

**School of Public Health**

Department of Epidemiology, Human Genetics

& Environmental Sciences

Link2Care Agenda

August 21, 2019

1. Study update as of 8/12/19.
2. EMA review.
3. Listed improvements to reduce phone loss.

* Protocol change to termination phones due to non compliance start date: 11/30/19.
* Total 17 phones terminated for non-compliance.
* Phone responsibilities contract (1st PT: 2153) initiated 6/24/19.
* Very first app locker installed (PT 2165) on 7/25/19.
* Total of 11 app lockers installed.
* 15 day payment initiated on 11/21/19 (1st PT 2074 on11/30/19).
* Doubled compensation for EMA completion (1st participant 2153) on 6/24/19.

L2C Study Update

N=170 Participants as of August 12, 2019.

Table 1. Demographics.

|  |  |
| --- | --- |
|  |  |
| **DEMOGRAPHICS:** | |
| **Race:** |  |
| African American | 105 |
| White | 39 |
| Asian | 1 |
| AI/AN | 3 |
| NH/PI | 1 |
| >1 | 16 |
| O/U | 5 |
| **Total:** | **170** |
| **Hispanic/Latino:** |  |
| Yes | 18 |
| No | 152 |
| **Total:** | **170** |
| **Gender**: |  |
| Female | 26 |
| Male | 140 |
| Other | 4 |
| **Total:** | **170** |
| **Age:** |  |
| Youngest | 18 |
| Oldest | 65 |
| Average | 41.5 |

Table 2. Participant screen in reported race.

|  |  |
| --- | --- |
|  | N170 (%) |
| African American | 105 / 62% |
| Caucasian / White | 39 / 23.9% |
| Asian | 1 / .6% |
| American Indian / Alaskan Native | 3 / 2% |
| Native Hawaiian / Pacific Islander | 1 / .6% |
| More than one race | 16 / 9/% |
| Other / Unknown | 5 / 3% |

Table 3. Participant reported ethnicity.

|  |  |
| --- | --- |
| Hispanic | 18 / 11% |
| Not Hipanic | 152 / 89% |

Table 4. Participant screen in reported sex.

|  |  |
| --- | --- |
|  | N170 (%) |
| Male | 140 / 82% |
| Female | 26 / 15% |
| Other | 4 / 2% |

Table 5. Demographics for screen out participants & reason.

|  |  |
| --- | --- |
|  |  |
| **DEMOGRAPHICS:** | |
| **Race:** |  |
| African American | 19 |
| White | 4 |
| Asian | 0 |
| AI/AN | 0 |
| NH/PI | 0 |
| >1 | 0 |
| O/U | 1 |
| **Total:** | 24 |
| **Hispanic/Latino:** |  |
| Yes | 2 |
| No | 23 |
| **Total:** | 25 |
| **Gender**: |  |
| Female | 1 |
| Male | 24 |
| Other | 0 |
| **Total:** | 25 |
| **Age:** |  |
| Youngest | 19 |
| Oldest | 59 |
| Average | 44.6 |
| **Reason For Screen Out:** | |
| Score >4 on REALM-SF | 22 |
| Incorrect ICF Reading | 3 |
| Score >24 on Mini-Mental State Exam | 2 |
| PT Plans to Move | 1 |
| Failure to Orient | 2 |
| Not Enrolled in Bridge Recovery Program |  |
| Other | 1 |

Table 6. Participant screen out reported race.

|  |  |
| --- | --- |
|  | N25 (%) |
| African American | 19 / 77% |
| Caucasian / White | 4 / 16% |
| Asian | 0 |
| American Indian / Alaskan Native | 0 |
| Native Hawaiian / Pacific Islander | 0 |
| More than one race | 0 |
| Other / Unknown | 1/ 4% |

Table 7. Grouping & complience for in person visits.

|  |  |
| --- | --- |
| **L2C GROUPS** |  |
| **Group:** |  |
| UCM | 54 |
| UCM+SP | 55 |
| L2C | 52 |
| Dropped | 1 |
| Pending | 0 |
| No Show V2 | 8 |
| Total: | 170 |
| **Visit Compliance** |  |
| Visit 1 | 100% |
| Visit 2 | 95% |
| Visit 3 | 72% |
| Visit 4 | 56% |
| Visit 5 | 54% |
| **Visit 1 Compliance** |  |
| Attended | 170 |
| No Show | 0 |
| **Visit 2 Compliance** |  |
| Attended | 161 |
| No Show | 9 |
| **Visit 3 Compliance** |  |
| Attended | 114 |
| No Show | 44 |
| **Visit 4 Compliance** |  |
| Attended | 74 |
| No Show | 59 |
| **Visit 5 Compliance** |  |
| Attended | 49 |
| No Show | 42 |

Table 8. Number of participants per group.

|  |  |
| --- | --- |
| UCM | 54 |
| UCM+SP | 55 |
| L2C | 52 |
| No Show for Randomization | 8 |
| Drop Out | 1 |

Table 8. Number of participants who attended visits.

|  |  |
| --- | --- |
|  | N(%) |
| Visit 1 | 170 / 100% |
| Visit 2 | 161 (8 no show). 95% |
| Visit 3 | 114 (44 no show). 72% |
| Visit 4 | 74 (59 no show). 56% |
| Visit 5 | 49 (42 no show). 54% |

Table 10. Payment card & phone loss.

|  |  |
| --- | --- |
| **CLINCARD/PHONE LOG** | |
| Total Number of Clincards Distributed | 287 |
| Total # of Participants with Clincard Replacements | 82 |
| Total # of Phones Distributed | 166 |
| Total # of Participants with Phone Replacements | 57 |

Table 11. Payment card distribution and replacement.

|  |  |
| --- | --- |
|  | N |
| Total number of cards distributed. | 287 |
| Number of cards replaced. | 82 |

* 55 Participants had cards replaced 1 time (2 total payment cards).
* 19 Participants had cards replaced 2 times (3 total payment cards).
* 8 Participants had cards replaced 3 times (4 total payment cards).

Table 12. Phone distribution and replacement.

|  |  |
| --- | --- |
| Total number of phones distributed overall. | N = 166  (n = %) |
| Total number of participants in phone groups. | 107 |
|  |  |
| Total number of participant w/ phone replacements. | 57 /107 (53% phone loss) |
| Number of participants w/ phone replaced (UCM+SP). | 25 / 55 (45% phone loss) |
| Number of participants w/ phone replacement (L2C). | 32 / 52 (62% phone loss) |

* 55 Participants had phone replaced 1 time (2 phones total).
* 1 UCM+SP participant (2010) & 1 L2C particiapant (2099) replaced phone 2 times (3 phones total). Due to phone malfunctions.

Table 13. 15 day EMA compliance for participants 2074-2164.

|  |  |
| --- | --- |
| **EMA Compliance:** | Start date: 11/30/19 |
| **Cycle 1:** | Day 1-16 (16 Days) |
| UCM+SP | 7.821428571 |
| L2C | 7.62962963 |
| Average | 7.725529101 |
| **Cycle 2:** | Day 17-31 (15 Days) |
| UCM+SP | 7.44 |
| L2C | 7.461538462 |
| Average | 7.450769231 |
| **Cycle 3:** | Day 32 - 46 (15 Days) |
| UCM+SP | 6.75 |
| L2C | 7.217391304 |
| Average | 6.983695652 |
| **Cycle 4:** | Day 47 - 61 (15 Days) |
| UCM+SP | 5.5 |
| L2C | 6.318181818 |
| Average | 5.909090909 |
| **Cycle 5:** | Day 62 - 76 (15 Days) |
| UCM+SP | 5.619047619 |
| L2C | 5.571428571 |
| Average | 5.595238095 |
| **Cycle 6:** | Day 77 - 91 (15 Days) |
| UCM+SP | 5.8 |
| L2C | 6 |
| Average | 5.9 |
| **Cycle 7:** | Day 92 - 106 (15 Days) |
| UCM+SP | 5.444444444 |
| L2C | 5.352941176 |
| Average | 5.39869281 |
| **Cycle 8:** | Day 107 - 121 (15 Days) |
| UCM+SP | 5.6 |
| L2C | 4.4 |
| Average | 5 |
| **Cycle 9:** | Day 122 - 136 (15 Days) |
| UCM+SP | 5 |
| L2C | 3.615384615 |
| Average | 4.307692308 |
| **Cycle 10:** | Day 137 - 151 (15 Days) |
| UCM+SP | 6.2 |
| L2C | 3.181818182 |
| Average | 4.690909091 |
| **Cycle 11:** | Day 152 - 166 (15 Days) |
| UCM+SP | 6.125 |
| L2C | 5.5 |
| Average | 5.8125 |
| **Cycle 12:** | Day 167 - 182 (16 Days) |
| UCM+SP | 5.142857143 |
| L2C | 6.166666667 |
| Average | 5.654761905 |
| OVERALL | 5.869073259 |

Table14. EMA total average completion over 15 Days.

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| 2001-2073 | 3.361 | 22.40% |  |
| 2074-2164 | 5.869 | 39.13% |  |