95% CI** | **p-value** | **OR** | **95% CI** | **p-value** |
| **Gender** |  |  |  |  |  | 0.8 |  |  |  |
| Male | 130 (23%) | 20 (20%) | 110 (23%) | — | — |  |  |  |  |
| Female | 433 (76%) | 77 (79%) | 356 (75%) | 0.84 | 0.48, 1.41 |  |  |  |  |
| Not specified | 7 (1.2%) | 1 (1.0%) | 6 (1.3%) | 1.09 | 0.17, 21.2 |  |  |  |  |
| **Type** |  |  |  |  |  | **0.2** |  |  | **0.038** |
| Medical | 204 (36%) | 29 (30%) | 175 (37%) | — | — |  | — | — |  |
| Nurse | 366 (64%) | 69 (70%) | 297 (63%) | 0.71 | 0.44, 1.13 |  | 0.58 | 0.34, 0.97 |  |
| **Year of study (early or final clinical year)** |  |  |  |  |  | 0.4 |  |  |  |
| Early clinical years | 371 (65%) | 60 (61%) | 311 (66%) | — | — |  |  |  |  |
| Final clinical year | 199 (35%) | 38 (39%) | 161 (34%) | 0.82 | 0.52, 1.29 |  |  |  |  |
| **Have you ever contacted/taken care of HIV patients?** |  |  |  |  |  | **0.037** |  |  | **0.004** |
| Yes | 192 (34%) | 42 (43%) | 150 (32%) | — | — |  | — | — |  |
| No | 378 (66%) | 56 (57%) | 322 (68%) | 1.61 | 1.03, 2.51 |  | 2.06 | 1.25, 3.37 |  |
| **Have you ever been tested for HIV?** |  |  |  |  |  | >0.9 |  |  |  |
| Yes | 148 (26%) | 26 (27%) | 122 (26%) | — | — |  |  |  |  |
| No | 287 (50%) | 50 (51%) | 237 (50%) | 1.01 | 0.59, 1.69 |  |  |  |  |
| Not sure | 135 (24%) | 22 (22%) | 113 (24%) | 1.09 | 0.59, 2.05 |  |  |  |  |
| **HIV knowledge** | 7.4 (3, 9) | 7.7 (5, 9) | 7.4 (3, 9) | 0.80 | 0.67, 0.96 | **0.016** | 0.82 | 0.68, 0.99 | **0.037** |
| **Standard precautions on HIV knowledge** | 9.3 (4, 12) | 9.5 (5, 12) | 9.2 (4, 12) | 0.83 | 0.69, 1.00 | **0.049** | 0.86 | 0.71, 1.03 | 0.10 |
| *1*n (%); Mean (Min, Max) | | | | | | | | | |
| Abbreviations: CI = Confidence Interval, OR = Odds Ratio | | | | | | | | | |