**TABLE S1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **UNIVARIATE** | | | **MULTIVARIATE** | | |
| **Variable** | **HR** | **CI95%** | **p** | **HR** | **CI95%** | **p** |
| Late pre-dialysis care | 1.11 | 0.97-1.27 | 0.14 | 0.88 | 0.77-1.01 | 0.08 |
| **Sociodemographic:** |  |  |  |  |  |  |
| Age >65 years | 1.09 | 0.95-1.24 | 0.22 | - | - | - |
| Biennium or year of initiation of PD: | - | - | - | - | - | - |
| 2005/2006 | 1.21 | 1.01-1.45 | 0.04 | 1.16 | 0.97-1-39 | 0.11 |
| 2007/2008 | 1.09 | 0.91-1.29 | 0.36 | 1.06 | 0.89-1.27 | 0.50 |
| 2009/2010 (reference) | - | - | - | - | - | - |
| Center Experience (patients-year) | 0.99 | 0.99-1.00 | 0.02 | 0.99 | 0.99-1.00 | 0.05 |
| Distance to PD center  < 25km | 1.11 | 0.93-1.33 | 0.26 | - | - | - |
| Education < 4 years | 0.82 | 0.71-0.95 | <0.01 | 1.17 | 1.01-1.35 | 0.04 |
| Family Income <2MW | - | - | - | - | - | - |
| Gender (female) | 1.00 | 0.88-1.15 | 0.95 | - | - | - |
| Modality (CAPD) | 0.97 | 0.84-1.11 | 0.62 | - | - | - |
| Race (White) | 0.97 | 0.84-1.11 | 0.64 | - | - | - |
| Region South/Southeast (reference) | - | - | - | - | - | - |
| Region North/Northeast/Center West | 0.88 | 0.74-1.05 | 0.17 | 0.91 | 0.76-1.09 | 0.32 |
| Time of predialysis care | 0.99 | 0.99-1.00 | 0.35 | 0.99 | 0.99-1.00 | 0.49 |
| **Comorbidities:** |  |  |  |  |  |  |
| BMI (Kg/m2) | 1.00 | 0.99-1.02 | 0.45 | - | - | - |
| BMI (Kg/m2): | - | - | - | - | - |  |
| <18.5 | 1.14 | 0.87-1.51 | 0.35 | 1.07 | 0.81-1.42 | 0.61 |
| >25 | 1.10 | 0.96-1.26 | 0.19 | 1.10 | 0.96-1.27 | 0.16 |
| Coronary artery disease (yes) | 1.09 | 0.93-1.27 | 0.29 | - | - | - |
| Diabetes (yes) | 1.09 | 0.95-1.24 | 0.21 | - | - | - |
| Hypertension (yes) | 1.04 | 0.89-1.21 | 0.59 | - | - | - |
| Left Ventricular Hypertrophy (yes) | 1.07 | 0.93-1.24 | 0.34 | - | - | - |
| Malignancy (yes) | 1.62 | 1.18-2.23 | <0.01 | 1.48 | 1.07-2.02 | 0.02 |
| Peripheral artery disease (yes) | 1.10 | 0.93-1.30 | 0.27 | - | - | - |
| **Laboratory:** |  |  |  |  |  |  |
| Creatinine (mg/dl) – 1st quarter | 1.02 | 1.00-1.04 | 0.08 | - | - | - |
| Creatinine (mg/dl) time-averaged | 1.00 | 0.97-1.02 | 0.84 | - | - | - |
| Glucose (mg/dl) – 1st quarter | 1.00 | 0.99-1.00 | 0.44 | - | - | - |
| Glucose (mg/dl) time-averaged | 1.00 | 0.99-1.00 | 0.28 | - | - | - |
| Hemoglobin (g/dl) – 1st quarter | 0.97 | 0.93-1.01 | 0.10 | - | - | - |
| Hemoglobin (g/dl) time-averaged | 0.90 | 0.85-0.94 | <0.01 | - | - | - |
| Hemoglobin (g/dl): | - | - | - | - | - | - |
| <10 | 1.31 | 1.09-1.58 | <0.01 | 1.28 | 1.06-1.54 | 0.01 |
| >12 | 0.85 | 0.73-0.99 | 0.04 | 0.85 | 0.72-0.99 | 0.04 |
| Phosphorus (mg/dl) – 1st quarter | 1.01 | 0.96-1.07 | 0.71 | - | - | - |
| Phosphorus (mg/dl) - time-averaged | 0.98 | 0.91-1.04 | 0.46 | - | - | - |
| Phosphorus (mg/dl): | - | - | - | - | - | - |
| < 3.5 | 1.45 | 1.13-1.84 | <0.01 | 1.28 | 0.99-1.65 | 0.06 |
| >5.5 | 1.00 | 0.86-1.17 | 0.95 | 0.98 | 0.83-1.15 | 0.83 |
| Potassium (mEq/l) – 1st quarter | 0.92 | 0.84-1.02 | 0.92 | - | - | - |
| Potassium (mEq/l) time-averaged | 0.75 | 0.66-0.84 | <0.01 | - | - | - |
| Potassium (mEq/l): | - | - | - | - | - | - |
| < 3.5 | 1.60 | 1.26-2.03 | <0.01 | 1.45 | 1.13-1.86 | <0.01 |
| >5.5 | 1.30 | 0.93-1.81 | 0.12 | 1.27 | 0.90-1-79 | 0.17 |