# Supplemental Table 1. CGM and Glycemic Control Metrics During the Study by Diabetes Type and Insulin

***Modality (N=34)***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Type of Diabetes** | | | **Insulin Modality** | | |
|  | **T1D**  **(N=27)** | **T2D**  **(N=7)** | **p-value** | **Pump**  **(N=7)** | **Injections**  **(N=27)** | **p-value** |
| **HbA1c** a,b (%) *mean ± SD* |  |  |  |  |  |  |
| Baseline | 8.4 ± 1.7 | 8.1 ± 1.3 |  | 8.1 ± 2.1 | 8.4 ± 1.5 |  |
| Over 12 weeks | 7.1 ± 1.2 | 7.8 ± 1.7 |  | 6.6 ± 1.2 | 7.4 ± 1.3 |  |
| Change from Baseline | -1.3 ± 1.1 | -0.3 ± 1.3 | 0.06 | -1.6 ± 1.1 | -1.0 ± 1.2 | 0.22 |
| **Time in Range 70-180 mg/dL** (%)  *mean ± SD* |  |  |  |  |  |  |
| Baseline c | 48% ± 19% | 51% ± 14% |  | 51% ± 24% | 48% ± 17% |  |
| Over 12 weeks | 59% ± 18% | 60% ± 27% |  | 66% ± 17% | 58% ± 21% |  |
| Change from Baseline | 12% ± 16% | 9% ± 18% | 0.70 | 15% ± 15% | 10% ± 17% | 0.45 |
| **Mean Glucose** d (mg/dL) mean ± SD |  |  |  |  |  |  |
| Baselinec | 197 ± 49 | 189 ± 36 |  | 190 ± 60 | 197 ± 43 |  |
| Over 12 weeks | 169 ± 36 | 172 ± 40 |  | 156 ± 36 | 173 ± 36 |  |
| Change from Baseline | -28 ± 37 | -18 ± 24 | 0.48 | -34 ± 41 | -24 ± 33 | 0.49 |
| **Coefficient of Variation over 12 Weeks** *mean ± SD* | 36% ± 5% | 30% ± 6% | 0.004 | 35% ± 4% | 35% ± 6% | 0.91 |
| **Hypoglycemia** (%) *median (quartiles)* |  |  |  |  |  |  |
| % Time <70 mg/dL over 12 Weeks (%) | 1.4%  (0.9%, 3.4%) | 0.8%  (0.2%, 2.2%) | 0.08 | 1.9%  (0.9%, 9.1%) | 1.3%  (0.6%, 3.1%) | 0.44 |
| % Time <54 mg/dL over 12 Weeks (%) | 0.3%  (0.1%, 0.7%) | 0.1%  (0.0%, 0.5%) | 0.27 | 0.5%  (0.1%, 1.6%) | 0.2%  (0.1%, 0.6%) | 0.22 |
| **Hyperglycemia** (%) *median (quartiles)* |  |  |  |  |  |  |
| % Time >180 mg/dL over 12 Weeks (%) | 44%  (22%, 55%) | 39%  (15%, 50%) | 0.86 | 32%  (7%, 45%) | 46%  (20%, 55%) | 0.27 |
| % Time >250 mg/dL over 12 Weeks (%) | 12%  (4%, 19%) | 10%  (1%, 15%) | 0.42 | 6%  (2%, 16%) | 12%  (3%, 19%) | 0.47 |

a Excludes one participant with type 1 diabetes, using injections, who did not have an available measurement at both baseline and 12 weeks.

b SI Conversions: to convert HbA1c to the SI units of mmol/mol, multiply the HbA1c percentage value × 10.93 and subtract 23.5 from the product.

c Estimated from Beck et al (26).

d SI Conversion: to convert glucose to mmol/L, multiply the values × 0.0555.