**Table I: Laboratory Trend During Hospitalization**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time** | **Admission (Hospital Day 0)** | **Hospital Day 1\*** | **Hospital Day 1\*\*** | **Hospital Day 2** | **Hospital Day 3\*\*\*** | **Hospital Day 4\*\*\*\*** | **Hospital Day 5** |
| **Shock Labs** | | | | | | | |
| Lactate | n/a | 11.6 | 6.3 | 3.4 | 2 | 1.5 | 1.4 |
| Creatinine | 0.48 | 0.8 | 1.25 | 1.42 | 1 | 0.75 | 0.4 |
| Total Bili | 3.2 | 5.1 | 8.1 | 12.2 | 7.2 | 5.7 | 3.1 |
| AST | 58 | hemolyzed | hemolyzed | 1807 | 609 | 416 | 123 |
| ALT | 117 | hemolyzed | hemolyzed | 1324 | 1154 | 1090 | 692 |
| Mixed Venous O2 Sat | | 29.6 | 57.1 | 53.4 | 55.2 | 52.8 | 54.3 |
| **Hemolysis Labs** | | | | | | | |
| Platelets | 127 | 105 | 88 | 65 | 39 | 50 | 106 |
| Hb | 12.1 | 12.8 | 11.2 | 9.8 | 9.2 | 9.4 | 9.3 |
| LDH | n/a | n/a | 2543 | 4685 | 6150 | 2396 | n/a |
| **Thyroid Labs** | | | | | | | |
| TSH | 0.01 |  |  |  | 0.02 |  |  |
| Free T3 | 32 |  |  |  | 3.1 |  | 3.5 |
| Free T4 | 7.7 |  |  |  | 5.6 |  | 2.1 |
|  |  |  |  |  |  |  |  |
| \*Prior to Impella Pacement | | | | | | | |
| \*\*Post Bi-Pella Placement | | | | | | | |
| \*\*\*Prior to RP Removal | | | | | | | |
| \*\*\*\*Prior to CP Removal | | | | | | | |