**Supplementary Table 1.** Univariate and multivariable Cox regression models for readmissions to hospital during follow up.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Risk Factors** | **Univariate** | | **Multivariable** | |
| **HR (95%CI)** | ***P*** | **HR (95%CI)** | ***P*** |
| ***HCAI*** | **2.86 (1.56-5.25)** | **.001** | **4.84 (2.20-10.63)** | **<.001** |
| ***Demographic data*** |  |  |  |  |
| Female gender | 0.80 (0.44-1.48) | .48 |  |  |
| Age, years | 1.01 (0.99-1.03) | .52 |  |  |
| ***Comorbidities*** |  |  |  |  |
| Heart disease | 0.82 (0.42-1.57) | .82 |  |  |
| Lung disease | 0.34 (0.04-2.50) | .29 |  |  |
| Renal disease | 1.78 (0.85-3.71) | .13 |  |  |
| Liver disease | 0.68 (0.17-2.83) | .68 |  |  |
| CNS disease | 0.92 (0.45-1.87) | .82 |  |  |
| Diabetes mellitus | 1.50 (0.74-3.06) | .26 |  |  |
| Solid malignancy | **2.40 (1.18-4.88)** | **.02** |  |  |
| Trauma | 0.05 (0.00-84.90) | .43 |  |  |
| Charlson comorbidity index | **1.44 (1.08-1.94)** | **.02** | **1.60 (1.13-2.25)** | **.007** |
| ***Admission data*** |  |  |  |  |
| Length of stay, days | 1.00 (0.99-1.01) | .55 |  |  |
| Surgery | 1.25 (0.67-2.33) | .48 |  |  |
| Mechanical Ventilation | 1.62 (0.88-2.98) | .12 |  |  |
| Central venous catheter | 1.31 (0.70-2.44) | .40 |  |  |
| Urinary Catheter | 1.90 (0.58-2.02) | .79 |  |  |
| Nasoenteral tube | 1.67 (0.80-3.50) | .17 |  |  |
| Drains | 1.44 (0.78-2.64) | .24 |  |  |
| Pressure ulcer | 2.29 (0.55-9.58) | .26 |  |  |

Note. Statistically significant results are presented in boldface.

HR, Hazzard Ratio; CI, Confidence Interval; HCAI, Healthcare associated-infections; CNS, Central Nervous System.

**Supplementary Table 2.** Univariate and multivariable Cox regression models for return to work/usual activities during follow up.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Risk Factors** | **Univariate** | | **Multivariable** | |
| **HR (95%CI)** | ***P*** | **HR (95%CI)** | ***P*** |
| ***HCAI*** | **0.31 (0.21-0.46)** | **<.001** | **0.30 (0.19-0.57)** | **<.001** |
| ***Demographic data*** |  |  |  |  |
| Female gender | 1.32 (0.95-1.85) | .10 |  |  |
| Age, years | 1.00 (0.99-1.01) | .99 |  |  |
| ***Comorbidities*** |  |  |  |  |
| Heart disease | 1.01 (0.71-1.43) | .96 |  |  |
| Lung disease | 1.83 (0.93-3.61) | .08 |  |  |
| Renal disease | 0.90 (0.69-1.78) | .67 |  |  |
| Liver disease | 1.28 (0.65-2.51) | .48 |  |  |
| CNS disease | 0,85 (0.57-1.27) | .42 |  |  |
| Diabetes mellitus | 1.10 (0.72-1.68) | .65 |  |  |
| Solid malignancy | 0.87 (0.51-1.46) | .59 |  |  |
| Trauma | 0.87 (0.35-2.11) | .75 |  |  |
| Charlson comorbidity index | 0.97 (0.80-1.91) | .75 |  |  |
| ***Admission data*** |  |  |  |  |
| Length of stay, days | **0.98 (0.97-0.99)** | **<.001** |  |  |
| Surgery | **0.67 (0.48-0.94)** | **.02** | **1.83 (1.16-2.90)** | **.01** |
| Mechanical Ventilation | **0.50 (0.35-0.72)** | **<.001** | **0.53 (0.33-0.85)** | **.009** |
| Central venous catheter | **0.63 (0.45-0.90)** | **.01** |  |  |
| Urinary Catheter | **0.66 (0.47-0.93)** | **.02** |  |  |
| Nasoenteral tube | **0.59 (0.38-0.93)** | **.02** |  |  |
| Drains | **0.65 (0.46-0.92)** | **.01** |  |  |
| Pressure ulcer | 0.35 (0.09-1.43) | .14 |  |  |

Note. Statistically significant results are presented in boldface.

HR, Hazzard Ratio; CI, Confidence Interval; HCAI, Healthcare associated-infections; CNS, Central Nervous System.