
Supplementary information

Risk of kidney disease after living kidney donation

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Supplementary table 1. Web-based calculators for estimating risk of adverse outcomes in kidney donors

Predictor Variables	Grams et al. ^a (2016) ¹ transplantmodels.com/esrdrisk	Massie et al. ^b (2017) ² transplantmodels.com/donesrd	Palzer et al. ^c (2020) ³ shiny.biostat.umn.edu/transplant/kidneydonor
Age	X	X	X
Sex	X	X	X
Race	X	X	X
BMI	X	X	X
Donor–recipient relationship		X	X
eGFR	X		X
Creatinine			X
Urinary albumin to creatinine ratio	X		
Smoking history	X		X
Systolic BP	X		X
Diastolic BP			X
HTN medication	X		
Non-insulin dependent diabetes	X		
Glucose			X
Family history			
Hypertension			X
Hyperlipidemia			X
Recipient type 1 diabetes			X
Recipient type 2 diabetes			X
Outcomes predicted	15-year and lifetime risk of hypertension, diabetes, proteinuria and kidney failure (without donation)	20-year donor risk of kidney failure	40-year donor risk of eGFR (mg/ml/1.73m ²) <60, <45 or <30

^aBased on data from seven general population cohorts, with a median follow-up of 4–16 years per cohort. ^bNational donor registry; length of follow-up not available. ^cSingle-centre study with a median follow up of 22.8 years (range 0.8–56.4).

References

1. Grams, M. E. et al. Kidney-Failure Risk Projection for the Living Kidney-Donor Candidate. *N. Engl. J. Med.* **374**, 411-421 (2016).
2. Massie, A. B. et al. Quantifying Postdonation Risk of ESRD in Living Kidney Donors. *J. Am. Soc. Nephrol.* **28**, 2749-2755 (2017).
3. Palzer, E. F. et al. Long-Term Living Kidney Donor Risk: A Web-Based Calculator. *J. Am. Soc. Nephrol.* **31**, 2968-2969 (2020).