

# 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.

Oc. 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 <u>not</u> 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.

Arm Circumference
17 – 26 cm
24 -32 cm
32 – 42 cm
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
MUI Ship/Order # S603 REF 9022	227-013580
SN	
n 75°C 12,192m	1528 kPa

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).

Image: State of the state

# 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).

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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.

Patients
Reports
Cases
All tests
ABP
Holter
Resting/Rhythm
Stress
Event
Admin
Log out

#### Click on Configure recorder for patient.

Configure recorder for order
Configure recorder for patient
Download recording
Review test
Review report
Edit patient
Edit test details
Complete test
Change patient
Change case
Change order
Import/Export
Other actions

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.

Cancel Save	patient and configure ABP	
* Organization	**ARIC Field Center Name**	
* Patient ID	**ARIC Study ID***	
National ID		
Second ID		
Third ID		
Insurance numbe	r	
Vame	$\mathbf{i}$	
.ast name		
First name		
Maiden name 📃		
Middle initials		
Title		-

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):

🚹 Edit protocol - ARIC ABPM			2				
Cancel Save							
Name		Intervals					
* Protocol name ARIC ABPM		Add	Day	2	60	Silent	~
			Type	Start hour	Cycle (mins	i) Tone	
Recorder		Delete	Day	5	20	Silent	
Show result of reading		Up	Night	0	30	Silent	
Clinical verification setup		Down					
Display cuff pressure		Down					-
Recorder clock format	○ 12 Hour						~
Child mode (OnTrak only):							
Comfort mode pressure (OnTrak only):	○ 110mmHg ○ 130mmHg ○ 150mmHg ● 170mmHg						

# 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".

Configure recorder for patient	Search criteria							
Download recording	Patient ID		First name		Date of bin	th		Glear
	Second ID		Last name		Ward/Dept	4 (C		Retresh
Review test	Third ID				Time range	a All time		
Review report	National ID							
	Concession of the local division of the loca							
dit patient	Page 1							
	Page 1 Patient ID	First name	Last name	National ID	Start time	Organization	Test status	
dit test details		First name Jura	Last name S	National ID	Start time •		Test status Confirmed	
dit test details	Patient ID		Last name S	National TD	10/8/2020 4:32:0			
dit test details Complete test	Patient ID Test 2		Last name S	National ID	10/8/2020 4:32:0	Default	Confirmed	
Edit patient Edit test details Complete test Change patient mport/Export	Patient ID Test 2 Test 1	Jura	Last name S S	National ID	10/8/2020 4:32:0	Default Default	Confirmed	

Click on the Home button.

АВР			
Configure recorder	Configured	Pending Review	Completed/Conf
for order	Search criter	ria	

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

Click on Log out.

🚹 Home
Patients
Reports
Cases
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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.

 М	Field Status: Doesn't know
Not	elog
Nev	v Query
No	History Yet

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.