Appendix B: Demographic Questionnaire

Demographic Questionnaire – MCT Stakeholders (Site investigators)

PIN: _________________________
Date: ________________________
Interviewer: _________________________________

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| 1.  | What is your specialty?                                                  |  ▫ Allergy and asthma  
  ▫ Cardiology  
  ▫ Dermatology  
  ▫ Endocrinology  
  ▫ Gastroenterology  
  ▫ General internal medicine  
  ▫ General surgery  
  ▫ Hematology  
  ▫ Immunology  
  ▫ Infectious disease  
  ▫ Nephrology  
  ▫ Neurology  
  ▫ Obstetrics/gynecology  
  ▫ Oncology  
  ▫ Ophthalmology  
  ▫ Orthopedics  
  ▫ Otorhinolaryngology  
  ▫ Pediatrician  
  ▫ Primary care provider  
  ▫ Psychiatry  
  ▫ Pulmonary  
  ▫ Rheumatology  
  ▫ Urology  
  ▫ Other (please specify): ______________ |
<p>| 2.  | How many years have you been a _________ [enter name of specialty]?  | _________ |</p>
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| 3.  | Which best describes the type of organization with which you are currently affiliated? **[Read aloud categories]** | ☐ Academic institution or academic health system with research and education opportunities  
☐ Community-based out-patient clinic or private practice with primary clinical responsibilities  
☐ Community-based hospital with no affiliated academic institution  
☐ Dedicated research site with no affiliated clinical practice responsibility  
☐ Other (please specify): ______________________ |

Select only one

| 4.  | How many days a week do you treat patients? | _______ |

For the remaining questions, I’d like to know your experience as a PI in mobile versus traditional clinical research.

When we refer to mobile clinical research, we mean clinical research that uses telemedicine in some way, or uses mobile devices such as smart phone apps, activity monitors, and other mobile medical devices to collect data. The clinical research can be observational or interventional. Our definition does not include the use of mobile devices when used only for recruitment or informed consent purposes. We are only interested in the use of devices to collect data.

When we talk about traditional clinical research, we are referring to clinical research that use conventional, often clinic-based data collection tools and techniques.

| 5.  | How many years have you participated in traditional clinical research? Again, by “traditional”, I mean research studies that do not use mobile devices, such as smart phone apps or activity monitors, to collect data. | _______ |

| 6.  | Approximately how many traditional clinical research studies have you participated in? | _______ |

| 7.  | Which types of traditional clinical research have you participated in? **[Read aloud responses]** Select all that apply | ☐ Interventional drug, biologic, or medical devices trials for registrational purposes (typically Phase III)  
☐ Interventional drug, biologic, or medical devices trials **NOT** for registrational purposes (typically Phase III)  
☐ Proof of concept or dose-ranging trials (typically Phase Ia/b)  
☐ Safety trials (typically Phase I)  
☐ Observational studies  
☐ Other (please specify): ______________ |

Select all that apply
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| 8.  | What role did you serve during these traditional clinical studies?  
Select all that apply                                                                                                                                                                                                                                                                                                                            | □ PI  
□ Co-PI  
□ Sub-PI  
□ Other (please specify): ______________ |
| 9.  | Now I will ask you about mobile clinical research. How many years have you participated in mobile clinical research that used mobile devices to collect data? As mentioned earlier, by mobile clinical research, I mean that mobile devices, such as smartphone apps and activity monitors are used to collect data.  
Note: Do not include research studies that only used mobile devices for recruitment or informed consent purposes.                                                                                                                                                                                                                       | ______ |
| 10. | Which types of mobile clinical research have you participated in?  
[Read aloud responses]  
Select all that apply                                                                                                                                                                                                                                                                                                                  | □ Interventional drug, biologic, or medical devices trials for registrational purposes (typically Phase III)  
□ Interventional drug, biologic, or medical devices trials NOT for registrational purposes (typically Phase III)  
□ Proof of concept or dose-ranging trials (typically Phase IIa/b)  
□ Safety trials (typically Phase I)  
□ Observational studies  
□ Device feasibility and/or acceptability studies  
□ Device validation studies  
□ Other (please specify): ______________ |
| 11. | Approximately how many clinical research studies of any kind have you participated in that used mobile devices to collect data?                                                                                                                                                                                                                                                                | ______ |
INVESTIGATOR

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<td>12.</td>
<td>What role did you serve during these mobile clinical studies?</td>
<td>❑ PI</td>
</tr>
<tr>
<td></td>
<td>Select all that apply</td>
<td>❑ Co-PI</td>
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<td>❑ Sub-PI</td>
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<td>❑ Other (please specify): ______________</td>
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Thank you. That concludes all my demographic questions. Now let’s move on to the interview.