

Supplementary Table S1: Pretreatment values of serum parameters

| Parameter | CG ¹ | T5 ² | T10 ³ | SEM | Treatment (P-Values) |
|--|-----------------|-----------------|------------------|-------|----------------------|
| Creatine Kinase, μL^{-1} | 180.2 | 151.5 | 154.8 | 7.8 | 0.28 |
| Albumin, gdL^{-1} | 4.23 | 4.34 | 4.15 | 0.07 | 0.51 |
| Aspartate aminotransferase, UL^{-1} | 96.1 | 89.6 | 97.1 | 3.7 | 0.69 |
| Total bilirubin, mgdL^{-1} | 0.04 | 0.03 | 0.05 | 0.008 | 0.55 |
| Calcium, mgdL^{-1} | 9.83 | 9.39 | 9.91 | 0.11 | 0.12 |
| Cholesterol, mgdL^{-1} | 93.2 | 92.0 | 91.7 | 3.4 | 0.98 |
| Creatinine, mgdL^{-1} | 0.81 | 0.85 | 0.93 | 0.03 | 0.17 |
| Gama-Glutamyltransferase, μL^{-1} | 60.3 | 65.3 | 67.5 | 1.5 | 0.14 |
| Lactate Dehydrogenase, μL^{-1} | 865.2 | 952 | 939.8 | 31.2 | 0.49 |
| Magnesium, μL^{-1} | 2.17 | 1.98 | 2.05 | 0.04 | 0.25 |
| Phosphorous, mgdL^{-1} | 5.13 | 5.86 | 5.01 | 0.31 | 0.50 |
| Total Protein, gdL^{-1} | 7.61 | 7.38 | 7.63 | 0.12 | 0.63 |
| Triglycerides, mgdL^{-1} | 11.2 | 10.4 | 16.4 | 1.7 | 0.38 |
| Urea, mgdL^{-1} | 33.9 | 37.3 | 35.5 | 1.0 | 0.38 |
| Sodium, mmolL^{-1} | 145.5 | 145.2 | 144.5 | 0.4 | 0.61 |
| Potassium, mmolL^{-1} | 5.23 | 5.18 | 4.97 | 0.06 | 0.19 |
| Chloride, mmolL^{-1} | 102.9 | 103.1 | 101.4 | 0.4 | 0.10 |

¹CG - Control²T5 – Thiamine treatment at a dose of 5mg/kg³T10 – Thiamine treatment at a dose of 10mg/kg