## Supplementary Table 1. Comparison of patient characteristics according to liver graft type

| Characteristics                          | Overall (n=37) | LDLT (n=9) | DDLT (n=28) | P-value |
|------------------------------------------|----------------|------------|-------------|---------|
| Age (yr)                                 | 49 (43–55)     | 52 (51–56) | 47 (42–55)  | 0.29    |
| Male sex                                 | 20 (54)        | 4 (44)     | 16 (57)     | 0.73    |
| Duration of heavy drinking (yr)          | 20 (15–30)     | 20 (15–30) | 20 (13–27)  | 0.82    |
| Married/stable companion                 | 24 (64)        | 7 (77)     | 17 (60)     | 0.72    |
| Time from listing to LT (day)            | 10 (6–15)      | 14 (7–28)  | 9 (6–15)    | 0.24    |
| MELD score at initial hospitalization    | 27 (24–34)     | 26 (24–32) | 28 (25–34)  | 0.99    |
| MELD score at time of listing            | 33 (28–37)     | 30 (29–34) | 33 (28–38)  | 0.34    |
| MELD score at time of LT                 | 39 (30–40)     | 29 (27–40) | 40 (35–40)  | 0.04    |
| Post-LT alcohol use                      | 5 (13)         | 1 (11)     | 4 (14)      | 1.00    |
| Post-LT mortality                        | 6 (16)         | 1 (11)     | 5 (17)      | 1.00    |
| Sepsis                                   | 4              | 1          | 3           |         |
| Liver failure related to recidivism      | 1              | 0          | 1           |         |
| Graft rejection                          | 1              | 0          | 1           |         |

Values are presented as median (interquartile range) or number (%).

LDLT, living donor liver transplantation; DDLT, deceased donor liver transplantation; LT, liver transplantation; MELD, Model for End-Stage Liver Disease.
Supplementary Fig. 1. Kaplan-Meier estimates of overall survival according to liver transplantation (LT).

|       | LT   | 37   | 31   | 26   | 25   | 17   | 16   | 10   |
|-------|------|------|------|------|------|------|------|------|
| Non-LT| 44   | 15   | 7    | 6    | 5    | 5    | 5    | 5    |

No. at risk

Survival probability

Month
Supplementary Fig. 2. Kaplan-Meier estimates of transplant-free survival according to Model for End-Stage Liver Disease (MELD; A) and corticosteroid use (B).

### A. Transplant-free survival

| MELD <25 | 32 | 21 | 13 | 9 | 6 |
|----------|----|----|----|---|---|
| MELD ≥25 | 49 | 12 | 8  | 5 | 4 |

P < 0.001

### B. Transplant-free survival

| Responder | 10 | 9 | 6 | 5 | 4 |
|-----------|----|---|---|---|---|
| Not used  | 59 | 22| 15| 9 | 6 |
| Non-responder | 12 | 2 | 0 | 0 | 0 |

P = 0.005