**Table 1:** Factors associated with *panax ginseng* usage

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Usage** | | | | P |
| **No** | | **Yes** | |
| **n** | **%** | **n** | **%** |
| **Knowledge of the importance** | Yes | 7 | 58.3 | 33 | 61.1 | 1.000 |
| No | 5 | 41.7 | 21 | 38.9 |
| **Gender** | Male | 5 | 41.7 | 22 | 40.7 | 1.000 |
| Female | 7 | 58.3 | 32 | 59.3 |
| **Age** | 15-25 | 4 | 33.3 | 8 | 15.1 | 0.323 |
| 26-36 | 3 | 25.0 | 16 | 30.2 |
| 37-47 | 2 | 16.7 | 15 | 28.3 |
| 48-59 | 1 | 8.3 | 11 | 20.8 |
| 59-69 | 2 | 16.7 | 3 | 5.7 |
| **interrogated people** | Scientific | 9 | 75.0 | 28 | 51.9 | 0.638 |
| Household | 2 | 16.7 | 14 | 25.9 |
| Herbalist | 1 | 8.3 | 8 | 14.8 |
| Traditional therapist | 0 | 0.0 | 4 | 7.4 |
| **Educational level** | Medium | 1 | 8.3 | 3 | 5.6 | **0.006** |
| Secondary | 8 | 66.7 | 10 | 18.5 |
| Graduation | 3 | 25.0 | 35 | 64.8 |
| Post-graduation | 0 | 0.0 | 6 | 11.1 |

**Table 2.** IC50 values of red and white panax ginseng extracts

|  |  |  |
| --- | --- | --- |
|  | **Red ginseng Extract** | **White ginseng Extract** |
| **IC50 (mg/ml)** | 0.753 | 6.033 |

**Table 3.** Test results of koster analgesic effect of paracetamol and the extracts studied

|  |  |  |  |
| --- | --- | --- | --- |
| **Groups** | **Doses** | **Number of constrictions** | **% Inhibition** |
| Control | 10mg/Kg | 46.7±10.0 | --- |
| paracetamol | 100mg/Kg | 18.3±1.5 | 60.81% |
| White Extract | 500mg/Kg | 15.5±6.6 | 66.80% |
| Red Extract | 500mg/kg | 12.3±5.0 | 73.66% |

Values expressed as an average ± standard deviation.