# Supplementary Materials

**Supplementary Table 1.** Patient characteristics per waitlist outcome.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Deceased on waitlist** | **Deceased donor liver transplantation** | **Living donor liver transplantation** | **Still on waitlist** |
| **Recipient characteristics** | **PRE**, n=59 | **POST**, n=4 | ***P*-value**  | **PRE**, n=285 | **POST**, n=31 | ***P*-value**  | **PRE**, n=485 | **POST**, n=128 | ***P*-value** | **PRE**, n=53 | **POST**, n=10 | ***P*-value** |
| *Sex, female* | 37 (63) | 3 (75) | 0.62 | 158 (55) | 21 (68) | 0.19 | 262 (54) | 71 (56) | 0.77 | 26 (49) | 3 (30) | 0.27 |
| *Blood group* |  |  |  |  |  |  |  |  |  |  |  |  |
|  *A* *B* *AB* *O* | 23 (39)9 (15)1 (2)26 (44) | 2 (67)0 (0)0 (0)1 (33) |  | 115 (40)49 (17)16 (6)105 (37) | 10 (42)7 (23)1 (3)10 (32) |  | 199 (41)81 (17)35 (7)170 (35) | 50 (39)18 (14)8 (6)52 (41) |  | 20 (38)8 (15)3 (6)2 (42) | 3 (30)5 (50)1 (10)1 (10) |  |
| *Age at listing (in months)* | 5.6 (4.5-7.3) | 3.3 (2.9-6.6) | 0.11 | 6.2 (4.2-8.8) | 5.6 (4.3-7.4) | 0.64 | 6.5 (4.6-8.7) | 6.6 (3.9-12) | 0.65 | 4.1 (3.1-7.1) | 4.7 (2.8-11) | 0.58 |
| *Age at listing in categories* |  |  |  |  |  |  |  |  |  |  |  |  |
|  *0-6 months* *6-12 months* *12-24 months* | 35 (59)20 (34)4 (7) | 3 (75)1 (25)0 (0) | 0.540.720.59 | 136 (48)115 (40)34 (12) | 18 (58)11 (36)2 (7) | 0.270.600.36 | 209 (43)220 (45)56 (12) | 58 (45)39 (31)31 (24) | 0.650.650.001 | 36 (68)10 (19)7 (113) | 6 (60)2 (20)2 (20) | 0.630.930.57 |
| *Waitlist time (in months)* | 2.4 (1.4-4.3) | 2.7 (1.1-4.4) | 0.82 | 3.2 (1.2-7.0) | 3.8 (1.4-7.1) | 0.56 | 0.7 (0.0-2.3) | 0.4 (0.0-2.3) | 0.05 | 24 (24-24) | 24 (24-24) | >0.99 |
| *Lab-MELD score at listing*  | 19 (17-23) | 18 (16-18) | 0.09 | 17 (14-21) | 17 (11-20) | 0.33 | 18 (15-22) | 18 (15-21) | 0.23 | 12 (8-15) | 13 (11-15) | 0.41 |
| *Lab-MELD score at listing* *in categories*  | Availablen=34 | Availablen=4 |  | Availablen=174 | Availablen=31 |  | Availablen=386 | Availablen=128 |  | Availablen=47 | Availablen=10 |  |
|  *<15* *15-20* *>20* | 3 (9)18 (53)13 (38) | 0 (0)4 (100)0 (0) | 0.540.070.13 | 46 (26)84 (48)44 (25) | 13 (42)11 (36)7 (23) | 0.080.190.75 | 71 (18)188 (49)127 (33) | 28 (22)66 (52)34 (27) | 0.390.580.18 | 30 (70)13 (28)1 (2) | 7 (70)3 (30)0 (0) | 0.990.880.64 |

*Data are presented as median (interquartile range) or n (%). Differences were tested by Mann Whitney-U test for continuous variables and the Pearson’s chi-square test for categorical variables*

**Supplementary Table 2.** Proportion of living donor liver transplantation PRE and POST stratified by Eurotransplant country.

|  |  |
| --- | --- |
|  | **Living donor liver transplantation** |
| **Eurotransplant Country** | **PRE** | **POST** | ***P-value*** |
| *Austria* | 26 (81) | 4 (100) | 0.34 |
| *Belgium* | 128 (71) | 61 (97) | <0.001 |
| *Croatia* | 6 (86) | 0 (0) | 0.01 |
| *Germany* | 304 (62) | 44 (70) | 0.24 |
| *Netherlands* | 21 (34) | 19 (73) | 0.001 |
| *Hungary* | 0 (0) | 0 (0) | – |
| *Luxembourg* | 0 (0) | 0 (0) | – |
| *Slovenia* | 0 (0) | 0 (0) | – |

*Data are presented as n (%). Differences were tested by the Pearson’s chi-square test.*