



**Supplemental Materials for**

**Baseline Serum Interleukin-6 Predicts Cardiovascular Events in Incident Peritoneal Dialysis Patients**

*Yeoungjee Cho, David W. Johnson, David A. Vesey, Carmel M. Hawley, Elaine M. Pascoe, Margaret Clarke, Nicholas Topley on behalf of the balANZ Trial Investigators*

Correspondence to: D. W. Johnson, Department of Nephrology, Level 2, ARTS Building, Princess Alexandra Hospital, Ipswich Road, Woolloongabba, Brisbane, Queensland 4102, Australia. [David.johnson2@health.qld.gov.au](mailto:David.johnson2@health.qld.gov.au)



**Supplemental Table 1: Multilevel linear regression to evaluate the effect of peritoneal dialysis solution type on serum interleukin-6 concentrations.**

Variable	All patients (n=175)			Complete patients (n=75)		
	Regression coefficient	Standard error	P values	Regression coefficient	Standard error	P values
PD solution						
- Control	Reference	Reference	Reference	Reference	Reference	Reference
- Biocompatible	0.22	0.12	0.06	0.13	0.16	0.41
Time			0.001			<0.001
- Month 6	Reference	Reference	Reference	Reference	Reference	Reference
- Month 12	0.12	0.09	0.21	0.14	0.11	0.20
- Month 18	0.23	0.09	0.01	0.30	0.11	0.006
- Month 24	0.39	0.10	<0.001	0.43	0.11	<0.001
Baseline Log <sub>10</sub> IL-6 (pg/mL)	0.40	0.06	<0.001	0.41	0.07	<0.001



PD solution type * Time <sup>#</sup>			0.12			0.10
- month 6	Reference	Reference	Reference	Reference	Reference	Reference
- month 12						
- month 18	0.04	0.13	0.76	0.16	0.16	0.34
- month 24 <sup>^</sup>	-0.17	0.14	0.21	-0.17	0.16	0.32
	-0.28	0.15	0.06	-0.21	0.16	0.20

# Two-way interaction: PD solution type X Time. PD: peritoneal dialysis



**Supplemental Table 2: Univariable logistic regression showing association between tertiles of baseline interleukin-6 concentrations and all-cause mortality.**

<b>Variable</b>	<b>Odds ratio</b>	<b>95% confidence interval</b>	<b>P values</b>
IL-6 Tertiles			
- 1	Reference	Reference	Reference
- 2	7.84	0.93-65.95	0.06
- 3	10.72	1.31-87.75	0.03

