Supplementary Table 3. Mean blood flow and velocity in the intercostal arteries and spinal cord pre- and post-ligation and the percent change in the intercostal artery and spinal cord blood flow pre-and post-ligation. All statistics are calculated by paired t-test. Calculated using GraphPad Prism 8.4.3.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Mean** | **SD** | **SEM** | **95% CI** | **P value** |
| **Intercostal Artery Blood Flow (ml/min/100g tissue)** | **Pre-Ligation** | 67.66 | ±8.50 | 4.25 | 59.32 to 76 | <0.001 |
| **Post-Ligation** | 24.32 | ±6.02 | 3.01 | 18.42 to 30.22 |
| **Intercostal Artery Blood Flow % Change** | **-** | -63.81 | ±8.64 | 4.32 | -72.28 to -55.34 | - |
| **Intercostal Artery Blood Velocity (m/s/100g tissue)** | **Pre-Ligation** | 4.57 | ±2.09 | 1.05 | 2.52 to 6.62 | 0.030 |
| **Post-Ligation** | 0.80 | ±0.31 | 0.16 | 0.49 to 1.11 |
| **Intercostal Artery Blood Velocity % Change** | **-** | -78.14 | ±13.28 | 6.64 | -91.15 to -65.13 | - |
| **Spinal Cord Blood Flow (ml/min/100g tissue)** | **Pre-Ligation** | 31.83 | ±4.79 | 2.40 | 27.13 to 36.53 | <0.001 |
| **Post-Ligation** | 10.40 | ±4.96 | 2.48 | 5.54 to 15.26 |
| **Spinal Cord Blood Flow % Change** | **-** | -68.55 | ±11.91 | 5.96 | -80.23 to -56.87 | - |
| **Spinal Cord Blood Velocity (m/s/100g tissue)** | **Pre-Ligation** | 1.30 | ±0.11 | 0.06 | 1.19 to 1.41 | <0.001 |
| **Post-Ligation** | 0.49 | ±0.22 | 0.12 | 0.26 to 0.72 |
| **Spinal Cord Blood Velocity % Change** | **-** | -62.43 | ±16.10 | 8.05 | -78.2 to -46.66 | - |