



Appendix 1

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Christelis N, Wallace S, Sage CE, et al. An enhanced recovery after surgery program for hip and knee arthroplasty. *Med J Aust* 2015; 202: 363-368. doi: 10.5694/mja14.00601.

Appendix 1. Perioperative renal function.

AKI measure	Pre-ERAS	ERAS	Risk ratio (95% CI)	P value
Baseline (preop) creatinine	75 (21)	78 (24)	-	0.27
Final creatinine, mmol/L unadjusted	70 (21)	79 (24)	-	0.01
adjusted	71 (21)	80 (25)	-	0.02
Delta creatinine, mmol/L unadjusted	12 (32)	20 (29)	-	0.11
adjusted	14 (33)	21 (29)	-	0.14
AKIN criteria unadjusted	18%	26%	1.4 (0.9-2.8)	0.18
adjusted	20%	26%	1.3 (0.8-2.0)	0.33
RIFLE-R unadjusted	14%	18%	1.2 (0.7-2.1)	0.48
adjusted	15%	18%	1.2 (0.7-2.0)	0.57
RIFLE-I unadjusted	14%	18%	1.2 (0.7-2.1)	0.48
adjusted	15%	18%	1.2 (0.7-2.0)	0.57

AKI = acute kidney injury; ERAS = Enhanced Recovery After Surgery;
 AKIN = Acute Kidney Injury Network; RIFLE = Risk, Injury, Failure, Loss,
 End-stage renal failure)