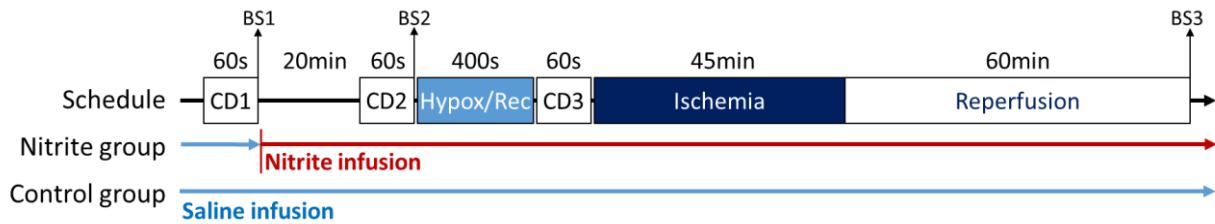


Low dose nitrite improves reoxygenation following renal ischemia in rats

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Supplemental Figure 1



Scheme depicting the schedule of the experiments (please note: times are not to scale). After completion of the surgical preparation, registration of control data and blood sampling (CD1 and BS1) took place to obtain baseline data. Thereafter, nitrite infusion was initiated in the nitrite group while saline infusion was continued in the control group. Twenty minutes later, another set of control data and blood sample was obtained (CD2 and BS2), before a brief hypoxic challenge and recovery (Hypox/Rec; inspiratory O₂ fraction of 10% for 100 sec, followed by 300 sec recovery at inspiratory O₂ fraction of 21%) was performed. Following another registration of control data (CD3), ischemia of the left kidney was initiated and maintained for 45 min, which was followed by 60 min of reperfusion, at the end of which a last blood sample (BS3) was taken.