

16. Multivariable Cox analysis assessing the effect of statin treatment on patient survival and functional graft survival

Multivariable Cox's proportional hazards model assessing the confounder-adjusted association of statin treatment on patient survival (death of any cause counted as endpoint).

	HR	95% CI	p-value
Statin treatment	0.64	0.48 – 0.86	0.003
Age (per decade)	1.71	1.54 – 1.9	<.001
Year of transplantation	0.96	0.92 – 1.00	0.029
Diabetes mellitus	1.33	1.01 – 1.76	0.041
Coronary heart disease	1.31	0.96 – 1.79	0.083
Peripheral arterial disease	1.45	1.05 – 2.00	0.026
Cardiomyopathy	1.15	0.78 – 1.69	0.464
Mean arterial pressure (per 10 mm/Hg)	1.01	1.00 – 1.01	0.002
Cholesterol (per 50 mg/dl)	0.91	0.81 – 1.02	0.112
Hemoglobin (g/dl)	0.87	0.83 – 0.92	<.001

Multivariable Cox's proportional hazards model assessing the confounder-adjusted association of statin treatment on functional graft survival (graft failure counted as endpoints, death censored). * Standard immunosuppression was steroids + MMF + CNI

	HR	95% CI	p-value
Statin treatment	0.76	0.55 – 1.04	0.086
Age (per decade)	0.99	0.91 – 1.08	0.907
Year of transplantation	0.95	0.91 – 0.99	0.014
Diabetes mellitus	1.18	0.85 – 1.63	0.330
Coronary heart disease	1.15	0.77 – 1.72	0.494
Peripheral arterial disease	1.17	0.78 – 1.75	0.439
Cardiomyopathy	1.23	0.87 – 1.73	0.239
No. of blood pressure medications	1.21	1.12 – 1.32	<0.001
Cholesterol (per 50 mg/dl)	0.87	0.78 – 0.97	0.010
Hemoglobin (g/dl)	0.80	0.76 – 0.84	<0.001
Immunosuppression (S + AZA + CNI vs. standard)*	1.37	0.87 – 2.14	0.171
Immunosuppression (steroid-free vs. standard)*	1.15	0.67 – 1.97	0.620
Immunosuppression (else vs. standard)*	2.13	1.43 – 3.16	<0.001