

YOUR HEART DEPENDS ON IT



Afrien-Ameriesn men are at high risk for heart disease and stroke High lood pressure and higho chlosesterol lasd to theart disesse, stroke and other serious or life-threatening illnesses. Hion blood pressur can inefiere with sexral functioning. You won't know if you have high blood pressure or high cholesterol unless you have them
 If you find out that you have high blood pressure, high cholesterol or both, you are in control. YOU Can change the picture and lead a healthy life.

Ifvou dont have high blood pressure or high cholesterol now. vou should sidill take steps to prevent geting them in the muture since your risk is high.

## I WILL BE IN CONTROL.

Check each item that you want to commit to:

- Have my blood pressure checked regularly.
- Have my cholesterol levels checked as recommended by my doctor.
- Make a list of physical activities that I like.
- Talk to my doctor about a realistic plan for getting physical activity.
- If I'm overweight, talk to my doctor about setting a weight goal and a realistic plan to lose weight.
- Learn to read food labels so I can choose food with less fat and salt in them.
- Eat five or more servings of fruits and vegetables.
- Keep my loved ones informed of my goals and progress.
n Take the salt shaker off the dinner table.
- Skip salt-based seasonings like garlic salt while cooking.
- Drink no more than 2 alcoholic drinks each day.
- Ask my family and friends for support.
- If I smoke, learn about programs to quit.
- If I smoke, take the necessary steps to quit.
- If I smoke, ask family and friends for support
- If I smoke, I will keep trying until I quit for good.


## | will have my blood pressure and cholesterol checked and follow my doctor's orders to treat or prevent high blood pressure and high cholesterol. $_{\text {pren }}$



CARDIOVASCULAR DISEASE RISK FACTORS YOU CAN CONTROL:

- High blood pressure
[ Lack of physical activity
- High cholesterol
- Unhealthy diet
- High triglyceride levels
- Diabetes and prediabetes
- Overweight and obesity
- Smoking
- Excessive alcohol consumption (more than 2 standard drinks; a standard drink is 12 oz . beer, 4 oz . of wine, 1.5 oz . of 80 -proof spirits or 1 oz . of 100 -proof spirits)
- Stress


## I had a stroke and woke

 up in the hospital. They told meI had high blood pressure. - Robert, 43

## CHECK IT. CHANGE IT. CONTROL IT.

## African-American men are at high risk for cardiovascular disease -

 diseases of the heart and blood vessels (like arteries and veins). Cardiovascular disease can lead to heart attacks and stroke.Heart disease is a leading cause of death among African-American men; nationally, African-American men have a higher risk of dying from stroke before age 65 compared to other groups.

- In Ohio, African-American men are 53 percent more likely to die from stroke than any other group.
- African-American stroke survivors are more likely to become disabled and have difficulties with activities of daily living.

High blood pressure and high cholesterol are major risk factors for cardiovascular disease.

- African Americans have the highest rate of high blood pressure of all groups and tend to develop it at a younger age, even in their teens.
- Nearly 45 percent of African-American men have borderline-to-high cholesterol.


## CHECK IT.

Cardiovascular disease happens over many years. It can be a silent killer, because the high blood pressure and high cholesterol that are primary risk factors don't have symptoms. Don't ignore how high blood pressure and high cholesterol may be damaging your health. Instead, CHECK IT.

## High Blood Pressure

High blood pressure is a condition where the force of the blood against your artery walls is high enough that it may cause serious health problems. For yourself and your loved ones, be safe: visit your doctor to find out your blood pressure numbers - even if you feel fine.

Two numbers make up a blood pressure measurement, for example, 149/96 (149 over 96). A simple blood pressure check will tell you whether you have normal blood pressure, pre-hypertension or high blood pressure.

| Normal Blood Pressure | Less than 120 over less than 80 |
| :--- | :--- |
| Pre-hypertension | 120 to 139 over 80 to 89 |
| High Blood Pressure | 140 or higher over 90 or higher |

## High Cholesterol

Cholesterol is a waxy, fat-like substance in your blood. Too much cholesterol can build up in the walls of your arteries and cause damage over time: arteries narrow and blood flow to the heart slows down or becomes blocked. Eventually, this causes heart disease and can lead to a heart attack.

Like high blood pressure, high cholesterol itself does not cause symptoms. If you don't have your cholesterol levels checked, you won't know if it is harming your health.

See your doctor to get a simple blood test that measures cholesterol.

## Hypertension is another name for high blood pressure.



## RISK FACTORS

Risk factor = A condition that increases your chance of getting a disease.

High blood pressure
is a risk factor for:
. Stroke

- Heart disease
- Kidney disease
- Blindness
- Dementia

High cholesterol
is a risk factor for:

- Heart disease
- Metabolic syndrome (a condition that increases your chance of getting Type 2 diabetes)
- Hardening of the arteries (atherosclerosis)


## CHANGE IT.

If you have high blood pressure, high cholesterol or both, partner with your doctor to improve your numbers. If your numbers are normal, adopting or maintaining a healthy lifestyle can prevent you from developing them in the future. Either way, ask your family for their support.

## Adopt a Healthy Lifestyle

Enjoying a healthy lifestyle is the best way to prevent getting high blood pressure and high cholesterol. And if you already have one of these conditions, doing things that are healthier for you is just as important as taking medication your doctor may have prescribed.

## Here's What You Need to Do:

- Eat Healthy: More fresh or frozen fruits and vegetables; less salt, sweets and fat; smaller portions
- Be Active: 30 minutes of physical activity most days of the week
- Don't Smoke: Check out successful programs to kick the habit for good; if you don't smoke, don't start
- Drink Less or No Alcohol: No more than 2 drinks per day

Check out the tip sheets in your CHECK IT. CHANGE IT. CONTROL IT. toolkit for more details about how to change your lifestyle.


## CONTROL IT.

Make a Long-term Commitment to Better Health High blood pressure and high cholesterol can lead to heart disease and other serious or life-threatening illnesses. You won't know you have them unless you have them measured. If you do find out that you have high blood pressure, high cholesterol or both - you can change your numbers for the better and stay on the healthy path that will help you control your blood pressure and cholesterol levels for life.

Enlist the help of your loved ones. And, pass on what you learn to the African American men among your family and friends.

## QUESTIONS TO ASK YOUR DOCTOR ABOUT HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL

Going to your doctor with a list of questions will help you get the most from your visit. Write down the answers or take someone with you who can take notes while you talk with your doctor.

- What are my blood pressure numbers?
- What should my blood pressure be?
- What are my blood cholesterol numbers?
- What should they be?
$\qquad$
- How can I change my eating habits to help lower my blood pressure and cholesterol?
$\qquad$
- What would be a healthy weight for me?
$\qquad$
- What kind of physical activity do you recommend for me?
- What else can I do to take control?


## HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL ARE MAJOR RISK FACTORS FOR HEART DISEASE AND STROKE. PLEASE ANSWER THE QUESTIONS BELOW SO YOUR DOCTOR CAN EXPLAIN YOUR INDIVIDUAL RISK.

What is your weight? $\qquad$

What is your height? $\qquad$

What is your age? $\qquad$

Do you eat a lot of salty foods, such as canned soup and vegetables, frozen meals and fast food?
$\square$ Yes $\square$ No

Do you consume foods high in saturated fat (such as red meats, whole fat cheeses, milk and ice cream, fried foods, pie, cookies, etc.)?$\square$ Yes $\square$ No

Are you physically active for at least 30 minutes, three times a week?
$\square$ Yes $\square$ No

Do you drink beer, wine, or liquor on a daily basis?Yes $\square$ No

Have you consumed four or more alcoholic beverages in a single occasion?Yes $\square$ No

Do you experience high levels of stress on a daily basis?
$\square$ Yes $\square$ No

Do you smoke cigarettes or cigars?$\square$ Yes $\square$ No

Has any member of your immediate family (children, parents, brother or sister) been diagnosed with high blood pressure?
$\square$ Yes

Have you had your blood pressure checked in the last 12 months?YesNo

Do you know your blood pressure?YesNo

Has any member of your immediate family been diagnosed with high blood pressure?
$\square$ Yes No

Have you had your cholesterol levels checked in the past 5 years?
$\square$ Yes $\square$ No

Do you know your current cholesterol level?
$\square$ Yes $\square$ No

Has any member of your immediate family been diagnosed with high cholesterol?
$\square$ Yes $\square$ No

Has any member of your immediate family suffered a heart attack or stroke?
$\square$ Yes $\square$ No

Does any member of your immediate family have diabetes?Yes $\square$ No

## HIGH CHOLESTEROL: IT TAKES FOUR NUMBERS TO DETERMINE YOUR RISK.

A blood test is all it takes to get the four numbers your doctor needs to determine if your cholesterol level is putting you at risk for cardiovascular disease.

The best time to have the test is after you fast (don't eat) for 8 to 12 hours before the test. This kind of test is called a lipid profile, and it measures:

- Total cholesterol (LDL cholesterol + HDL cholesterol)
- LDL (bad) cholesterol - the main source of cholesterol buildup and blockage in the arteries
- HDL (good) cholesterol - helps keep cholesterol from building up in the arteries
- Triglycerides - another form of fat in your blood that raises your risk of heart disease

After you have your test and get the results back, write your cholesterol and triglyceride numbers in the middle columns.

| TOTAL CHOLESTEROL LEVEL | MY TOTAL CHOLESTEROL LEVEL | CATEGORY |
| :--- | :--- | :--- |
| Less than $200 \mathrm{mg} / \mathrm{DI}$ |  | Desirable |
| $200-239 \mathrm{mg} / \mathrm{dL}$ |  | Borderline High |
| $240 \mathrm{mg} / \mathrm{dL}$ and above |  | High |
| LDL (BAD) CHOLESTEROL LEVEL | MY LDL (BAD) <br> CHOLESTEROL NUMBER | CATEGORY |
| Less than $100 \mathrm{mg} / \mathrm{dL}$ |  | Optimal |
| $100-129 \mathrm{mg} / \mathrm{dL}$ | Near Optimal |  |
| $130-159 \mathrm{mg} / \mathrm{dL}$ | Borderline High |  |
| $160-189 \mathrm{mg} / \mathrm{dL}$ | High |  |
| $190 \mathrm{mg} / \mathrm{dL}$ and above |  | Very High |
| HDL (GOOD) <br> CHOLESTEROL LEVEL | MY (GOOD) <br> CHOLESTEROL NUMBER | CATEGORY |
| 60 mg/dL or more |  | Desirable |
| Less than $40 \mathrm{mg} / \mathrm{dL}$ |  | Low (increased risk) |
| TRIGLYCERIDE LEVEL | MY TRIGLYCERIDE NUMBER | CATEGORY |
| Less than $150 \mathrm{mg} / \mathrm{dL}$ |  | Normal |
| $150-199 \mathrm{mg} / \mathrm{dL}$ |  | Borderline High |

If your doctor says you need to lower your cholesterol and/or triglyceride level, ask him or her to make specific recommendations for you on how you can do it. Talk about diet and exercise, and whether you would benefit from medication. Tell your loved ones your goals and keep them up-to-date on your progress.

This program was created by the Ohio Department of Health, in collaboration with Ohio physicians.
OHIO DEPARTMENT OF HEALTH 246 N. High St., Columbus, Ohio 43215 CHANGE CONTROL

## QUESTIONS IF YOUR DOCTOR PRESCRIBES MEDICATION:

- What is the name of my medication?
- Can I get it as a generic? (Most medical plans have a lower copay for generic drugs.)
- Does the maker of the medication offer any discounts or coupons? (If you'll have trouble paying, some companies offer discounts on their medications for those who can't afford them.)
$\qquad$
- What are the possible side effects of my medication?
- What should I do if I have side effects?
- When should I start taking my medicine?
- How much should I take?
- Do I need to take it a certain time of day?
- Should I take it with or without food?
- What should I do if I forget to take my medication at the recommended time?
- How long will I need to be on medication?
- Do any of my medications interact with each other?


## IMPROVING MY BLOOD PRESSURE AND CHOLESTEROL NUMBERS

## WHAT WILL HELP ME SUCCEED?

KEEP YOUR DOCTOR APPOINTMENTS. Your doctor will want to work with you to help improve your numbers. He or she will want to see you in the office from time to time. Following up with your doctor will keep you on track and allow your doctor to work with you to solve problems that might keep you from reaching your goals.

MONITOR YOUR BLOOD PRESSURE ON YOUR OWN. Blood pressure cuffs can be purchased at discount or drug stores. If you don't want to buy one, many drugstores, fire stations and health departments offer a service that lets you take your blood pressure for free.

HAVE YOUR CHOLESTEROL MEASURED. At least once every 5 years, and your doctor will want to check it more often if you already have high cholesterol.

## TELL YOUR DOCTOR IF YOU HAVE PROBLEMS FOLLOWING HIS OR HER ORDERS AND

RECOMMENDATIONS. Don't stop treatment on your own. Instead, call the doctor's office to let them know what's happening and let them help you.

GET YOUR LOVED ONES INVOLVED. It's not easy to make lifestyle changes. If your loved ones understand why you need to eat healthy and be active, they can do a better job of supporting you.

LEARN AS MUCH AS YOU CAN ABOUT HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL.
Look for trustworthy information - check out the list of resources included in your CHECK IT. CHANGE IT. CONTROL IT. toolkit.

## WHAT YOU AND YOUR LOVED ONES NEED TO KNOW ABOUT HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL - AND TIPS TO CONTROL THEM

## THE FACTS

- African Americans have the highest rate of high blood pressure of all groups, and tend to develop it at a younger age than other groups.
- Nearly 45 percent of African-American men have borderline-to-high cholesterol.
- Your blood pressure and cholesterol numbers have a lot to do with your chances of having a heart attack or a stroke.
- Heart attacks and strokes are leading causes of death among African-American men.

High blood pressure and high cholesterol typically don't cause symptoms. That means you can have high blood pressure and high cholesterol even if you feel fine. Check your risk factors:

## HIGH BLOOD PRESSURE RISK FACTORS

- Excessive weight
- A family history of high blood pressure
- Having diabetes
- Inactivity
- High dietary salt and fat
- Low intake of potassium (found in fruits and vegetables)
- Smoking
- Increased age


## HIGH CHOLESTEROL RISK FACTORS

- Cigarette smoking
- High blood pressure (140/90 mmHg or higher or on blood pressure medication)
Low HDL cholesterol (less than $40 \mathrm{mg} / \mathrm{dL}$ )
= Family history of early heart disease (heart disease in father or brother before age 55; heart disease in mother or sister before age 65)


## THE BEST NUMBERS FOR HEART HEALTH

Blood pressure less than 120 over less than 80
Total cholesterol less than 200 ( $\mathrm{mg} / \mathrm{dL}$ )

- Check your numbers by having simple tests done at your doctor's office.
- If you have one or both of these conditions, you can improve your numbers. Remember that changing your lifestyle can be as effective as taking medication.
- If your tests show you don't have these conditions, prevention is still important so you don't develop them later on.


## WAYS TO PREVENT OR LOWER HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL

- Eat Healthy: Five or more servings of fruits and vegetables; less salt, sweets and fat; smaller portions.
- Be Active: 30 minutes of physical activity most days of the week.
- Don't Smoke: Check out successful programs to kick the habit for good.
- Drink Less or No Alcohol: No more than 2 drinks per day.
- If your doctor prescribes medication, take it exactly like he or she tells you.


## EAT HEALTHY AT MEAL TIME

Cooking at home gives you more control over what you eat. Consider these tips to make meals healthy. Share them with your family - especially the cook, if you don't cook!

## FILL HALF OF YOUR PLATE WITH FRUITS AND VEGETABLES.

- Eat red, orange and dark-green vegetables, such as tomatoes, sweet potatoes and broccoli, in main and side dishes.
- Have fruit for dessert instead of high-fat, sugary items.
- Switch to skim or $1 \%$ milk. They have the same amount of calcium and other essential nutrients as whole milk, but less fat and calories. Or try calcium-fortified soy products as an alternative to dairy foods.
- Eat fruit, vegetables or unsalted nuts when you snack - they are nature's original fast foods.


## MAKE AT LEAST HALF YOUR GRAINS WHOLE.

- Choose $100 \%$ whole grain cereals, breads, crackers, rice and pasta.
- Check the ingredients list on food packages to find whole-grain foods.


## VARY YOUR PROTEIN FOOD CHOICES.

- Twice a week, make fish (but not fried fish) the protein on your plate.
- Eat beans, which are a natural source of protein and fiber.
- Keep meat and poultry portions small and with as little fat as possible.


## STEER CLEAR OF BAD FATS AND LIMIT SALT AND SALT-BASED SEASONINGS.

- Avoid adding or cooking with butter, lard or shortening that has "trans fats" on the label.
- Don't add salt while cooking, and taste food before adding salt.
- Avoid seasonings like garlic salt while cooking, too. Try garlic powder instead.
- Eat frozen or fresh vegetables and fruits whenever possible, or rinse canned vegetables to get rid of some of the salt.
- Read food labels and check the amount of sodium (salt) in a serving. Your daily intake of salt from everything you eat should be $2,300 \mathrm{mg}$ or less.

Check out the DASH diet for more ideas:
http://www.nhlbi.nih.gov/health/public/heart/hbp/dash/new_dash.pdf

## GET MOVING

The U.S. Centers for Disease Control advises that getting at least 30 minutes of moderate aerobic exercise 5 days of the week ( 150 minutes total) is a good benchmark for almost everyone. So, what is moderate aerobic exercise? Moderate intensity generally means that your breathing and heart rate are noticeably faster but you can still carry on a conversation:

- Brisk walking - Biking at a casual pace
- Light yard work - Light workout with weights
- Light snow shoveling - Dancing
- Actively playing with children

You can even divide the 30 minutes into three periods of at least 10 minutes each!
Check with your doctor before you start being physically active if you have heart disease, if you're over age 50 and are not used to moderate-level physical activity, if you have a family history of heart disease at an early age, or if you have any other serious health problem.


## RESOURCES AND TOOLS TO HELP YOU CHANGE AND CONTROL HIGH BLOOD PRESSURE AND HIGH CHOLESTEROL

HEALTHY OHIO: http://www.healthyohioprogram.org/

Help quitting smoking is available by calling the American Lung Association at 1-800-242-8721.
Or call THE OHIO TOBACCO QUIT LINE, 1-800-QUIT-NOW, 1.800.784.8669 (available to uninsured Ohioans and Medicaid recipients).

OHIO DEPARTMENT OF HEALTH: http://www.odh.ohio.gov/

HIGH CHOLESTEROL: What You Need To Know
www.nhlbi.nih.gov/health/public/heart/chol/wyntk.htm

## CHOLESTEROL INFORMATION AND TOOLS:

http://www.nhlbi.nih.gov/health/public/heart/index.htm\#chol
"AIM FOR A HEALTHY WEIGHT," www.nhlbi.nih.gov

## "YOUR GUIDE TO LOWERING HIGH CHOLESTEROL,"

www.nhlbi.nih.gov/high blood cholesterol

LEARN HOW AFRICAN-AMERICAN RON TUCKER IS CONTROLLING HIS BLOOD PRESSURE,
http://www.nhlbi.nih.gov/high blood cholesterol/real/rt/meet.htm

NUTRITION.GOV: http://www.nutrition.gov/

FITNESS.GOV: www.fitness.gov

SMOKING AND TOBACCO USE RESOURCES: www.cdc.gov/tobacco

FREEDOM FROM SMOKING® ONLINE: http://www.ffsonline.org/

THE OHIO TOBACCO QUITLINE: 1-800-QUIT-NOW (1-800-784-8669), http://ohio.quitlogix.org

HEART.ORG, http://www.heart.org/HEARTORG/

HEALTHFINDER, www.healthfinder.gov

MEDLINEPLUS, www.medlineplus.gov
BLOOD PRESSURE JOURNAL, An app for Android devices that tracks blood pressure, heart rate and weight. Free at https://play.google.com/store/apps/details?id=com.michaelfester.heart.lite\&hl=en

BLOOD PRESSURE COMPANION, An iPhone, iPod touch and iPad app that tracks blood pressure, heart rate and weight. Free at https://itunes.apple.com/app/blood-pressure-companion-free/ id458537528?mt=8

DIET POINT, An iPhone, iPod touch and iPad weight loss meal planner app.
Free at https://itunes.apple.com/us/app/diet-point-weight-loss-meal/id365306881?mt=8
MYFITNESSPAL, An app to track calories and exercise and monitor progress - compatible with most mobile operating systems. Free at http://www.myfitnesspal.com/

CHOOSE THIS NOT THAT FOR HIGH CHOLESTEROL, Android app with nutrition guidelines for how to reduce your risk, prevent and combat High Cholesterol.
\$2.99 at https://play.google.com/store/apps/details?id=appinventor.ai_egfayen.Cholesterol\&hl=en

CHOLESTEROL TRACKER, Record and monitor cholesterol information, for iPhone, iPod touch and iPad. \$2.99 at https://itunes.apple.com/us/app/cholesterol-tracker/id452500570?mt=12

AFRICAN-AMERICAN
MEN ARE AT HIGH RISK
FOR HEART DISEASE
AND STROKE.

SIMPLE TESTS CAN BE
DONE TO CHECK YOUR
BLOOD PRESSURE AND
CHOLESTEROL.

YOU CAN CHANGE THE
PICTURE AND LEAD
A HEALTHY LIFE.


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