

Supplementary Online Content

Beohar N, Doshi D, Thourani VH, et al. Association of transcatheter aortic valve replacement with 30-day renal function and 1-year outcomes among patients presenting with compromised baseline renal function: experience from the PARTNER 1 trial and registry. *JAMA Cardiol*. Published online May 3, 2017.
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eFigure. Study Flow

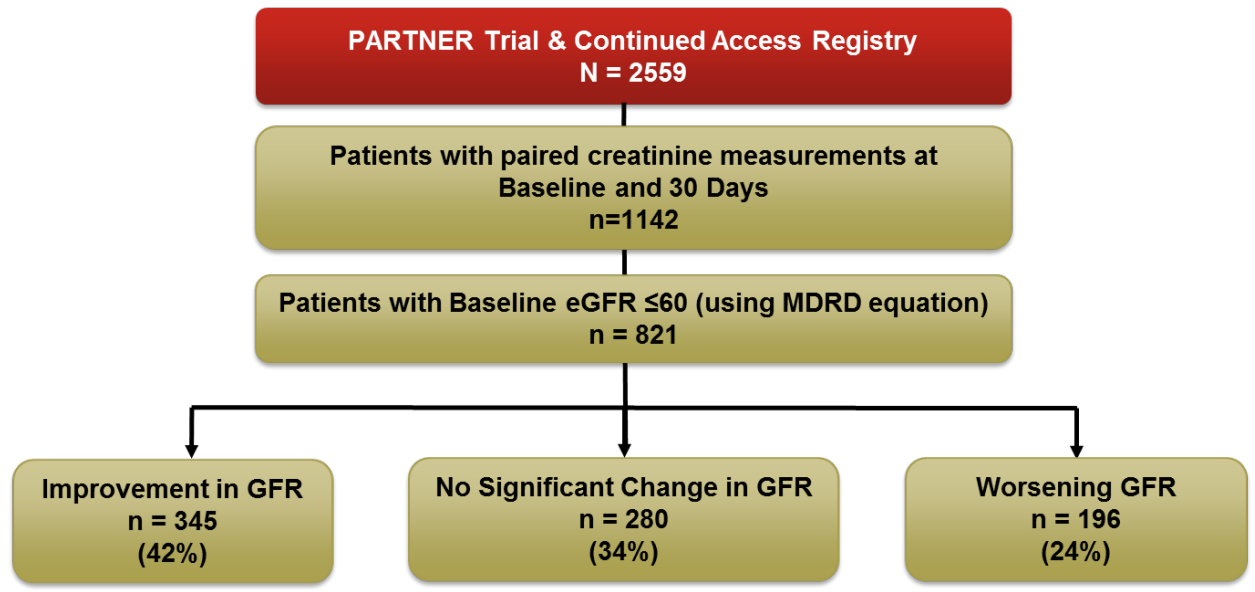
eTable 1. Baseline Characteristics of Patients With vs. Without Paired eGFR Measurements at Baseline and 30 Days

eTable 2. Baseline Echocardiographic and Hemodynamic Characteristics of Patients With vs. Without Paired eGFR

eTable 3. Procedural Characteristics of Patients With vs. Without Paired eGFR

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure 1. Study Flow



eTable 1. Baseline Characteristics of patients with vs. without paired eGFR measurements

Baseline Characteristics	With paired eGFR n=821	Without paired eGFR n=1738	P value
Age (yrs.)	84.82 ± 6.87	84.29 ± 7.28	0.07
Female	48.7%	47.2%	0.47
BMI	27.01 ± 6.15	26.62 ± 6.35	0.15
Diabetes	36.8%	36.6%	0.94
COPD	43.4%	45.2%	0.39
Renal disease (Cr ≥ 2 mg/dl)	20.3%	14.6%	0.0003
CAD	79.6%	76.9%	0.12
PAD	42.2%	43.1%	0.68
Smoker	46.0%	49.5%	0.10
HTN	93.2%	91.1%	0.08
PHTN	40.0%	38.5%	0.48
NYHA 3/4	94.3%	95.1%	0.41
Liver Disease	2.1%	2.9%	0.21
Median STS [IQR]	10.80 [9.40, 13.20]	10.70 [9.20, 12.70]	0.03
Baseline eGFR	40.9 ± 11.1	57.8 ± 22.6	<0.0001

Continuous data are mean ± SD or median [IQR]. Categorical data are %

CAD: Coronary artery disease, COPD: Chronic obstructive pulmonary disease, GFR: glomerular filtration rate (determined by MDRD formula), IQR: Interquartile Range, NYHA: New York Heart Association Class, PAD: peripheral artery disease, PHTN: pulmonary hypertension; STS: Society of Thoracic Surgeons Predicted Risk of Mortality Score

eTable 2: Baseline Echocardiographic and Hemodynamic Characteristics of Patients

With vs. Without Paired eGFR

Hemodynamic Characteristic	With paired eGFR n=821	Without paired eGFR n=1738	<i>P</i> value
Mean Aortic valve Gradient (mmHg)	39.47 ± 15.29	40.08 ± 17.35	0.43
Mean Cardiac Index (L/min/m ²)	2.09 ± 0.99	2.18 ± 2.27	0.22
Stroke Volume (mL)	65.42 ± 20.40	65.81 ± 20.94	0.77
Mean Baseline LVEF (%)	51.74 ± 12.97	52.71 ± 12.97	0.08
Baseline LV mass (g)	250.83 ± 75.50	248.99 ± 76.77	0.59

Data are mean±SD.

eTable 3: Procedural Characteristics of Those with vs. Without Paired eGFR

Procedural Characteristic	With paired eGFR n=821	Without paired eGFR n=1738	<i>P</i> value
Successful valve implantation	97.8%	97.3%	0.44
Conversion to open heart surgery	1.2%	1.5%	0.58
Volume of contrast used (cc)	118.26 ± 130.53	126.50 ± 116.07	0.13