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| Table 1. Demographic and clinical characteristics of the study population | | | | |
| *Age (year)* | 41.04 ± 13.54 |  | ***Educational level*** |  | |
| Men/women | 140 (66.7)/70 (33.3) |  | Illiterate | 52 (24.8) | |
| *Ethnicity* |  |  | Under Diploma or Diploma | 100 (47.6) | |
| Fars | 119 (56.7) |  | University | 58 (27.6) | |
| Others | 91 (43.3) |  | ***Blood group*** |  | |
| *Marital status* |  |  | A | 78 (37.1) | |
| Single | 39 (18.6) |  | B | 41 (19.5) | |
| Married | 171 (81.4) |  | O | 77 (36.7) | |
| *Job* |  |  | AB | 14 (6.7) | |
| Employee | 39 (18.6) |  | ***Etiology of disease*** |  | |
| Self-employed | 54 (25.7) |  | Cirrhosis | 120 (57.1) | |
| Housekeeper | 44 (21.0) |  | Hepatitis B | 32 (15.2) | |
| Retired | 34 (16.2) |  | PSC | 14 (6.7) | |
| Others | 39 (18.6) |  | Wilson disease | 11 (5.2) | |
| *Family head* |  |  | Hepatitis C | 7 (3.3) | |
| Yes | 129 (61.4) |  | Malignancy | 7 (3.3) | |
| No | 81 (38.6) |  | Autoimmune hepatitis | 5 (2.4) | |
| *Monthly income (MT)* |  |  | Cryptogenic | 1 (0.5) | |
| Under 1 | 127 (60.5) |  | Others | 13 (6.2) | |
| 1 to 2 | 63 (30.0) |  | ***Depression/ anxiety/ Stress*** |  | |
| 2 to 3 | 20 (9.5) |  | Normal | 69(32.9)/ 48(22.9)/ 74(35.2) | |
| *Housing* |  |  | Mild | 31(14.8)/ 14(6.7)/ 24(11.4) | |
| Personal | 148 (70.5) |  | Medium | 52(24.8)/ 53(25.2)/ 42(20.0) | |
| Rental | 62 (29.5) |  | Sever | 22(10.5)/ 25(11.9)/ 33(15.7) | |
| *Insurance type* |  |  | Extremely severe | 36 (17.1)/ 70(33.3)/ 37(17.6) | |
| Governmental health insurance | 43 (20.5) |  | ***CLDQ score*** | 3.59 ± 0.33 | |
| Medical insurance | 49 (23.3) |  | Abdominal | 4.01 ± 1.97 | |
| Social Security Insurance | 118 (56.2) |  | Fatigue | 3.12 ± 1.66 | |
| *Supplemental insurance* |  |  | Systematic | 3.96 ± 1.53 | |
| Yes | 104 (49.5) |  | Activity | 3.73 ± 1.78 | |
| No | 106 (50.5) |  | Emotion | 3.68 ± 1.58 | |
| *Living place* |  |  | Worry | 3.02 ± 1.72 | |
| Urban | 190 (90.5) |  | ***Region in Iran*** |  | |
| Rural | 20 (9.5) |  | Region 1 | 54 (25.7) | |
| *Waiting list* (day), mean ± SE | 257.39 ± 28.06 |  | Region 2 | 73 (34.8) | |
| *Term illness* (year) | 5.98 ± 0.38 |  | Region 3 | 34 (16.2) | |
|  |  |  | Region 4 | 36 (17.1) | |
| *MELD score* | 18.63 ± 6.36 |  | Region 5 | 13 (6.2) | |
| * MT, Million Toman ; MELD, Model for End-stage Liver Disease; BMI, Body Mass Index; HBV, hepatitis B virus; PSC, primary sclerosing cholangitis; * Data expressed as Number (percent); Mean ± SD. | | | | | |

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| ariable | | | | N(%) | AB | | | | FA | | | SY | | | | | AC | | | | | | EM | | | | | WO | | | | | | CLDQ- SCORE | | | | | |
|  | Mean | | SD | | Mean | SD | | Mean | | SD | | | Mean | | SD | | | | Mean | | SD | | | Mean | | | SD | | | Mean | | SD | | | |
| Gender | | Female | | 70 (33.3) | 3.80 | | 2.02 | | 3.12 | 1.78 | | 3.68 | | 1.51 | | | 3.86 | | 1.88 | | | | 3.39 | | 1.50 | | | 2.88 | | | 1.59 | | | 3.46 | | 1.31 | | | |
| Male | | 140 (66.7) | 4.12 | | 1.95 | | 3.13 | 1.60 | | 4.10 | | 1.53 | | | 3.66 | | 1.73 | | | | 3.83 | | 1.61 | | | 3.08 | | | 1.79 | | | 3.65 | | 1.34 | | | |
| P value | | | | | 0.27 | | | | 0.97 | | | 0.06 | | | | | 0.45 | | | | | | 0.05 | | | | | 0.43 | | | | | | 0.31 | | | | | |
| Age | |  | | 35(16.7) | 4.44 | | 1.94 | | 3.92 | 1.81 | | 4.70 | | 1.67 | | | 4.28 | | 1.86 | | | | 3.90 | | 1.94 | | | 3.61 | | | 1.94 | | | 4.14 | | 1.61 | | | |
| 30-40 | | 44(21.0) | 4.18 | | 1.75 | | 2.76 | 1.49 | | 3.99 | | 1.22 | | | 3.95 | | 1.69 | | | | 3.56 | | 1.10 | | | 2.88 | | | 1.56 | | | 3.55 | | 0.92 | | | |
| 40-50 | | 54 (25.7) | 3.75 | | 1.98 | | 3.04 | 1.68 | | 3.71 | | 1.58 | | | 3.47 | | 1.74 | | | | 3.68 | | 1.67 | | | 2.76 | | | 1.60 | | | 3.40 | | 1.31 | | | |
|  | | 77 (36.7) | 3.90 | | 2.10 | | 3.02 | 1.58 | | 3.78 | | 1.53 | | | 3.54 | | 1.78 | | | | 3.66 | | 1.62 | | | 3.00 | | | 1.76 | | | 3.48 | | 1.36 | | | |
| P value | | | |  | 0.37 | | | | 0.01 | | | 0.01 | | | | | 0.10 | | | | | | 0.81 | | | | | 0.13 | | | | | | 0.05 | | | | | |
| Marital status | | Single | | 39 (18.6) | 4.35 | | 2.02 | | 3.52 | 1.99 | | 4.37 | | 1.71 | | | 4.10 | | 1.85 | | | | 3.81 | | 1.71 | | | 3.53 | | | 1.76 | | | 3.95 | | 1.58 | | | |
| Married | | 171 (81.4) | 3.93 | | 1.96 | | 3.03 | 1.57 | | 3.87 | | 1.48 | | | 3.65 | | 1.76 | | | | 3.65 | | 1.56 | | | 2.90 | | | 1.70 | | | 3.51 | | 1.26 | | | |
| P value | | | | | 0.24 | | | | 0.15 | | | 0.06 | | | | | 0.15 | | | | | | 0.57 | | | | | 0.03 | | | | | | 0.06 | | | | | |
| BMI | |  | | 19 (9.0) | 5.15 | | 1.60 | | 3.62 | 2.06 | | 4.88 | | 1.60 | | | 4.47 | | 1.75 | | | | 4.26 | | 1.62 | | | 3.61 | | | 1.57 | | | 4.33 | | 1.39 | | | |
| 18.5-25 | | 99 (47.1) | 4.12 | | 1.91 | | 3.14 | 1.70 | | 4.01 | | 1.49 | | | 3.71 | | 1.69 | | | | 3.59 | | 1.70 | | | 3.02 | | | 1.80 | | | 3.60 | | 1.33 | | | |
| 25-30 | | 63 (30.0) | 3.87 | | 2.01 | | 2.93 | 1.55 | | 3.82 | | 1.59 | | | 3.66 | | 1.79 | | | | 3.77 | | 1.37 | | | 2.90 | | | 1.64 | | | 3.49 | | 1.29 | | | |
|  | | 29 (13.8) | 3.21 | | 2.01 | | 3.15 | 1.48 | | 3.48 | | 1.34 | | | 3.49 | | 2.02 | | | | 3.42 | | 1.57 | | | 2.88 | | | 1.72 | | | 3.27 | | 1.29 | | | |
| P value | | | | | 0.008 | | | | 0.48 | | | 0.01 | | | | | 0.27 | | | | | | 0.28 | | | | | 0.44 | | | | | | 0.04 | | | | | |
| Insurance type | | Health insurance | | 43 (20.5) | 3.79 | | 2.12 | | 2.92 | 1.49 | | 3.82 | | 1.26 | | | 3.41 | | 1.56 | | | | 3.00 | | 1.33 | | | 2.51 | | | 1.32 | | | 3.24 | | 1.01 | | | |
| Medical insurance | | 49 (23.3) | 4.26 | | 2.14 | | 2.94 | 1.68 | | 3.84 | | 1.70 | | | 3.80 | | 1.84 | | | | 4.19 | | 1.71 | | | 3.53 | | | 1.80 | | | 3.76 | | 1.49 | | | |
| Social Security Insurance | | 118 (56.2) | 3.99 | | 1.85 | | 3.27 | 1.71 | | 4.06 | | 1.56 | | | 3.82 | | 1.83 | | | | 3.72 | | 1.54 | | | 2.99 | | | 1.77 | | | 3.64 | | 1.35 | | | |
| P value | | | | | 0.52 | | | | 0.34 | | | 0.54 | | | | | 0.41 | | | | | | 0.001 | | | | | .017 | | | | | | 0.14 | | | | | |
| Region in Iran | | Region 1 | | 54 (25.7) | 4.08 | 1.73 | | | 3.30 | 1.66 | | | 4.08 | | 1.51 | | | 3.81 | | 1.67 | | | | 3.65 | | 1.4 | | | 3.01 | | | 1.56 | | | 3.66 | | 1.28 | | | |
| Region 2 | | 73 (34.8) | 4.02 | 2.10 | | | 3.09 | 1.72 | | | 3.94 | | 1.62 | | | 3.58 | | 1.79 | | | | 3.81 | | 1.70 | | | 3.14 | | | 1.79 | | | 3.60 | | 1.38 | | | |
| Region 3 | | 34 (16.2) | 3.40 | 1.78 | | | 2.55 | 1.40 | | | 3.38 | | 1.40 | | | 3.44 | | 1.68 | | | | 3.17 | | 1.57 | | | 2.14 | | | 1.03 | | | 3.01 | | 1.14 | | | |
| Region 4 | | 36 (17.1) | 4.48 | 2.04 | | | 3.30 | 1.57 | | | 4.33 | | 1.40 | | | 4.23 | | 1.81 | | | | 4.05 | | 1.51 | | | 3.55 | | | 1.94 | | | 3.99 | | 1.31 | | | |
| Region 5 | | 13 (6.2) | 3.97 | 2.34 | | | 3.60 | 2.03 | | | 4.09 | | 1.65 | | | 3.64 | | 2.24 | | | | 3.41 | | 1.55 | | | 3.18 | | | 2.11 | | | 3.65 | | 1.49 | | | |
| P value | | | | | 0.25 |  | | | 0.19 | | | 0.11 | | | | | 0.35 | | | | | | 0.17 | | | | | 0.01 | | | | | | 0.04 | | | | | |
| Etiology of disease | HBV | | 32 (15.2) | | 4.31 | | | 2.07 | 3.64 | 1.79 | 4.36 | | | 1.51 | | 4.13 | | | | | 1.83 | 4.28 | | | 1.67 | | 3.74 | | | 1.82 | | | 4.08 | | | | | 1.45 |
| Cirrhosis | | 119 (56.7) | | 3.86 | | | 2.00 | 2.99 | 1.56 | 3.73 | | | 1.54 | | 3.57 | | | | | 1.74 | 3.42 | | | 1.51 | | 2.71 | | | 1.63 | | | 3.38 | | | | | 1.28 |
| Wilson | | 11 (5.2) | | 4.75 | | | 2.10 | 3.76 | 1.95 | 5.05 | | | 1.38 | | 4.30 | | | | | 1.87 | 4.22 | | | 1.98 | | 3.29 | | | 2.11 | | | 4.23 | | | | | 1.61 |
| Others | | 34 (16.2) | | 4.03 | | | 1.76 | 3.22 | 1.74 | 4.22 | | | 1.43 | | 3.66 | | | | | 1.86 | 3.83 | | | 1.64 | | 3.36 | | | 1.61 | | | 3.72 | | | | | 1.28 |
| P value | | | | | 0.56 | | | | 0.06 | | | 0.01 | | | | | 0.44 | | | | | | 0.05 | | | | | 0.02 | | | | | | 0.03 | | | | | |

Table 2. The results of based on demographic and CLDQ in patients 0f the Waiting list in liver transplantation