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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 | $$<30$$ | 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 |
| $$>50$$ | 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 | $$<18.5$$ | 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 |
| $$>30$$ | 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