Table 1- The correlation of patient satisfaction with some basic variable in men surgery ward

|  |  |  |  |
| --- | --- | --- | --- |
| variables | Age | Education | The length of stay in hospital |
| Patient satisfaction of nursing care | 0.146 | -0.59 | -0.73 |

Table 2- The relation between patient satisfaction and individual and social variables in surgical ward

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| variables |  | No (%) | Patient satisfaction  mean±standarized deviation | P value |
| Marital status | single | 147(44.4) | 135.14±24.82 | 0.000 |
| married | 184(55.6) | 137.16±27.68 |
| education | illiterate | 60(18.1) | 140.36±27.96 | 0.000 |
| primary | 31(9.4) | 137.90±29.82 |
| Under diploma | 87(26.3) | 134.65±27.47 |
| diploma | 69(20.8) | 133.73±26.95 |
| University degree | 84(25.4) | 133.34±28.97 |
| Diagnosis | Fracture in leg | 177(53.5) | 136.83±34.71 | 0.000 |
| Fracture in hand | 101(30.5) | 136.02±36.59 |
| Fracture in femur | 53(16) | 134.40±31.71 |
| Length of stay in hospital | 1-2 days | 155(46.8) | 139.70±33.81 |  |
| 3-4 days | 142(42.9) | 133.68±31.21 |  |
| More than 5 days | 34(10.3) | 131.38±32.19 |
| Communication with patient | yes | 172(52) | 139.62±36.06 | 0.000 |
| no | 159(48) | 132.64±31.08 |
| Explaining the reason of physician delay | yes | 168(50.8) | 139.67±36.24 | 0.000 |
| no | 163(49.2) | 132.76±31.87 |
| Describing the treatment process | yes | 168(50.8) | 139.70±36.07 | 0.000 |
| no | 163(49.2) | `132.72±31.25 |

Table 3- Multiple regression analysis of patient satisfaction as the dependent variable in surgical ward

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dependent variable | Independent variable | **\* β** | **Std.Error§** | Beta | t | P value |
| Patient satisfaction with nursing care | Constant | 129.299 | 1.895 |  | 68.236 | 0.000 |
| Marital status | 2.033 | 0.528 | 0.208 | 3.851 | 0.000 |
| education | -0.416 | 0.199 | -0.120 | -2.088 | 0.038 |
| Length of stay | -1.378 | 0.443 | -0.188 | -3.113 | 0.002 |
| communication | 4.381 | 0.570 | 0.451 | 7.692 | 0.000 |
| age | 0.055 | 0.022 | 0.156 | 2.503 | 0.013 |
|  |  | R=0.759 | R2=0.756 | Adjusted R2=0.570 |  |  |

\*Regression coefficient; §Standard error