INSTRUCTIONS FOR THE AMBULATORY BLOOD PRESSURE MONITOR INITIALIZATION FORM

I. General Instructions

This form is completed for all participants who agree to take part in the Ambulatory Blood Pressure Monitor (ABPM) ancillary study. The first blood pressure measurement should be taken while in the clinic and can be recorded from the ABPM device onto the paper form and then transcribed into CDART, or recorded directly into the CDART form.

II. Detailed Instructions for Each Item

0a. Enter the date on which the participant was seen in the clinic.

0b. Enter the staff ID of the person who completed ABP device initialization and placed the device on the participant.

0c. Record whether the participant is interested in participating in the ABPM ancillary study. If the participant is not interested in the ABPM study, select No and do not open or complete the other forms for the ABPM ancillary. It is not necessary to mark those forms as Permanently Missing. Continue with item 0c1. If they are interested in participating, select Yes and skip to item 1.

0c1. If the participant indicates that they are not interested in participating in the ABPM ancillary study, record the reason why not. Save and close the form.

A. Visit Details

1. Record the arm being used for blood pressure monitoring.

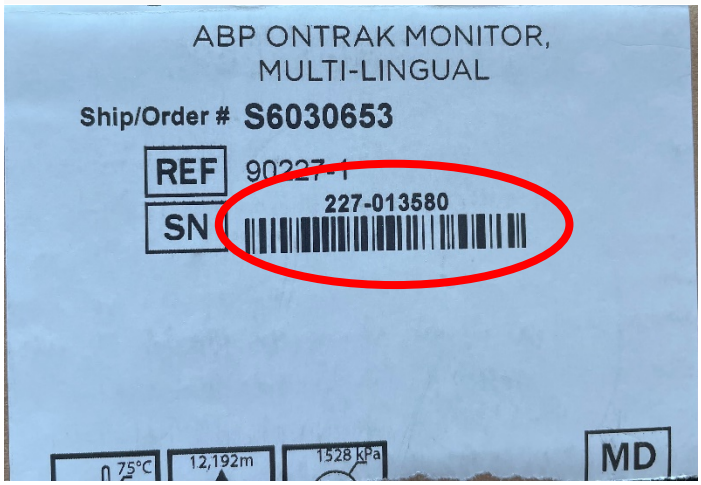
2. Record what the participant's dominant arm is.

3. Record the cuff size you will use for the ABPM measurements. You may refer to the SBP form to confirm the participant's arm circumference.

Cuff Size	Arm Circumference
Small adult	17 – 26 cm
Standard adult	24 -32 cm
Large adult	32 – 42 cm
X Large adult	38 – 50 cm

4. Record the device serial number. The 9-digit ABPM device serial number can be found on the box and on the back of the device. Scan the QR code or the barcode directly into CDART in order to avoid transcription error. The format of the serial number is XXX-XXXXXX (3 digits dash 6 digits)

4. Device serial number: 227-013580



This serial number and barcode on the box matches the serial number and barcode on the back of the ABPM device. The format is 3 digits dash 6 digits (XXX-XXXXXX).

Pause Questionnaire to Set Up and Place ABPM Device

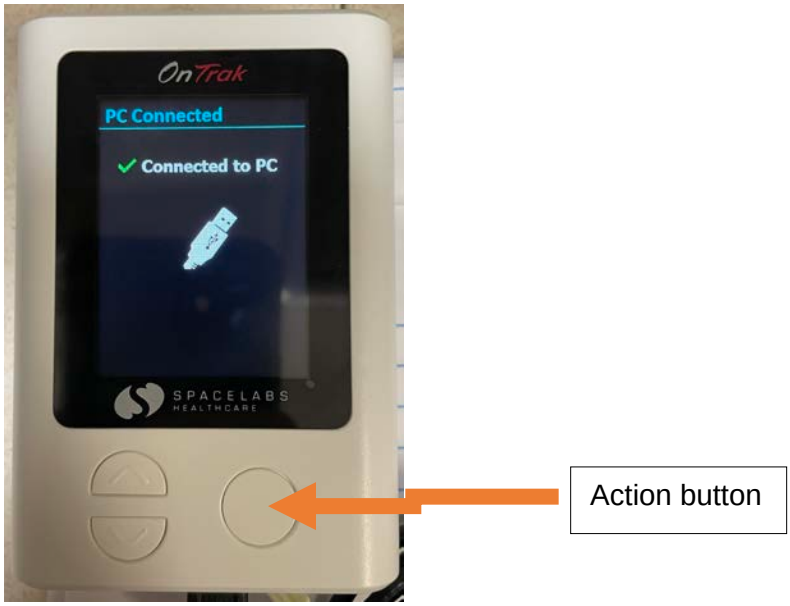
ABPM Device Initialization Information

Follow these instructions for correct set-up of the ABPM device. The ARIC ABPM protocol should already be programmed. See Appendix A in Manual 38 for further information.

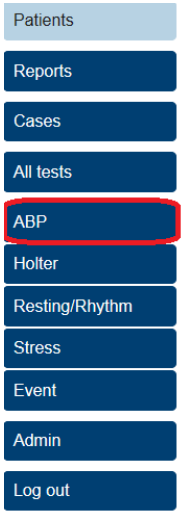
We are using the 90227 OnTrak ABP recorder for these instructions.
Place 2 fresh AA batteries in the recorder (optional: one piece of yarn tied around a battery to aid removal).

The back cover can be secured over the piece of yarn.

Connect one end of the USB interface cable to the computer, the other end to the 90227 OnTrak ABP recorder, and turn the recorder on (press the white circular button, called the action button, on the device). The recorder display will show a self-test, then *connected to host,* then *Connected to PC.*

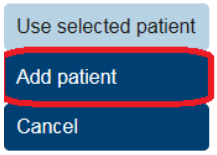


Log into Sentinel, and click on *ABP.*

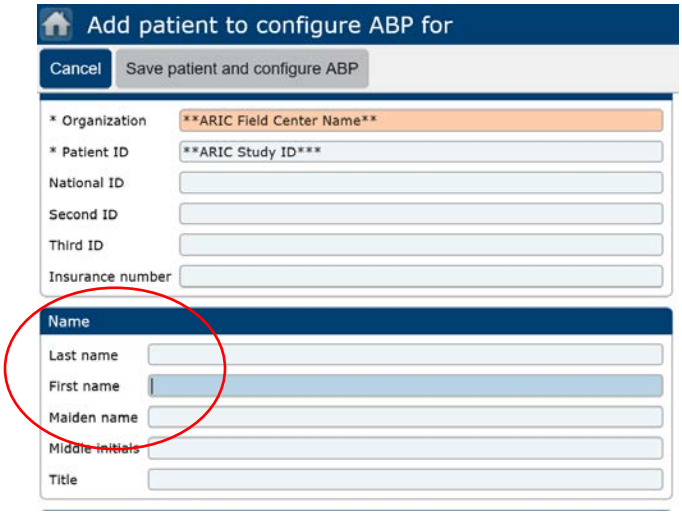


Click on *Configure recorder for patient.*

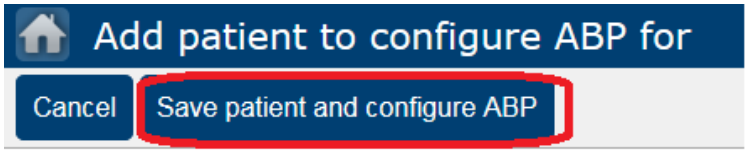
Click on *Add patient.*



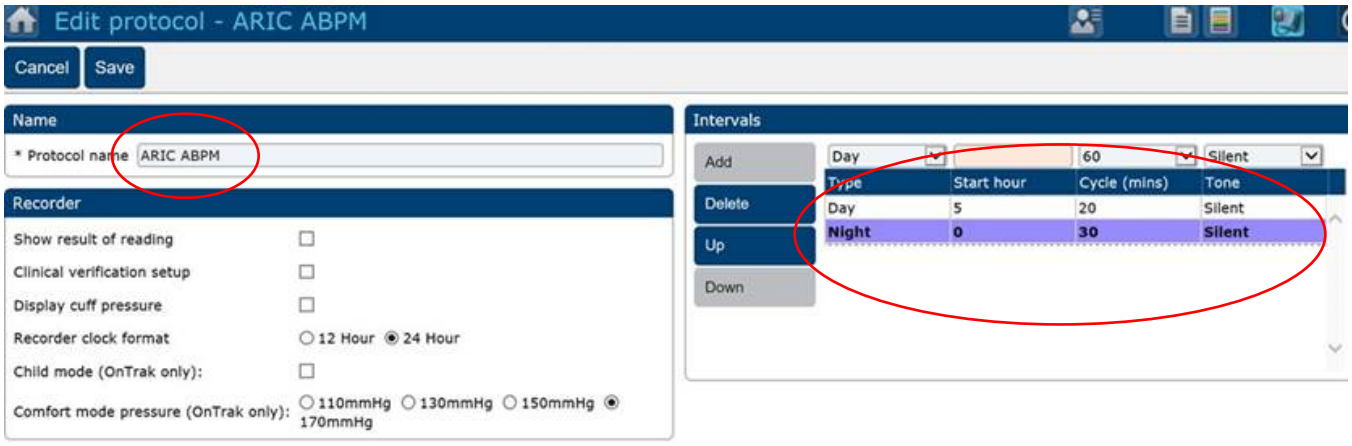
Either scan the ID barcode or copy and paste the ARIC cohort ID into the Patient ID field. If you want the participant's name to appear on the graphical results, you will need to key in the participant's first and last name into the respective fields.



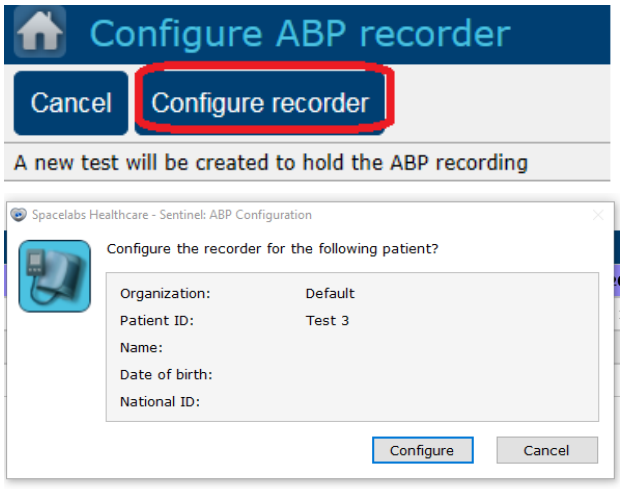
Click on *Save patient and configure ABP.*



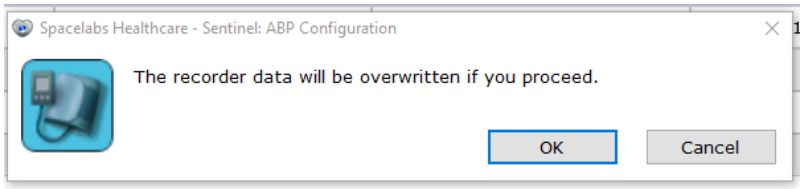
On the next page, confirm that the default *Intervals* are correct (these should be pre-programmed in the "ARIC ABPM" protocol):



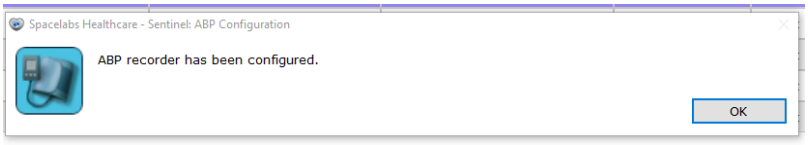
Click on *Configure recorder.*



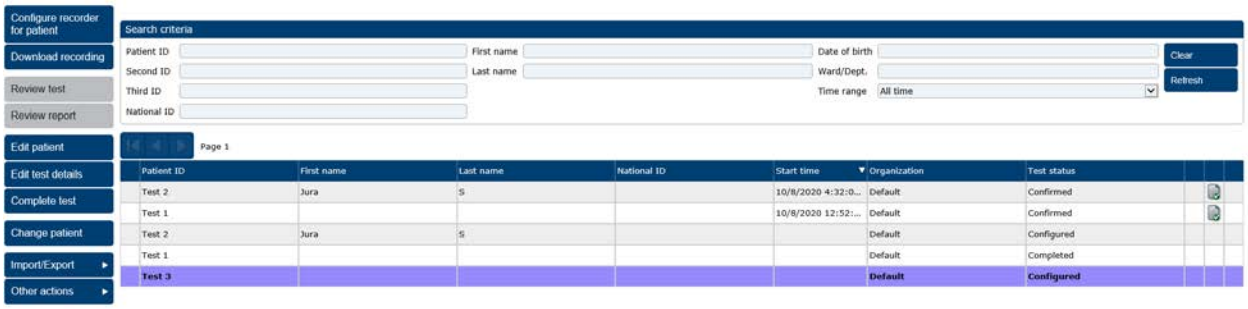
If the recorder has information from a previously downloaded participant, the following window will appear. Click on OK to erase device.



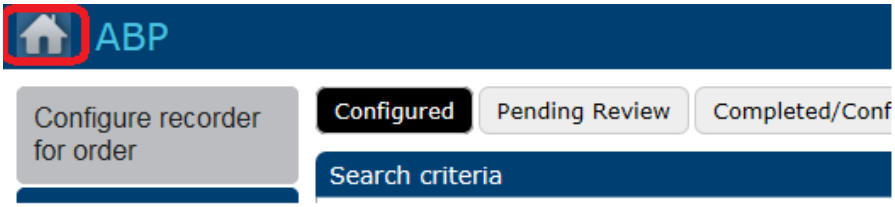
Click *OK*.



When complete, your new participant will be displayed in list with the “Test Status” reading “Configured”.

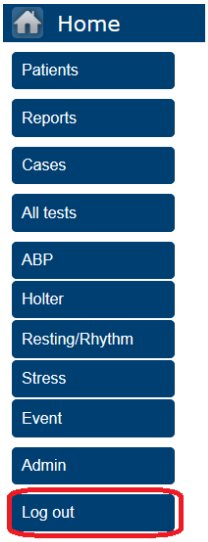


Click on the Home button.



Place cuff on participant. See Section 1.2.3 in Manual 38 for detailed instructions on ABPM cuff placement.

Click on *Log out.*

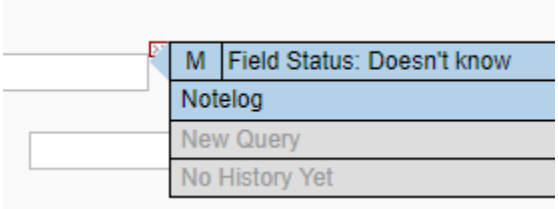


Disconnect the ABP monitor from the computer. Check position of cuff (should be over bare skin over brachial artery on upper arm) and then connect the device to the cuff via tubing.

Continue with Questionnaire

5. Record the time the ABPM device was placed.

6. Record if the participant took blood pressure medication today. If the participant does not know if they took their blood pressure medication today, please set the field status for this question as "Doesn't know". To select a field status in CDART, click the small double arrows in the top right of the question response field.



   6a. If the participant took blood pressure medication today, record the time they took their last blood pressure medication.

7. Record if the participant is planning on driving themselves home after the visit.

   7a-7a2. Record how many hours and minutes it typically takes the participant to travel home. Note: record this time even if the participant is not the one physically driving (e.g., they are a passenger in the car or are using any other mode of transportation).

8. Record the participant's plan to return their device. Select whether they plan to use ARIC Staff home visit/pick-up, FedEx/mail pick-up, or participant drop-off at field center.

   8a. Record the scheduled device return date.

B. Clinic Assessment

9. Pre-assessment anticipated sleep and wake times. If the participant has a healthcare proxy or Legally Authorized Representative (LAR), they may assist with providing this information.

   8a. Record what time the patient anticipates going to sleep tonight.

   8b. Record what time the patient anticipates waking up tomorrow.

10. Visit Measurement: *the in-clinic blood pressure measurement should occur within 20 minutes of device set-up.*

    9a. Record the time of the assessment.

    9b. Record systolic blood pressure.

    9c. Record diastolic blood pressure

    9d. Record heart rate.