**Table 2. Medical cost of health states and transitions used in the model.**

|  | **Cost ($)** | **Annual Frequency** | **Total Cost ($)\*** | **Range in $ (50-150%)** |
| --- | --- | --- | --- | --- |
| **Normal Care** |  |  |  |  |
| **Transplant hepatology office visit** | 110 | 1 | 110 |  |
| **Physician Fee** | 50 | 1 | 50 |  |
| **Complete Blood count** | 3 | 4 | 12 |  |
| **Hepatic Function panel** | 3 | 4 | 12 |  |
| **Coagulation Panel** | 3 | 4 | 12 |  |
| **Tacrolimus level** | 10 | 4 | 40 |  |
| **Biopsy** | 1500 | 0.2 | 300 |  |
| **Abdominal U/S with Doppler** | 520 | 1 | 520 |  |
| **Tacrolimus daily** | 9.51 | 365 days | 3471 |  |
| **Total** |  |  | 4527 | 2263-6790 |
| **Weaning off IS** | |  |  |  |
| **Transplant hepatology office visit** | 110 | 4 | 440 |  |
| **Physician Fee** | 50 | 4 | 200 |  |
| **Complete Blood count** | 3 | 26 | 78 |  |
| **Hepatic Function panel** | 3 | 26 | 78 |  |
| **Coagulation Panel** | 3 | 26 | 78 |  |
| **Tacrolimus level** | 10 | 18 | 180 |  |
| **Biopsy** | 1500 | 2 | 3000 |  |
| **Abdominal U/S with Doppler** | 520 | 2 | 1040 |  |
| **Tacrolimus daily** | 9.51 | 240 days | 2282 |  |
| **Total** |  |  | 7376 | 3688-11064 |
| **Withdrawing off IS Second Year** | |  |  |  |
| **Transplant hepatology office visit** | 110 | 2 | 220 |  |
| **Physician Fee** | 50 | 2 | 100 |  |
| **Complete Blood count** | 3 | 12 | 36 |  |
| **Hepatic Function panel** | 3 | 12 | 36 |  |
| **Coagulation Panel** | 3 | 12 | 36 |  |
| **Tacrolimus level** | 10 | 0 | 0 |  |
| **Biopsy** | 1500 | 0 | 0 |  |
| **Abdominal U/S with Doppler** | 520 | 1 | 520 |  |
| **Tacrolimus daily** | 9.51 | 0 | 0 |  |
| **Total** |  |  | 948 | 474-1422 |
|  |  |  |  |  |
| **Off IS** |  |  |  |  |
| **Transplant hepatology office visit** | 110 | 1 | 110 |  |
| **Physician Fee** | 50 | 1 | 50 |  |
| **Complete Blood count** | 3 | 4 | 12 |  |
| **Hepatic Function panel** | 3 | 4 | 12 |  |
| **Coagulation Panel** | 3 | 4 | 12 |  |
| **Tacrolimus level** | 10 | 0 | 0 |  |
| **Biopsy** | 1500 | 0 | 0 |  |
| **Abdominal U/S with Doppler** | 520 | 1 | 520 |  |
| **Tacrolimus daily** | 9.51 | 0 | 0 |  |
| **Total** |  |  | 716 | 358-1074 |
|  |  |  |  |  |
| **Chronic Rejection** |  |  |  |  |
| **Normal Care** | 4527 | 1 | 4527.15 |  |
| **Mycophenolate** | 20.44 | 365 days | 7460.6 |  |
| **Hospital Stay** | 16900 | 0.5 | 8450 |  |
| **Total** |  |  | 20438 | 10219-30656 |
|  |  |  |  |  |
| **Poor Outcomes** |  |  |  |  |
| **Normal Care** | 4527 | 1 | 4527.15 |  |
| **Amlodipine** | 0.073 | 365 days | 26.645 |  |
| **Hospital Stay** | 16900 | 0.5 | 8450 |  |
| **Total** |  |  | 13004 | 6501-19505 |
|  |  |  |  |  |
| **Chronic Rejection+ Poor Outcomes** | | |  |  |
| **Normal Care** | 4527 | 1 | 4527.15 |  |
| **Mycophenolate** | 20.44 | 365 days | 7460.6 |  |
| **Amlodipine** | 0.073 | 365 days | 26.645 |  |
| **Hospital Stay** | 16900 | 1 | 16900 |  |
| **Total** |  |  | 28914 | 14457-43371 |
|  |  |  |  |  |
| **Second Transplant 28** | 209000 | 1 | 209000 |  |
| **Total** |  |  | 209000 | 104500-313500 |
|  |  |  |  |  |
| **Second Transplant After first year** | | |  |  |
| **Normal Care** | 4527 | 1 | 4527 |  |
| **Transplant hepatology office visit** | 110 | 2 | 220 |  |
| **Mycophenolate** | 20.44 | 182 days | 3720.08 |  |
| **Physician Fee** | 50 | 2 | 100 |  |
| **Total** |  |  | 12047 | 6023-18070 |
|  |  |  |  |  |
| **Acute Rejection** | |  |  |  |
| **Hospital stay 3 days** | 21300 | 1 | 21300 |  |
| **Mycophenolate** | 20.44 | 240 days | 4906 |  |
| **Total** |  |  | 26206 | 13102-39308 |

\* All drug costs are average wholesale prices from Red Book11