

**EFFECTS OF RENAL PERFUSION PRESSURE ON  
RENAL MEDULLARY H<sub>2</sub>O<sub>2</sub> AND NO PRODUCTION**

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**Running title: Pressure-induced renal oxidative stress**

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## Online Supplement

**Table S1:** Summary of results for Time Control studies run for three periods of 30 minutes to correspond to the periods of step changes in pressure.

A. Time control for H<sub>2</sub>O<sub>2</sub> measurements (n=7):

Measurement	Period 1	Period 2	Period 3
MAP (mmHg)	110±4.9	111±5.0	110±4.8
UNaV (μmol/min per g kwt)	3.14±0.6	3.54±0.4	4.01±0.5
UV (μL/min per g kwt)	25.4±4.7	26.9±4.4	25.2±3.8
Medullary Interstitial H <sub>2</sub> O <sub>2</sub> (nmol/L)	928±33	978±34	1011±54
UH <sub>2</sub> O <sub>2</sub> V (nmol/min per g kwt)	0.53±0.05	0.56±0.05	0.56±0.05

B. Time control for Nox measurements (n=7):

Measurement	Period 1	Period 2	Period 3
MAP (mmHg)	110±3.9	111±3.8	110±3.9
UNaV (μmol/min per g kwt)	3.97±0.4	4.47±0.6	3.86±0.6
UV (μL/min per g kwt)	24.5±5.0	26.2±5.7	23.7±5.0
Medullary Interstitial Nitrate (μmol/L)	11.3±3.6	14.3±4.9	14.9±4.6
U <sub>NO<sub>2</sub>+NO<sub>3</sub></sub> V (nmol/min per g kwt)	6.3±1.3	7.3±1.8	8.6±1.9