Tandem Patient Reported Outcomes (PROs)

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

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| Which.of.the.options.below.do.you.identify.with….Selected.Choice |  |
| A Parent/Guardian/Caregiver of someone with Diabetes | 239 (21%) |
| Other (Please Specify) | 17 (2%) |
| Person with Diabetes | 870 (77%) |
| Age.at.time.of.6.months.survey…Data.from.our.customer.databse..CRM. | 36.89±17.5 |
| Duration of diabetes at baseline (years) | 18.12±14.09 |
| Diabetes.type…Data.from.our.customer.databse..CRM. |  |
| Type 1 | 1061 (94%) |
| Type 2 | 44 (4%) |
| Unknown | 23 (2%) |
| What.was.your.HbA1c.value.from.your.last.HbA1c.test. | 7.29±1.34 |
| Do.you.currently.use.a.Continuous.Glucose.Monitor..CGM.. |  |
| No, I do not currently use a CGM, but I used to in the past. | 64 (6%) |
| No, I have never used a CGM. | 77 (7%) |
| Yes, I use a Dexcom CGM. | 930 (83%) |
| Yes, I use a Medtronic CGM. | 20 (2%) |
| Yes, I use the Abbott Freestyle Libre. | 27 (2%) |
| For.the.past.few.months..what.has.been.your.primary.method.of.insulin.delivery….Selected.Choice |  |
| Animas Insulin Pump | 78 (7%) |
| Insulet OmniPod Insulin Pump | 17 (2%) |
| Medtronic MiniMed Insulin Pump | 173 (16%) |
| Multiple Daily Injections (e.g., insulin pen, syringe) | 205 (18%) |
| Other (Please Specify) | 16 (1%) |
| Roche Accu-Chek Insulin Pump | 3 (0%) |
| Tandem Insulin Pump | 622 (56%) |

##Survey Data **Table 2a: Opt-in data**

|  |  |
| --- | --- |
| Characteristic | All (n=1139) |
| **Would.you.like.to.participate.in.the.research.study.described.above.** |  |
| No, thank you. | 76 (7%) |
| Yes! I want to participate. | 962 (93%) |
| **How.frequently.do.you.have.the.Basal.IQ.Feature.turned.on.** | 8.94±2.76 |
| **How.frequently.do.you.have.the.Basal.IQ.Feature.turned.on..1** | 9.05±2.54 |
| **On.average..how.frequently.do.you.have.the.Basal.IQ.feature.turned.on.** | 9.16±2.4 |
| **2mo: used BIQ** |  |
| 0 | 54 (10%) |
| 1 | 512 (90%) |
| **4mo: used BIQ** |  |
| 0 | 47 (7%) |
| 1 | 594 (93%) |
| **6mo: used BIQ** |  |
| 0 | 46 (6%) |
| 1 | 700 (94%) |
| **Table 2b: 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** | 8 (6, 10) |
| **alot.none…Trust** | 9 (8, 10) |
| **agree.disagree…Is.easy.to.use.** | 9 (8, 10) |
| **agree.disagree…Helps.me.have.good.blood.glucose.control.** | 8 (7, 10) |
| **agree.disagree…Is.a.hassle.to.use.** | 2 (1, 5) |
| **agree.disagree…Helps.me.feel.more.in.control.of.my.diabetes.** | 9 (7, 10) |
| **agree.disagree…Is.too.complicated.** | 2 (1, 3) |
| **frequency…Have.a.bad.night.s.sleep.because.of.diabetes.** | 5 (3, 7) |
| **frequency…Wake.up.at.night.to.treat.low.blood.glucose.** | 5 (3, 6) |
| **frequency…Miss.work..school..household.chores..or.other.responsibilities.due.to.diabetes.** | 2 (1, 3) |
| **frequency…Worry.about.going.low.** | 6 (3, 8) |
| **frequency…Treat.low.blood.glucose.by.eating.snacks.** | 8 (6, 10) |

**Table 3: 2mo Survey**

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

**Table 3: 4mo Survey**

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

**Table 3: 6mo Survey**

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