| **Supplementary Table 5. Post-Propensity Matching Comparison Of Patients With And Without Malnutrition; Clinical Outcomes Of Those Who Underwent Elective Hepatectomy** |
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|  | **Post-Match Patients With Malnutrition Vs Without Malnutrition Undergoing Elective Hepatectomy** |
|  | **With Malnutrition** | **Without Malnutrition** |  |  | **Univariate Analysis** |  | **Multivariate Analysis** |  |
| **Hospital Outcomes** | **n = 1,512** | **(50.00 %)** | **n = 1,512** | **(50.00 %)** | **p-value** |  | **OR** | **95% CI** |  | **aOR** | **95% CI** | **p-value** |  |
| Mortality (%) | 5.56 | % | 1.98 | % | < 0.001 |  | 2.91 | (1.90 - 4.44) |  | 3.05 | (1.99 - 4.67) | < 0.001 |  |
| Length of Stay (days) | 15.00 | days | 6.78 | days | < 0.001 |  |  |  |  | 2.24 | (2.18 - 2.29) | < 0.001 | † |
| Hospitalization Costs ($) | 227,275 | $ | 109,980 | $ | < 0.001 |  |  |  |  | 2.12 | (2.12 - 2.12) | < 0.001 | † |
| Disposition at Discharge |  |  |  |  | < 0.001 |  |  |  |  |  |  |  |  |
|  Routine (%) | 45.90 | % | 71.40 | % |  |  |  |  |  |  |  |  |  |
|  Short-term Hospital (%) | 1.12 | % | 0.27 | % |  |  |  |  |  |  |  |  |  |
|  Skilled Nursing or other Facility (%) | 20.40 | % | 6.88 | % |  |  |  |  |  |  |  |  |  |
|  Home Health Care (%) | 26.80 | % | 19.40 | % |  |  |  |  |  |  |  |  |  |
|  Against Medical Advice (%) | 0.20 | % | 0.07 | % |  |  |  |  |  |  |  |  |  |
|  Died (%) | 5.56 | % | 1.98 | % |  |  |  |  |  |  |  |  |  |
|  Unknown (%) | 0.00 | % | 0.00 | % |  |  |  |  |  |  |  |  |  |
| **Postoperative complications** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Postoperative Bleeding (%) | 6.35 | % | 2.91 | % | < 0.001 |  | 2.26 | (1.57 - 3.26) |  |  |  |  |  |
| Postoperative Infection (%) | 7.28 | % | 2.65 | % | < 0.001 |  | 2.89 | (2.00 - 4.18) |  |  |  |  |  |
| Postoperative Wound Complications (%) | 4.17 | % | 0.60 | % | < 0.001 |  | 7.26 | (3.60 - 14.65) |  |  |  |  |  |
| Postoperative Respiratory Failure (%) | 7.87 | % | 2.78 | % | < 0.001 |  | 2.99 | (2.09 - 4.28) |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| † Used Poisson regression analysis |
| The following variables were included in the propensity-score matching procedure: age, gender: female, race, diabetes, hyperlipidemia, hypertension, chronic obstructive pulmonary disease, coronary artery disease, chronic kidney disease, congestive heart failure, coagulopathy, alcohol use disorder, cigarette use, obesity, elective (vs emergent) procedure, alcoholic liver disease, hepatitis b, hepatitis c, non-alcoholic fatty liver disease, cirrhosis |