# Supplementary Digital Content

## Calculation Details

The change in time per dosing cycle was calculated by multiplying the time savings per infusion by the number of infusions per dosing cycle. The change in time per month was calculated by multiplying the change in time per cycle by the number of cycles per 4-week month. Patients who received only 1 infusion were excluded from the time change per month calculation. For 1 patient, the cycle duration was recorded as 3 to 4 weeks; calculations for this patient used a cycle time of 3.5 weeks.

**Patients Initially Receiving IVIg**

Table S1 summarizes the dose regimen and the infusion times before and after the transition to Gammaplex 10% intravenous immunoglobulin (IVIg) for the 23 patients receiving IVIg before the transition.

Table S1. Dosing and Infusion Times for Patients Receiving IVIg Before the Transition to Gammaplex 10% IVIg

|  |  |  |  |
| --- | --- | --- | --- |
|  | Previous Ig Therapy | After Transition to Gammaplex 10% IVIg | Change in Infusion Time (h) |
|  |  Ig | Infusion Time (h) |  Ig  | Infusion Time (h) |
| ID | Dose/Cycle,g/kg | Infusions/Cyclea | Frequencyb | PerInfusion | PerCycle | Dose/Cycle,g/kg | Infusions/Cyclea | Frequencyb | PerInfusion | PerCycle | PerInfusion | PerCycle |
| 1 | 0.56 | 1 | Every 3-4 wk | 2:30 | 2:30 | 0.56 | 1 | Every 3-4 wk | 1:25 | 1:25 | -1:05 | -1:05 |
| 2c | 1.03  | 5 | Once | 1:53  | 9:25  | 1.05 | 5 | Once | 1:00 | 5:00 | -0:53  | -4:25 |
| 3 | 2.22 | 3 | Once | 4:15 | 12:45 | 2.29 | 3 | Once | 3:25 | 10:15 | -0:50 | -2:30 |
| 4 | 1.03 | 2 | Every 6 wk | 3:21 | 6:42 | 1.03 | 1 | Every 4 wk | 2:00 | 2:00 | -1:21 | -4:42 |
| 5 | 2.20 | 5 | Once | 2:30 | 12:30 | 2.20 | 5 | Every 4 wk | 2:15 | 11:15 | -0:15 | -1:15 |
| 6 | 2.12 | 5 | Once | 3:00 | 15:00 | 2.12 | 5 | Once | 2:30 | 12:30 | -0:30 | -2:30 |
| 7 | 1.92 | 3 | Every 6 wk | 4:45 | 14:15 | 1.92 | 3 | Every 6 wk | 4:00 | 12:00 | -0:45 | -2:15 |
| 8 | 0.53 | 1 | Every 6 wk | 4:00 | 4:00 | 0.53 | 1 | Every 6 wk | 3:15 | 3:15 | -0:45 | -0:45 |
| 9 | 0.47 | 1 | Every 2 wk | 3:00 | 3:00 | 0.47 | 1 | Every 2 wk | 2:45 | 2:45 | -0:15 | -0:15 |
| 10 | 2.09 | 5 | Once | 3:30 | 17:30 | 2.09 | 5 | Once | 3:00 | 15:00 | -0:30 | -2:30 |
| 11 | 0.93 | 2 | Every 4 wk | 3:00 | 6:00 | 0.93 | 2 | Every 4 wk | 2:45 | 5:30 | -0:15 | -0:30 |
| 12 | 1.10 | 3 | Every 4 wk | 3:00 | 9:00 | 1.10 | 3 | Every 4 wk | 2:30 | 7:30 | -0:30 | -1:30 |
| 13 | 0.53 | 1 | Every 30 d | 2:45 | 2:45 | 0.53 | 1 | Every 4 wk | 2:30 | 2:30 | -0:15 | -0:15 |
| 14 | 1.95 | 3 | Once | 3:15 | 9:45 | 1.95 | 3 | Once | 3:15 | 9:45 | 0:00 | 0:00 |
| 15 | 1.93 | 3 | Every 30 d | 2:30 | 7:30 | 1.89 | 3 | Every 30 d | 2:30 | 7:30 | 0:00 | 0:00 |
| 16 | 0.41 | 1 | Every 3 wk | 2:00 | 2:00 | 0.41 | 1 | Every 3 wk | 2:00 | 2:00 | 0:00 | 0:00 |
| 17 | 0.31 | 1 | Every 30 d | 1:30 | 1:30 | 0.31 | 1 | Every 30 d | 1:30 | 1:30 | 0:00 | 0:00 |
| 18 | 0.56 | 1 | Every 3 wk | 2:45 | 2:45 | 0.56 | 1 | Every 3 wk | 2:45 | 2:45 | 0:00 | 0:00 |
| 19 | 0.28 | 1 | Every 30 d | 1:45 | 1:45 | 0.28 | 1 | Every 30 d | 2:00 | 2:00 | 0:15 | 0:15 |
| 20 | 2.15 | 5 | Once | 2:30 | 12:30 | 2.15 | 5 | Once | 2:50 | 14:10 | 0:20 | 1:40 |
| 21 | 1.03 | 1 | Every 3 wk | 3:05 | 3:05 | 1.03 | 1 | Every 3 wk | 3:30 | 3:30 | 0:25 | 0:25 |
| 22 | 0.97 | 2 | Every 30 d | 2:00 | 4:00 | 0.97 | 2 | Every 30 d | 2:45 | 5:30 | 0:45 | 1:30 |
| 23 | 1.86 | 5 | Every 5 wk | 1:45 | 8:45 | 1.86 | 5 | Every 5 wk | 3:00 | 15:00 | 1:15 | 6:15 |

Abbreviations: g, gram; ID, identifying number; Ig, immunoglobulin; IVIg, intravenous immunoglobulin; kg, kilogram.

aCycle: The full sequence of infusions on consecutive days when the patient’s dose is divided across several days.

bFrequencies reflect data entered in patients’ medical records.

cDosing and infusion time with the prior IVIg dose for this patient was adjusted to align with this patient’s posttransition body weight of 72.57 kg and 15-g dosage administered as 0.2 g/kg over 5 d (to account for a substantial loss of body weight from 87.6 kg and prior IVIg dosage of 0.4 g/kg over 5 d).