



Suppl. Fig. 2

Supplemental Figure 2. Calculation and measurement of blood recirculation fraction through the veno-venous extracorporeal membrane oxygenation circuit.

A, Recirculation fraction (Rf) of blood through the extracorporeal membrane oxygenation (ECMO) circuit in % of total ECMO blood flow (\dot{Q}_{EC}) measured with a saline dilution ultrasound technique vs. calculated values according to the Extracorporeal Life Support Organization (ELSO) different extracorporeal blood flows (\dot{Q}_{EC}) set at defined ratios of $\dot{Q}_{EC}/\dot{Q}_{AO}$. **B**, Measurements and calculations as in A after induction of acute lung injury (ALI). Values are mean \pm SD; *: $p < 0.05$ calculated vs. measured recirculation; ‡: $p < 0.05$ vs. ECMO blood flow 25%; #: $p < 0.05$ vs. ECMO blood flow 50%.