Table 1. A Summary of Laboratory Test Results.

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| *Variable* | *Reference range* | *At admission (day 1)* | *Day 3* | *Day 5* | *Day 7* |
| *White blood cell (per μl)* | 4000-10000 | 9300 | 8500 | 11100 | 9800 |
| *Hemoglobin (g/dl)* | 12-16 | 13.8 | 13 | 12.1 | 11.7 |
| *Hematocrit (%)* | 39-52 | 42.2 | 39.6 | 38.7 | 36.3 |
| *Mean corpuscular volume (Fl)* | 80-100 | 78.1 | 71.3 | 77.9 | 76.7 |
| *Platelet count (per μl)* | 150000-450000 | 436000 | 468000 | 495000 | 532000 |
| *Prothrombin time (Sec)* | 13-15 | 12.5 | \_ | \_ | \_ |
| *partial thromboplastin time (Sec)* | 24-36 | 28 | \_ | \_ | \_ |
| *International normalized ratio* | 0.8-1.1 | 1 | \_ | \_ | \_ |
| *Blood sugar (mg/dl)* | <140 | 137 | \_ | 196 | \_ |
| *Urea (mg/dl)* | 15-45 | 26 | 27 | 32 | 28 |
| *Creatinine (mg/dl)* | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 |
| *Creatine phosphokinase (U/liter)* | 24-195 | 43 | \_ | \_ | \_ |
| *Lactate dehydrogenase (U/liter)* | <480 | 242 | \_ | \_ | \_ |
| *Sodium (mmol/liter)* | 135-145 | 133 | 135 | 137 | 139 |
| *Potassium (mmol/liter)* | 3.8-5 | 4 | 4.4 | 4 | 3.9 |
| *Troponin I* | \_ | Negative | \_ | \_ | \_ |
| *D-dimer (g/liter)* | <70 | 718 | \_ | \_ | \_ |
| *C-reactive protein (mg/liter)* | <6 | 153 | \_ | 211 | \_ |
| *Erythrocyte sedimentation rate (mm/hr)* | <12 | 90 | \_ | \_ | 84 |

Table 2. First Line Drugs Used in the Treatment of Adults with TB Based on the ATS/ CDC/ IDSA Guidelines.

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| *Anti -TB drug* | *Dosage* |
| *Isoniazid (INH)* | 5 mg/kg (~ 300 mg) |
| *Rifampicin (RIF)* | 10 mg/kg (~ 600 mg) |
| *Pyrazinamide (PZA)* | 1000 mg (40 - 55 kg weight)  1500 mg (56 - 75 kg weight)  2000 mg (76 - 90 kg weight) |
| *Ethambutol (EMB)* | 800 mg (40 - 55 kg weight)  1200 mg (56 - 75 kg weight)  1600 mg (76 - 90 kg weight) |