



Supplementary Figure S1. Initiation of trauma hemorrhage. After insertion of a catheter into the left femoral artery, the mean arterial blood pressure was measured by a blood pressure analyzer, which was connected to a blood pressure measuring cell. Alternately, blood was collected via a syringe, after disconnecting the measuring devices, to maintain a mean arterial blood pressure of 35 ± 5 mmHg over 90 minutes. Afterwards, four times of the amount of taken blood was reinfused by pre-heated body-temperature Ringer's solution via the catheter within 30 minutes.