Supplementary Data Tables for Single Liver Transplant Only (N= 241)

Supplementary Table 1 - Risk factors for total SSIs in only liver transplant recipients.

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| --- | --- | --- | --- | --- |
| Total SSIs | Univariate | | Multivariate | |
| Variable | Odds ratio | p value | Odds ratio | p value |
| Bile leak | 4.22 (1.08, 16.4) | 0.048 | 3.90 (0.89, 17.24) | 0.072 |
| ATG/Basiliximab | 2.85 (1.29, 6.28) | 0.008 | 2.25 (0.95, 5.32) | 0.064 |
| Hepatoma | 0.53 (0.24, 1.13) | 0.10 |  |  |
| Mechanical ventilation | 0.57 (0.27, 1.20) | 0.14 |  |  |
| Dialysis | 2.98 (0.83, 10.70) | 0.097 | 4.48 (1.06, 18.87) | 0.041 |
| Ascites | 0.71 (0.36, 1.40) | 0.32 |  |  |
| Encephalopathy | 0.49 (0.23, 1.02) | 0.054 | 0.44 (0.19, 1.002) | 0.051 |
| Transfusion >5U | 0.56 (0.25, 1.29) | 0.19 |  |  |
| Duct to duct anastomosis | 4.23 (2.10, 8.52) | <0.001 | 3.69 (1.74, 7.87) | 0.001 |
| Diabetes mellitus | 0.71 (0.31, 1.63) | 0.55 |  |  |
| Living donor | 2.02 (1.004, 4.05) | 0.046 |  |  |
| Female gender | 1.65 (0.83, 3.30) | 0.15 |  |  |
| CMV D+/R- | 0.36 (0.08, 1.58) | 0.27 |  |  |
| Retransplant | 3.83 (1.15, 12.73) | 0.035 |  |  |
| Age | 0.98 (0.96, 1.01) | 0.25 |  |  |
| Body mass index | 1.02 (0.96, 1.09) | 0.48 |  |  |
| MELD score | 1.01 (0.97, 1.04) | 0.79 |  |  |
| Surgical time, hours | 1.00 (0.98, 1.01) | 0.68 |  |  |

Supplementary Table 2 - Risk factors for organ/space SSIs in only liver transplant recipients.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Organ/space SSIs | Univariate | | Multivariate | |
| Variable | Odds ratio | p value | Odds ratio | p value |
| Bile leak | 6.07 (1.54, 24.0) | 0.018 | 4.83 (1.05, 22.22) | 0.043 |
| ATG\*/Basiliximab | 3.25 (1.28, 8.25) | 0.011 | 3.33 (1.13, 9.90) | 0.030 |
| Hepatoma | 0.39 (0.15, 0.99) | 0.046 |  |  |
| Mechanical ventilation | 0.48 (0.22, 1.08) | 0.072 |  |  |
| Dialysis | 1.54 (0.32, 7.48) | 0.64 |  |  |
| Ascites | 0.89 (0.41, 1.90) | 0.76 |  |  |
| Encephalopathy | 0.47 (0.20, 1.11) | 0.12 |  |  |
| Transfusion >5U | 0.71 (0.29, 1.73) | 0.53 |  |  |
| Duct to duct anastomosis | 4.10 (1.88, 8.92) | <0.001 | 2.85 (1.23, 6.62) | 0.015 |
| Diabetes mellitus | 0.71 (0.28, 1.83) | 0.66 |  |  |
| Living donor | 1.99 (0.91, 4.32) | 0.079 |  |  |
| Female gender | 2.24 (1.04, 4.81) | 0.036 |  |  |
| CMV D+/R- | 0.51 (0.12, 2.27) | 0.55 |  |  |
| Retransplant | 5.58 (1.65, 18.85) | 0.011 | 5.67 (1.29, 25.06) | 0.022 |
| Age | 0.99 (0.96, 1.03) | 0.63 |  |  |
| Body mass index | 1.03 (0.96, 1.10) | 0.41 |  |  |
| MELD score | 1.01 (0.96, 1.05) | 0.83 |  |  |
| Surgical time | 1.00 (0.99, 1.00) | 0.68 |  |  |