

SUGGESTED ELECTRONIC APPENDIX**Table S1:** Multivariate analysis of fully adjusted (for case-mix, MICS and transplant covariates) logistic regression models showing pre-transplant BMI and OR (and 95% CI as error bars) of delayed graft function for each standard deviation higher BMI in different sub-group of patients

Subgroups	Case-mix & MICS & Transplant data adjusted model	
	OR (95% CI)	P-value
Age \geq 50 years	1.36 (1.23-1.50)	<0.001
Age<50 years	1.35 (1.23-1.49)	<0.001
Interaction term for age	-	0.398
Male	1.28 (1.18-1.40)	<0.001
Female	1.47 (1.32-1.63)	<0.001
Interaction term for gender	-	0.137
Presence of diabetes	1.19 (1.05-1.35)	0.006
Absence of diabetes	1.41 (1.30-1.53)	<0.001
Interaction term for diabetes	-	0.014
Black	1.35 (1.21-1.51)	<0.001
White	1.44 (1.30-1.61)	<0.001
Hispanic	1.27 (1.05-1.52)	0.011
Interaction term for race	-	0.580
BMI \geq 30 kg/m ²	1.39 (1.18-1.64)	<0.001
BMI<30 kg/m ²	1.49 (1.30-1.71)	<0.001
BMI \geq 25 kg/m ²	1.28 (1.16-1.41)	<0.001
BMI<25 kg/m ²	1.44 (1.07-1.94)	0.015
Se creatinine \geq 10 mg/dl	1.36 (1.25-1.48)	<0.001
Se creatinine < 10 mg/dl	1.38 (1.24-1.53)	<0.001
Interaction term for creatinine	-	0.376
Hemoglobin \geq 11 g/dl	1.36 (1.26-1.46)	<0.001
Hemoglobin <11 g/dl	1.44 (1.20-1.72)	<0.001
Interaction term for hemoglobin	-	0.980
EDC kidney	1.58 (1.32-1.89)	<0.001
Non EDC kidney	1.31 (1.20-1.42)	<0.001
Interaction term for EDC	-	0.039
Living donor	1.33 (1.14-1.56)	<0.001
Deceased donor	1.36 (1.26-1.46)	<0.001

Interaction term for donor type	-	0.877
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Figure legends:

Figure S1: Multivariate analysis of logistic regression models showing pre-transplant BMI and OR (and 95% CI as error bars) of delayed graft function in our fully models using cubic spline curve in 11,836 kidney transplanted patients.

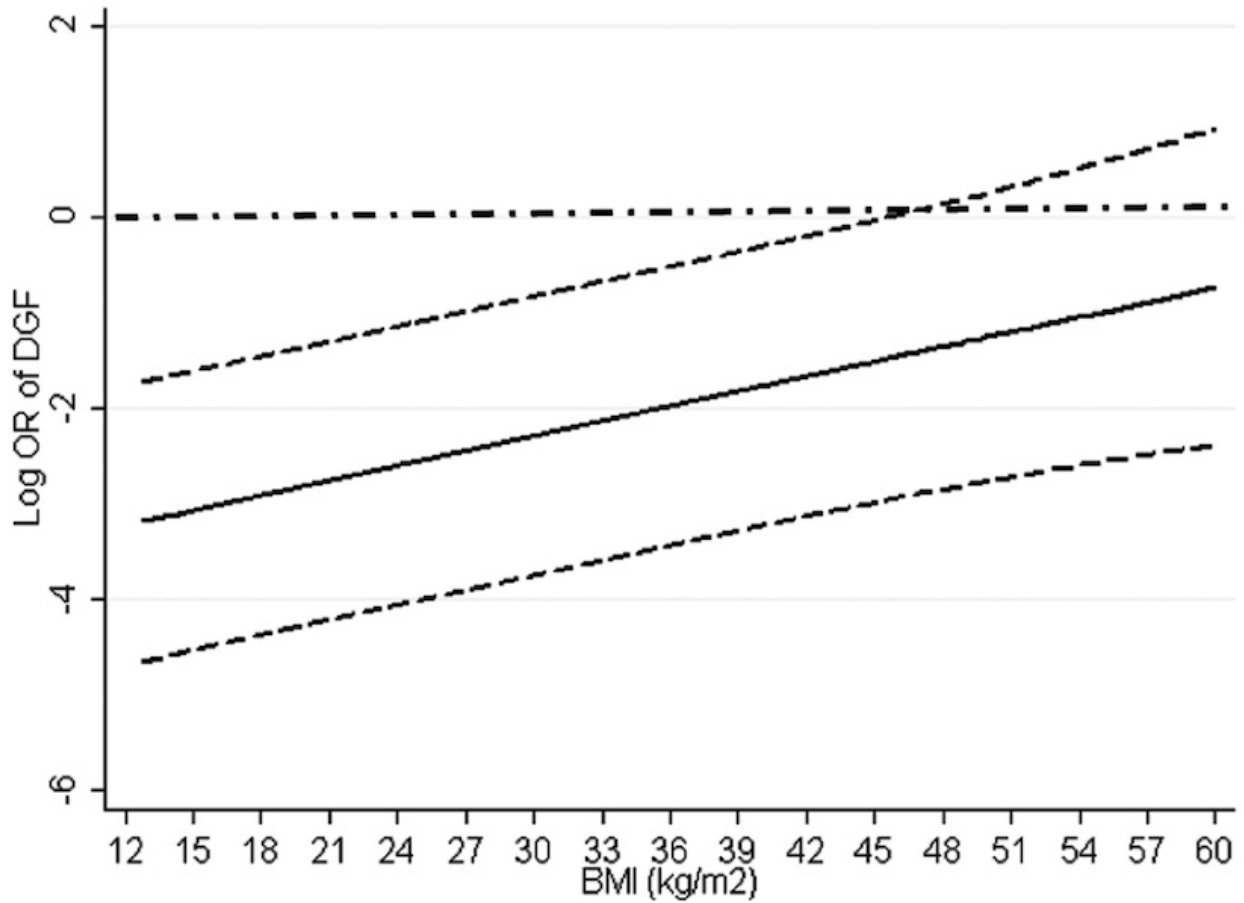


Figure S2: Multivariate analysis of logistic regression models showing pre-transplant BMI and OR (and 95% CI as error bars) of delayed graft function in four different models (Reference: BMI 22-<25 kg/m²) (A) and the fully adjusted model using cubic spline curve (B) in 13,798 kidney transplanted patients.

