

# **Attachment 12c**

## **Blood Pressure Methodology Phase 2**

Form Approved OMB No. 0920-0950 Exp. Date xx/xx/20xx

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### **Blood Pressure Methodology Phase 2**

Eligibility: All NHANES participants ages 8 and older who participate in the mobile examination center (MEC) blood pressure measurements component are eligible. The maximum number of respondents would be 2,500.

Informed Consent: We will obtain written informed consent as part of the regular NHANES consent process for the examination in the MEC.

Exclusion Criteria: There are no exclusion criteria except those already in place for the regular NHANES Blood Pressure MEC component.

Data Collection: There is no intention of replacing the current NHANES physician obtained BP components. All NHANES 2018 participants aged 8 years and older will be eligible to participate in the study.

This phase of the study will require the following randomization schema: the individual survey participant will randomly be assigned to have their BP taken by the mercury device first or the Omron device first. That is all eligible survey participants will have their BP taken twice once by mercury and once by Omron. The BP obtained by mercury will be done by the physician according to NHANES protocol and will be the “official BP reading” whereas the BP obtained by Omron will be done by trained technicians and will follow the Omron protocol including double keying the results. The two BP determinations will not be taken sequentially but will follow the MEC components flow. For example, an individual may be assigned first to have their BP taken with Omron by the health technicians and half an hour later with mercury obtained by the physicians.

Report of Findings: Findings from the blood pressure methodology study will not be reported to participants. Participants will receive blood pressure results from their regular NHANES blood pressure measurements.