| **Variables** | **N (%)** |
| --- | --- |
| **Gender** |  |
| Female | 161 (65.4) |
| Male | 85 (34.6) |
| **Institution of study** |  |
| Private | 158 (64.2) |
| Government | 88 (35.8) |
| **Province (of institution)** |  |
| Sindh | 181 (73.6) |
| Punjab | 44 (17.9) |
| KPK | 13 (5.3) |
| Balochistan | 8 (3.3) |
| **Mean monthly family income** |  |
| <50,000 PKR | 16 (6.5) |
| 50,000-100,000 PKR | 40 (16.3) |
| 100,000-200,000 PKR | 57 (23.2) |
| 200,000-300,000 PKR | 32 (13) |
| 300,000-400,000 PKR | 18 (7.3) |
| 400,000-500,000 PKR | 21 (8.5) |
| >500,000 PKR | 62 (25.2) |
| **Year of study** |  |
| 1st year | 36 (14.6) |
| 2nd year | 27 (10.9) |
| 3rd year | 64 (26.0) |
| 4th year | 76 (30.9) |
| 5th year | 43 (17.5) |

| **Variable** | **N (%)** |
| --- | --- |
| **Before completing this survey had you heard of palliative care?** | |
| Yes | 183 (74.4) |
| No | 63 (25.6) |
| **Have you, or anyone close to you, such as a friend or family member, required or had access to palliative care?** | |
| Yes | 91 (37.0) |
| No | 155 (63.0) |
| **Have you cared for someone at the end of life?** | |
| Yes | 97 (39.4) |
| No | 149 (60.6) |
| **Would you ever consider taking up palliative care as a profession?** | |
| Yes | 35 (14.2) |
| Maybe | 111 (45.1) |
| No | 100 (40.7) |

| PaCKs Questionnaire (%) | | | |
| --- | --- | --- | --- |
| Question | True | False | Don’t know |
| One goal of palliative care is to address any psychological issues brought up by serious illness | **78.0** | 5.3 | 16.7 |
| Stress from serious illness can be addressed by palliative care | **80.1** | 4.1 | 15.9 |
| Palliative care can help people manage the side effects of their medical treatments | **76.0** | 8.9 | 15.0 |
| When people receive palliative care, they must give up their other doctors | 8.1 | **77.6** | 14.2 |
| Palliative care is exclusively for people who are in the last six months of life | 17.5 | **51.2** | 31.3 |
| Palliative care is specifically for people with cancer | 15.9 | **73.2** | 11.0 |
| People must be in the hospital to receive palliative care | 12,6 | **72.4** | 15.0 |
| Palliative care is designed specifically for older adults | 13.0 | **76.8** | 10.2 |
| Palliative care is a team-based approach to care | **82.5** | 3.7 | 13.8 |
| One goal of palliative care is to help people better understand their treatment options | **68.7** | 7.3 | 24.0 |
| Palliative care encourages people to stop treatments aimed at curing their illness | 14.2 | **69.5** | 16.3 |
| One goal of palliative care is to improve a person’s ability to participate in daily activities | **85.0** | 5.7 | 9.3 |
| Palliative care helps the whole family cope with a serious illness | **80.9** | 5.3 | 13,8 |

PaCKs score: Mean: 9.699, SD: 2.76

| **Variables** | **PaCKs Score (Mean)** | **PaCKs (SD)** | **p- value** |
| --- | --- | --- | --- |
| **Gender** |  |  |  |
| Female | 9.91 | 2.51 | 0.145 |
| Male | 9.36 | 3.19 |
| **Institution of study** |  |  |  |
| Private | 9.91 | 2.99 | 0.146 |
| Government | 9.36 | 2.30 |
| **Province (of institution)** |  |  |  |
| Sindh | 9.87 | 2.69 | 0.561 |
| Punjab | 9.36 | 2.95 |
| KPK | 9.08 | 3.40 |
| Balochistan | 9.38 | 2.77 |
| **Mean monthly family income** |  |  |  |
| <50,000 PKR | 8.75 | 3.36 | 0.458 |
| 50,000-100,000 PKR | 9.45 | 2.70 |
| 100,000-200,000 PKR | 9.58 | 2.72 |
| 200,000-300,000 PKR | 9.59 | 2.70 |
| 300,000-400,000 PKR | 10.28 | 2.02 |
| 400,000-500,000 PKR | 10.57 | 3.09 |
| >500,000 PKR | 9.89 | 2.82 |
| **Year of study** |  |  |  |
| 1st year | 9.06 | 3.04 | 0.597 |
| 2nd year | 9.64 | 2.04 |
| 3rd year | 9.98 | 2.42 |
| 4th year | 9.79 | 2.78 |
| 5th year | 9.69 | 3.35 |

| **Variable** | **PaCK (Mean)** | **PaCK (SD)** | **p value** |
| --- | --- | --- | --- |
| **Before completing this survey had you heard of palliative care?** | | | |
| Yes | 10.17 | 2.39 | *<0.001* |
| No | 8.39 | 3.32 |
| **Have you, or anyone close to you, such as a friend or family member, required or had access to palliative care?** | | | |
| Yes | 10.0 | 2.57 | 0.224 |
| No | 9.55 | 2.88 |
| **Have you cared for someone at the end of life?** | | | |
| Yes | 9.52 | 2.80 | 0.352 |
| No | 9.85 | 2.76 |
| **Would you ever consider taking up palliative care as a profession?** | | | |
| Yes | 9.17 | 3.59 | 0.328 |
| Maybe | 9.96 | 2.48 |
| No | 9.65 | 2.75 |

| **Variables** | **Before completing this survey had you heard of palliative care?** | | **Chi- Square**  **values** | **p- value** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **Gender** | | | | |
| Female | 119 (73.9%) | 42 (26.1%) | 0.056 | 0.813 |
| Male | 64 (75.2%) | 21 (24.7%) |
| **Institution of study** | | | | |
| Private | 132 (83.5%) | 26 (16.5%) | 19.427 | *<0.001* |
| Government | 51 (58%) | 37 (42%) |
| **Province (of institution)** | | | | |
| Sindh | 141 (77.9%) | 40 (22.1%) | 5.727 | 0.126 |
| Punjab |  |  |
| KPK |  |  |
| Balochistan |  |  |
| **Mean monthly family income** | | | | |
| <50,000 PKR | 7 (43.8%) | 9 (56.3%) | 29.890 | *<0.001* |
| 50,000-100,000 PKR | 28 (70.0%) | 12 (30.0%) |
| 100,000-200,000 PKR | 35 (61.4%) | 22 (38.6%) |
| 200,000-300,000 PKR | 21 (65.6%) | 11 (34.4%) |
| 300,000-400,000 PKR | 17 (94.4%) | 1 (5.6%) |
| 400,000-500,000 PKR | 20 (95.2%) | 1 (4.8%) |
| >500,000 PKR | 55 (88.7%) | 7 (11.3%) |
| **Year of study** | | | | |
| 1st year | 18 (54.5%) | 15 (45.5%) | 18.960 | *<0.001* |
| 2nd year | 15 (60.0%) | 10 (40.0%) |
| 3rd year | 41 (69.5%) | 18 (30.5%) |
| 4th year | 55 (78.6%) | 15 (21.4%) |
| 5th year | 37 (94.9%) | 2(5.1%) |

| **Variables** | **Have you, or anyone close to you, such as a friend or family member, required or had access to palliative care?** | | **Chi- Square**  **values** | **p- value** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **Gender** | | | | |
| Female | 62 (38.5%) | 99 (61.5%) | 0.460 | 0.497 |
| Male | 29 (34.1%) | 56 (65.9%) |
| **Institution of study** | | | | |
| Private | 57 (36.1%) | 101 (63.9%) | 0.159 | 0.690 |
| Government | 34 (38.6%) | 54 (61.4%) |
| **Province (of institution)** | | | | |
| Sindh |  |  | 0.498 | 0.919 |
| Punjab |  |  |
| KPK |  |  |
| Balochistan |  |  |
| **Mean monthly family income** | | | | |
| <50,000 PKR |  |  | 6.884 | 0.332 |
| 50,000-100,000 PKR |  |  |
| 100,000-200,000 PKR |  |  |
| 200,000-300,000 PKR |  |  |
| 300,000-400,000 PKR |  |  |
| 400,000-500,000 PKR |  |  |
| >500,000 PKR |  |  |
| **Year of study** | | | | |
| 1st year |  |  | 3.528 | 0.474 |
| 2nd year |  |  |
| 3rd year |  |  |
| 4th year |  |  |
| 5th year |  |  |

| **Variables** | **Have you cared for someone at the end of life?** | | **Chi- Square**  **values** | **p- value** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **Gender** | | | | |
| Female | 55 (34.2%) | 106 (65.8%) | 5.417 | *0.020* |
| Male | 42 (49.4%) | 43 (50.6%) |
| **Institution of study** | | | | |
| Private | 65 (41.1%) | 93 (58.9%) | 0.540 | 0.463 |
| Government | 32 (36.4%) | 56 (63.6%) |
| **Province (of institution)** | | | | |
| Sindh |  |  | 4.575 | 0.206 |
| Punjab |  |  |
| KPK |  |  |
| Balochistan |  |  |
| **Mean monthly family income** | | | | |
| <50,000 PKR |  |  | 6.638 | 0.356 |
| 50,000-100,000 PKR |  |  |
| 100,000-200,000 PKR |  |  |
| 200,000-300,000 PKR |  |  |
| 300,000-400,000 PKR |  |  |
| 400,000-500,000 PKR |  |  |
| >500,000 PKR |  |  |
| **Year of study** | | | | |
| 1st year |  |  | 1.577 | 0.813 |
| 2nd year |  |  |
| 3rd year |  |  |
| 4th year |  |  |
| 5th year |  |  |

| **Variables** | **Would you ever consider taking up palliative care as a profession?** | | **Chi- Square**  **values** | **p- value** |
| --- | --- | --- | --- | --- |
| **Yes** | **No/ Maybe** |
| **Gender** | | | | |
| Female | 98 (60.9%) | 63 (39.1%) | 0.446 | 0.504 |
| Male | 48 (56.5%) | 37 (43.5%) |
| **Institution of study** | | | | |
| Private | 89 (56.3%) | 69 (43.7%) | 1.670 | 0.196 |
| Government | 57 (64.8%) | 31 (35.2%) |
| **Province (of institution)** | | | | |
| Sindh |  |  | 5.227 | 0.156 |
| Punjab |  |  |
| KPK |  |  |
| Balochistan |  |  |
| **Mean monthly family income** | | | | |
| <50,000 PKR | 13 (81.3%) | 3 (18.8%) | 12.631 | *0.049* |
| 50,000-100,000 PKR | 29 (72.5%) | 11 (27.5%) |
| 100,000-200,000 PKR | 36 (63.2%) | 21 (36.8%) |
| 200,000-300,000 PKR | 18 (56.3%) | 14 (43.8%) |
| 300,000-400,000 PKR | 8 (44.4%) | 10 (55.6%) |
| 400,000-500,000 PKR | 8 (38.1%) | 13 (61.9%) |
| >500,000 PKR | 34 (54.8%) | 28 (45.2%) |
| **Year of study** | | | | |
| 1st year |  |  | 5.595 | 0.232 |
| 2nd year |  |  |
| 3rd year |  |  |
| 4th year |  |  |
| 5th year |  |  |

| Perceptions about Palliative Care | |
| --- | --- |
| Questions |  |
| Thinking about palliative care makes me feel uncomfortable |  |
| Palliative care is a taboo subject in our society |  |
| My colleagues would have no interest in finding out about palliative care |  |
| I am afraid to find out more about palliative care in case I end up needing it |  |
| My colleagues would think that palliative care is too depressing to discuss |  |
| I have never heard the subject of palliative care discussed in the media |  |
| If I need information about palliative care for a family member, I know where to find that information |  |
| I cannot see how palliative care is relevant to me as a young person |  |
| I want to know more about palliative care |  |
| I would only want to know more about palliative care if I was terminally ill |  |
| I would look for information about palliative care on the internet |  |
| Palliative care is a subject my immediate family would discuss |  |
| I would attend an information session on palliative care at the university |  |
| I would like to know what initiatives are taking place in my community regarding palliative care |  |
| I would like to explore palliative care as a profession |  |
| Empathy is the most important quality for a palliative care physician |  |
| Excellent communication skills are the most important skills for a palliative care physician |  |

| Perceptions about Palliative Care | |
| --- | --- |
| Questions | Score  Mean (SD) |
| Thinking about palliative care makes me feel uncomfortable | 71.75 (30.0) |
| Palliative care is a taboo subject in our society | 53.05 (30.5) |
| My colleagues would have no interest in finding out about palliative care | 62.80 (28.1) |
| I am afraid to find out more about palliative care in case I end up needing it | 73.37 (31.3) |
| My colleagues would think that palliative care is too depressing to discuss | 61.99 (32.0) |
| I have never heard the subject of palliative care discussed in the media | 30.89 (33.3) |
| If I need information about palliative care for a family member, I know where to find that information | 39.84 (34.2) |
| I cannot see how palliative care is relevant to me as a young person | 64.53 (30.8) |
| I want to know more about palliative care | 78.86 (24.0) |
| I would only want to know more about palliative care if I was terminally ill | 70.22 (32.8) |
| I would look for information about palliative care on the internet | 69.72 (26.9) |
| Palliative care is a subject my immediate family would discuss | 41.67 (28.7) |
| I would attend an information session on palliative care at the university | 70.12 (27.3) |
| I would like to know what initiatives are taking place in my community regarding palliative care | 73.58 (26.0) |
| I would like to explore palliative care as a profession | 45.53 (29.9) |
| Empathy is the most important quality for a palliative care physician | 83.54 (21.5) |
| Excellent communication skills are the most important skills for a palliative care physician | 84.76 (21.8) |

Perception Score:

Mean: 52.22

SD: 6.78

Correlation between variables and PaCKs score and Perception (p-values)

| **Variables** | **PaCKs** | **Perception** |
| --- | --- | --- |
| **Gender** | 0.332 | 0.136 |
| **Institution of study** | 0.012 | 0.818 |
| **Province (of institution)** | 0.562 | 0.078 |
| **Mean monthly family income** | 0.306 | 0.346 |
| **Year of study** | 0.597 | 0.179 |
| **Before completing this survey had you heard of palliative care?** | <0.001 | 0.091 |
| **Have you, or anyone close to you, such as a friend or family member, required or had access to palliative care?** | 0.318 | 0.531 |
| **Have you cared for someone at the end of life?** | 0.254 | 0.169 |
| **Would you ever consider taking up palliative care as a profession?** | 0.701 | 0.056 |

Pearson Correlation between PaCKs score and perception score

P-value: <0.001

Correlation coefficient: 0.250