Tandem Patient Reported Outcomes (PROs)

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##Summary Stats **Table 1: Patient Demographics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | All (n=1139) | 0 (n=730) | 1 (n=409) | P Value |
| **Age.at.time.of.6.months.survey…Data.from.our.customer.databse..CRM.** | 36.89±17.5 | 35.71±17.94 | 38.97±16.52 | 0.0021 |
| **Duration of diabetes at baseline (years)** | 18.12±14.09 | 17.29±14.08 | 19.57±14.01 | 0.0142 |
| **Diabetes.type…Data.from.our.customer.databse..CRM.** |  |  |  | 0.9364 |
| Type 1 | 1061 (94%) | 677 (94%) | 384 (94%) |  |
| Type 2 | 44 (4%) | 27 (4%) | 17 (4%) |  |
| Unknown | 23 (2%) | 15 (2%) | 8 (2%) |  |
| **What.was.your.HbA1c.value.from.your.last.HbA1c.test.** | 7.29±1.34 | 7.38±1.47 | 7.15±1.09 | 0.0039 |
| **Do.you.currently.use.a.Continuous.Glucose.Monitor..CGM..** |  |  |  | 0.1109 |
| No, I do not currently use a CGM, but I used to in the past. | 64 (6%) | 44 (6%) | 20 (5%) |  |
| No, I have never used a CGM. | 77 (7%) | 55 (8%) | 22 (5%) |  |
| Yes, I use a Dexcom CGM. | 930 (83%) | 581 (82%) | 349 (85%) |  |
| Yes, I use a Medtronic CGM. | 20 (2%) | 9 (1%) | 11 (3%) |  |
| Yes, I use the Abbott Freestyle Libre. | 27 (2%) | 20 (3%) | 7 (2%) |  |
| **For.the.past.few.months..what.has.been.your.primary.method.of.insulin.delivery….Selected.Choice** |  | NA | NA | NA |
| Animas Insulin Pump | 78 (7%) | NA | NA | NA |
| Insulet OmniPod Insulin Pump | 17 (2%) | NA | NA | NA |
| Medtronic MiniMed Insulin Pump | 173 (16%) | NA | NA | NA |
| Multiple Daily Injections (e.g., insulin pen, syringe) | 205 (18%) | NA | NA | NA |
| Other (Please Specify) | 16 (1%) | NA | NA | NA |
| Roche Accu-Chek Insulin Pump | 3 (0%) | NA | NA | NA |
| Tandem Insulin Pump | 622 (56%) | NA | NA | NA |

##Survey Data **Table 2: Missing Data**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **Number of questions completed at baseline** |  |
| 0 | 44 (4%) |
| 1 | 3 (0%) |
| 2 | 24 (2%) |
| 7 | 12 (1%) |
| 12 | 1056 (93%) |
| **Number of questions completed at 2 mo** |  |
| 0 | 661 (58%) |
| 1 | 1 (0%) |
| 7 | 1 (0%) |
| 12 | 476 (42%) |
| **Number of questions completed at 4 mo** |  |
| 0 | 546 (48%) |
| 1 | 2 (0%) |
| 2 | 5 (0%) |
| 7 | 2 (0%) |
| 12 | 584 (51%) |
| **Number of questions completed at 6 mo** |  |
| 0 | 439 (39%) |
| 12 | 700 (61%) |
| **Baseline fully completed** |  |
| 0 | 83 (7%) |
| 1 | 1056 (93%) |
| **2mo fully completed** |  |
| 0 | 663 (58%) |
| 1 | 476 (42%) |
| **4mo fully completed** |  |
| 0 | 555 (49%) |
| 1 | 584 (51%) |
| **6mo fully completed** |  |
| 0 | 439 (39%) |
| 1 | 700 (61%) |
| **Baseline and 2mo Complete** |  |
| 0 | 668 (59%) |
| 1 | 471 (41%) |
| **Baseline and 4mo Complete** |  |
| 0 | 558 (49%) |
| 1 | 581 (51%) |
| **Baseline and 2mo OR 4mo Complete** |  |
| 0 | 463 (41%) |
| 1 | 676 (59%) |
| **Baseline and 6mo Complete** |  |
| 0 | 439 (39%) |
| 1 | 700 (61%) |
| **2mo and 6mo Complete** |  |
| 0 | 730 (64%) |
| 1 | 409 (36%) |
| **4mo and 6mo Complete** |  |
| 0 | 613 (54%) |
| 1 | 526 (46%) |
| **2mo OR 4mo, and 6mo Complete** |  |
| 0 | 560 (49%) |
| 1 | 579 (51%) |
| **All time points Complete** |  |
| 0 | 730 (64%) |
| 1 | 409 (36%) |

**Table 3: Baseline Survey**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **very.satisfied.veryunsatisfied…Satisfaction** | 7 (6, 10) |
| **alot.none…Trust** | 8 (7, 10) |
| **agree.disagree…Is.easy.to.use.** | 8 (7, 10) |
| **agree.disagree…Helps.me.have.good.blood.glucose.control.** | 7 (6, 10) |
| **agree.disagree…Is.a.hassle.to.use.** | 5 (2, 9) |
| **agree.disagree…Helps.me.feel.more.in.control.of.my.diabetes.** | 8 (6, 10) |
| **agree.disagree…Is.too.complicated.** | 7 (2, 9) |
| **frequency…Have.a.bad.night.s.sleep.because.of.diabetes.** | 4 (2, 6) |
| **frequency…Wake.up.at.night.to.treat.low.blood.glucose.** | 4 (2, 6) |
| **frequency…Miss.work..school..household.chores..or.other.responsibilities.due.to.diabetes.** | 4 (1, 9) |
| **frequency…Worry.about.going.low.** | 5 (3, 8) |
| **frequency…Treat.low.blood.glucose.by.eating.snacks.** | 7 (5, 10) |

**Table 3: 2mo Survey**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **very.satisfied.veryunsatisfied…Satisfaction.1** | 10 (7, 10) |
| **alot.none…Trust.1** | 8 (7, 10) |
| **agree.disagree…Is.easy.to.use..1** | 10 (8, 10) |
| **agree.disagree…Helps.me.have.good.blood.glucose.control..1** | 8 (7, 10) |
| **agree.disagree…Is.a.hassle.to.use..1** | 9 (2, 9) |
| **agree.disagree…Helps.me.feel.more.in.control.of.my.diabetes..1** | 8 (7, 10) |
| **agree.disagree…Is.too.complicated..1** | 9 (3, 9) |
| **frequency…Have.a.bad.night.s.sleep.because.of.diabetes..1** | 2 (1, 5) |
| **frequency…Wake.up.at.night.to.treat.low.blood.glucose..1** | 2 (1, 4) |
| **frequency…Miss.work..school..household.chores..or.other.responsibilities.due.to.diabetes..1** | 9 (2, 9) |
| **frequency…Worry.about.going.low..1** | 3 (2, 6) |
| **frequency…Treat.low.blood.glucose.by.eating.snacks..1** | 4 (2, 6) |

**Table 3: 4mo Survey**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **very.satisfied.veryunsatisfied…Satisfaction.2** | 8 (7, 10) |
| **alot.none…Trust.2** | 8 (7, 9) |
| **agree.disagree…Is.easy.to.use..2** | 10 (8, 10) |
| **agree.disagree…Helps.me.have.good.blood.glucose.control..2** | 8 (7, 10) |
| **agree.disagree…Is.a.hassle.to.use..2** | 9 (2, 9) |
| **agree.disagree…Helps.me.feel.more.in.control.of.my.diabetes..2** | 8 (7, 10) |
| **agree.disagree…Is.too.complicated..2** | 9 (3, 9) |
| **frequency…Have.a.bad.night.s.sleep.because.of.diabetes..2** | 3 (2, 5) |
| **frequency…Wake.up.at.night.to.treat.low.blood.glucose..2** | 2 (1, 4) |
| **frequency…Miss.work..school..household.chores..or.other.responsibilities.due.to.diabetes..2** | 9 (2, 9) |
| **frequency…Worry.about.going.low..2** | 3 (2, 6) |
| **frequency…Treat.low.blood.glucose.by.eating.snacks..2** | 4 (2, 7) |

**Table 3: 6mo Survey**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **very.satisfied.veryunsatisfied…Satisfaction.3** | 10 (7, 10) |
| **alot.none…Trust.3** | 8 (6, 8) |
| **agree.disagree…Is.easy.to.use..3** | 9 (7, 9) |
| **agree.disagree…Helps.me.have.good.blood.glucose.control..3** | 10 (7, 10) |
| **agree.disagree…Is.a.hassle.to.use..3** | 9 (3, 9) |
| **agree.disagree…Helps.me.feel.more.in.control.of.my.diabetes..3** | 10 (7, 10) |
| **agree.disagree…Is.too.complicated..3** | 9 (3, 9) |
| **frequency…Have.a.bad.night.s.sleep.because.of.diabetes..3** | 3 (2, 5) |
| **frequency…Wake.up.at.night.to.treat.low.blood.glucose..3** | 2 (1, 4) |
| **frequency…Miss.work..school..household.chores..or.other.responsibilities.due.to.diabetes..3** | 8 (2, 8) |
| **frequency…Worry.about.going.low..3** | 3 (2, 5) |
| **frequency…Treat.low.blood.glucose.by.eating.snacks..3** | 4 (2, 7) |