



American Heart Association.

# BLOOD PRESSURE MEASUREMENT INSTRUCTIONS

DON'T SMOKE, EXERCISE, DRINK CAFFEINATED BEVERAGES OR ALCOHOL WITHIN 30 MINUTES OF MEASUREMENT.

TAKE AT LEAST TWO READINGS 1 MIN. APART IN MORNING BEFORE TAKING MEDICATIONS, AND IN EVENING BEFORE DINNER. RECORD ALL RESULTS.

REST IN A CHAIR FOR AT LEAST 5 MINUTES WITH YOUR LEFT ARM RESTING COMFORTABLY ON A FLAT SURFACE AT HEART LEVEL. SIT CALMLY AND DON'T TALK.

USE PROPERLY CALIBRATED AND VALIDATED INSTRUMENT. CHECK THE CUFF SIZE AND FIT.

MAKE SURE YOU'RE RELAXED. SIT STILL IN A CHAIR WITH YOUR FEET FLAT ON THE FLOOR WITH YOUR BACK STRAIGHT AND SUPPORTED.

PLACE THE BOTTOM OF THE CUFF ABOVE THE BEND OF THE ELBOW.

## American Heart Association recommended blood pressure levels

BLOOD PRESSURE CATEGORY	SYSTOLIC mm Hg (upper number)		DIASTOLIC mm Hg (lower number)
NORMAL	LESS THAN 120	and	LESS THAN 80
ELEVATED	120-129	and	LESS THAN 80
HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 1	130-139	or	80-89
HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 2	140 OR HIGHER	or	90 OR HIGHER
HYPERTENSIVE CRISIS (consult your doctor immediately)	HIGHER THAN 180	and/or	HIGHER THAN 120



\*Wait a few minutes and take blood pressure again. If it's still high, contact your doctor immediately.

LEARN MORE AT [HEART.ORG/HBP](http://HEART.ORG/HBP)





bicep (upper-arm) monitor.

- Wrist and finger monitors are not recommended because they yield less reliable readings.
- Choose a monitor that has been validated. If you are unsure, ask your doctor or pharmacist for advice.
- When selecting a blood pressure monitor for a senior, pregnant woman or child, make sure it is validated for these conditions.
- Make sure the cuff fits — measure around your upper arm and choose a monitor that comes with the correct size cuff.

## Once you've purchased your monitor, bring it to your next appointment

Have your doctor check to see that you are using it correctly and getting the same results as the equipment in the office. Plan to bring your monitor in once a year to make sure the readings are accurate.

## Home blood pressure monitoring may be especially useful for:

- Anyone diagnosed with high blood pressure (HBP or hypertension).
- Individuals starting high blood pressure treatment to determine its effectiveness.
- People requiring closer monitoring, especially individuals with risk factors for high blood pressure and/or conditions related to high blood pressure.
- Pregnant women, experiencing pregnancy-induced hypertension and/or preeclampsia.
- Evaluating potentially false readings, like:
  - People who only have high readings at the doctor's office ("white coat" hypertension).
  - People who only have high readings at home but not at the doctor's office ("masked" hypertension).
- NOTE: People with atrial fibrillation or other arrhythmias may not be good candidates for home monitoring because electronic home blood pressure devices may not be able to give accurate measurements. Ask your doctor to recommend a monitoring method that works for you.

## Left-arm vs. right-arm blood pressure

Several studies have been done to determine what is a normal variation between right and left arm. In general, any difference of 10 mm Hg or less is considered normal and is not a cause for concern.

# Why keep a blood pressure journal?

One blood pressure measurement is like a snapshot. It only tells what your blood pressure is at that moment. A record of readings taken over time provides a "time-lapse" picture of your blood pressure that can help you partner with your physician to ensure that your treatments to lower high blood pressure (HBP or hypertension) are working.

## Take the first step

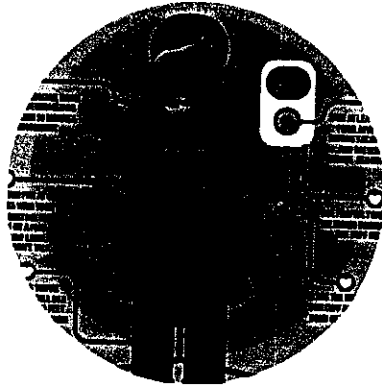
Knowing your blood pressure numbers is key to a longer, healthier life.

Sign Up for Our Tracker Today >



Last reviewed: Nov 30, 2017

# Monitoring Your Blood Pressure at Home



## How to use a home blood pressure monitor.

- **Be still.** Don't smoke, drink caffeinated beverages or exercise within 30 minutes before measuring your blood pressure. Empty your bladder and ensure at least 5 minutes of quiet rest before measurements.
- **Sit correctly.** Sit with your back straight and supported (on a dining chair, rather than a sofa). Your feet should be flat on the floor and your legs should not be crossed. Your arm should be supported on a flat surface (such as a table) with the upper arm at heart level. Make sure the bottom of the cuff is placed directly above the bend of the elbow. Check your monitor's instructions for an illustration or have your healthcare provider show you how.
- **Measure at the same time every day.** It's important to take the readings at the same time each day, such as morning and evening. It is best to take the readings daily however ideally beginning 2 weeks after a change in treatment and during the week before your next appointment.
- **Take multiple readings and record the results.** Each time you measure, take two or three readings one minute apart and record the results using a [printable \(PDF\)](#) or [online tracker](#). If your monitor has built-in memory to store your readings, take it with you to your appointments. Some monitors may also allow you to upload your readings to a secure website after you register your profile.
- **Don't take the measurement over clothes.**

[Download a PDF sheet that shows you how to measure your blood pressure properly.](#) Also available in [Spanish](#), [Chinese](#) and [text only](#).

## Know your numbers.

[Learn what the numbers in your blood pressure reading mean.](#)

BLOOD PRESSURE CATEGORY	SYSTOLIC mm Hg (upper number)		DIASTOLIC mm Hg (lower number)
<b>NORMAL</b>	<b>LESS THAN 120</b>	<b>and</b>	<b>LESS THAN 80</b>
<b>ELEVATED</b>	<b>120 – 129</b>	<b>and</b>	<b>LESS THAN 80</b>
<b>HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 1</b>	<b>130 – 139</b>	<b>or</b>	<b>80 – 89</b>
<b>HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 2</b>	<b>140 OR HIGHER</b>	<b>or</b>	<b>90 OR HIGHER</b>
<b>HYPERTENSIVE CRISIS (consult your doctor immediately)</b>	<b>HIGHER THAN 180</b>	<b>and/or</b>	<b>HIGHER THAN 120</b>

Note: A diagnosis of high blood pressure must be confirmed with a medical professional. A doctor should also evaluate any unusually low blood pressure readings.

Download this chart: [English Jpeg](#) | [English PDF](#) | [Spanish Jpeg](#) | [Spanish PDF](#) | [Traditional Chinese Jpeg](#) | [Traditional Chinese \(PDF\)](#).

## If you get a high blood pressure reading

- A single high reading is not an immediate cause for alarm. If you get a reading that is slightly or moderately higher than normal, take your blood pressure a few more times and consult your healthcare professional to verify if there's a health concern or whether there may be any issues with your monitor.
- If your blood pressure readings suddenly exceed 180/120 mm Hg, wait five minutes and test again. If your readings are still unusually high, contact your doctor immediately. You could be experiencing a hypertensive crisis.
- If your blood pressure is higher than 180/120 mm Hg and you are experiencing signs of possible organ damage such as chest pain, shortness of breath, back pain, numbness/weakness, change in vision, difficulty speaking, do not wait to see if your pressure comes down on its own. Call 9-1-1.

## AHA Recommendation

The American Heart Association recommends home monitoring for all people with high blood pressure to help the healthcare provider determine whether treatments are working. Home monitoring (self-measured blood pressure) is not a substitute for regular visits to your physician. If you have been prescribed medication to lower your blood pressure, don't stop taking your medication without consulting your doctor, even if your blood pressure readings are in the normal range during home monitoring.

## Choosing a home blood pressure monitor