

Table 3. Blood chemistries of dogs subjected to hypothermia

Correct entire table according to corrections shown for SGOT

| Component and Normal range | | PRE* | TBW | POST | 1-2 DA | 3-5 DA | 8-12 DA |
|----------------------------------|------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| SGOT 10–80 IU/L | Mean | 95.6 | 24.5 | 487 | 1782 | 492 | 103 |
| | Min | 27 | 15 | 56 | 1198 | 98 | 72 |
| | Max | 212 | 35 | 1412 | 2806 | 925 | 144 |
| | SD | | | | | | |
| | n | 5 | 4 | 4 | 4 | 3 | 3 |
| SGPT 10–80 IU/L | Mean | 48.0 ₅ | 22.0 ₄ | 146.0 ₄ | 577.2 ₅ | 489.0 ₃ | 189.7 ₃ |
| | Min | 10 | 10 | 30 | 268 | 448 | 60 |
| | Max | 138 | 34 | 324 | 947 | 560 | 298 |
| Alk phosphatase 10–150 IU/L | Mean | 68.2 ₅ | 25.5 ₄ | 100.5 ₄ | 175.8 ₅ | 154.7 ₃ | 143.3 ₃ |
| | Min | 45 | 12 | 26 | 80 | 120 | 124 |
| | Max | 102 | 37 | 161 | 313 | 223 | 157 |
| Amylase 500–2000 IU/L | Mean | 1639.3 ₄ | 162.0 ₃ | 2870.0 ₃ | 4534.0 ₄ | 2942.5 ₂ | 2201.7 ₃ |
| | Min | 1314 | 159 | 1333 | 2670 | 1963 | 948 |
| | Max | 2248 | 165 | 5000 | 5000 | 3922 | 2906 |
| Lipase 0.1–3.0 Neph. U | Mean | 1.4 ₄ | 0.8 ₃ | 6.3 ₃ | 1.0 ₄ | 3.2 ₂ | – |
| | Min | 1.3 | 0.3 | 6.0 | 0.3 | 1.7 | – |
| | Max | 1.5 | 1.7 | 6.5 | 2.3 | 4.7 | – |
| CPK 50–350 IU/L | Mean | 415.3 ₄ | 110.8 ₄ | 1374.8 ₄ | 3000.0 ₃ | 2731.0 ₂ | 461.3 ₃ |
| | Min | 109 | 61 | 369 | 2000 | 462 | 77 |
| | Max | 843 | 187 | 2000 | 5000 | 5000 | 991 |
| LDH 50–495 IU/L | Mean | 83.8 ₄ | 1045.8 ₄ | 325.7 ₃ | 550.8 ₄ | 318.3 ₃ | 227.5 ₂ |
| | Min | 60 | 59 | 272 | 409 | 185 | 120 |
| | Max | 124 | 3590 | 416 | 634 | 529 | 335 |
| BUN 12–25 mg/dL | Mean | 21.8 ₅ | 13.0 ₄ | 17.3 ₄ | 28.4 ₅ | 21.7 ₃ | 16.7 ₃ |
| | Min | 14 | 11 | 6 | 13 | 16 | 14 |
| | Max | 32 | 16 | 22 | 52 | 26 | 21 |
| Cholesterol 125–250 mg/dl | Mean | 182.6 ₅ | 15.8 ₄ | 84.0 ₄ | 110.6 ₅ | 132.0 ₃ | 167.0 ₃ |
| | Min | 120 | 11 | 62 | 87 | 124 | 138 |
| | Max | 328 | 18 | 110 | 140 | 140 | 201 |
| Total protein 5.4–7.1 g/dL | Mean | 5.8 ₄ | 1.2 ₄ | 3.2 ₄ | 4.0 ₅ | 4.7 ₃ | 5.5 ₃ |
| | Min | 4.8 | 1.0 | 2.7 | 3.2 | 3.7 | 5.2 |
| | Max | 6.6 | 1.3 | 4.0 | 4.4 | 5.2 | 5.7 |
| Total bilirubin 0.1–0.6 mg/dL | Mean | 0.3 ₄ | 0.1 ₄ | 0.3 ₄ | 0.3 ₅ | 0.2 ₃ | 0.3 ₃ |
| | Min | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 |
| | Max | 0.6 | 0.2 | 0.5 | 0.4 | 0.2 | 0.4 |

Table 3. Continued

| | | | | | | | |
|------------------------------------|------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Creatinine 1.0–2.0 mg/dL | Mean | 1.3 ₅ | 0.9 ₄ | 1.4 ₄ | 1.8 ₅ | 1.0 ₃ | 1.0 ₃ |
| | Min | 1.0 | 0.7 | 0.6 | 1.1 | 0.8 | 0.7 |
| | Max | 1.6 | 1.0 | 2.0 | 2.8 | 1.2 | 1.3 |
| Phosphorus 2.2–5.5 mg/dL | Mean | 4.2 ₅ | 2.4 ₄ | 4.7 ₄ | 4.2 ₅ | 4.3 ₃ | 5.4 ₃ |
| | Min | 2.4 | 1.2 | 1.8 | 2.7 | 3.9 | 4.3 |
| | Max | 5.2 | 3.4 | 10.0 | 5.6 | 4.7 | 6.0 |
| Albumin 2.3–3.2 g/dL | Mean | 2.6 ₄ | 0.5 ₄ | 1.6 ₄ | 2.0 ₅ | 2.3 ₃ | 2.4 ₃ |
| | Min | 2.4 | 0.3 | 1.4 | 1.7 | 1.9 | 2.1 |
| | Max | 2.8 | 1.2 | 1.9 | 2.4 | 2.8 | 2.8 |
| Glucose 60–110 mg/dL | Mean | 122.0 ₅ | 195.3 ₃ | 265.3 ₃ | 122.5 ₂ | 134.3 ₃ | 92.0 ₃ |
| | Min | 100 | 155 | 231 | 85 | 105 | 77 |
| | Max | 157 | 228 | 311 | 160 | 170 | 100 |
| Ca ⁺⁺ 8.6–11.2 mEq/L | Mean | 8.9 ₅ | 5.7 ₄ | 7.7 ₄ | 8.5 ₅ | 8.8 ₃ | 9.4 ₃ |
| | Min | 6.6 | 4.6 | 5.0 | 7.7 | 8.4 | 8.9 |
| | Max | 9.8 | 6.2 | 10.0 | 10.8 | 9.2 | 10.0 |
| Na ⁺ 141–152 mEq/L | Mean | 148.3 ₃ | 107.3 ₄ | 141.8 ₄ | 144.0 ₄ | 143.3 ₃ | 143.0 ₁ |
| | Min | 146 | 102 | 136 | 137 | 141 | 143 |
| | Max | 150 | 114 | 154 | 152 | 146 | 143 |
| K ⁺ 4.0–5.7 mEq/L | Mean | 4.5 ₄ | 12.6 ₄ | 4.6 ₄ | 3.9 ₄ | 3.5 ₃ | 4.5 ₁ |
| | Min | 4.2 | 9.7 | 4.1 | 3.1 | 3.0 | 4.5 |
| | Max | 5.0 | 16.6 | 5.2 | 4.3 | 4.2 | 4.5 |
| Cl ⁻ 105–115 mEq/L | Mean | 122.7 ₃ | 84.5 ₄ | 108.5 ₄ | 112.0 ₄ | 108.7 ₃ | 108.0 ₁ |
| | Min | 116 | 82 | 107 | 104 | 107 | 108 |
| | Max | 132 | 86 | 111 | 123 | 110 | 108 |

))))))))))))))))))))))))))))))))))))))-)))))
 *PRE = preoperatively; TBW = during the TBW procedure; POST = immediately following the procedure; 1–2 DA, 3–5 DA, 8–12 DA = days following the procedure.