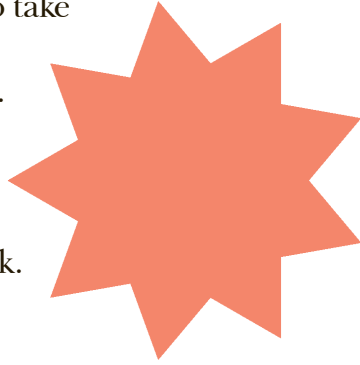


# AgePage

## Diabetes In Older People—A Disease You Can Manage

Diabetes is a serious disease. People get diabetes when their blood glucose level, sometimes called blood sugar, is too high. Diabetes can lead to dangerous health problems, such as having a heart attack or stroke. The good news is there are things you can do to take control of diabetes and prevent these problems. And, if you are worried about getting diabetes, there are things you can do to lower your risk.



### What Is Diabetes?

Our bodies change the food we eat into glucose. Insulin helps glucose get into our cells where it can be used to make energy. If you have diabetes, your body may not make enough insulin, may not use insulin in the right way, or

both. That may cause too much glucose in the blood. Your family doctor may refer you to a doctor who specializes in taking care of people with diabetes, called an endocrinologist.

### Types Of Diabetes

There are two kinds of diabetes that can happen at any age. In type 1 diabetes, the body makes little or no insulin. This type of diabetes develops most often in children and young adults.

In type 2 diabetes, the body makes insulin, but doesn't use it the right way. It is the most common kind of diabetes. You may have heard it called adult-onset diabetes. Your chance of getting type 2 diabetes is higher if you are overweight, inactive, or have a family history of diabetes.

Diabetes can affect many parts of your body. It's important to keep type 2 diabetes under control. Over time it can cause problems like heart disease, stroke, kidney disease, blindness, nerve damage, and circulation problems that may lead to amputation. People with type 2 diabetes have a greater risk for Alzheimer's disease.

### Pre-diabetes

Many people have "pre-diabetes." This means their glucose levels are higher than normal but not high enough to be called

diabetes. Pre-diabetes is a serious problem because people with pre-diabetes are at high risk for developing type 2 diabetes. If your doctor says you have pre-diabetes, you may feel upset and worried. But, there are things you can do to prevent or delay actually getting type 2 diabetes. Losing weight may help. Healthy eating and being physically active for at least 30 minutes, 5 days a week is a small change that can make a big difference. Work with your doctor to set up a plan for good nutrition and exercise. Make sure to ask how often you should have your glucose levels checked.

## Symptoms

Some people with type 2 diabetes may not know they have it. But, they may feel tired, hungry, or thirsty. They may lose weight without trying, urinate often, or have trouble with blurred vision. They may also get skin infections or heal slowly from cuts and bruises. See your doctor right away if you have one or more of these symptoms.

## Tests For Diabetes

There are several blood tests doctors can use to help diagnose diabetes:

- ◆ Random glucose test—given at any time during the day
- ◆ Fasting glucose test—taken after you

have gone without food for at least 8 hours

- ◆ Oral glucose tolerance test—taken after fasting overnight and then again 2 hours after having a sugary drink
- ◆ A1C blood test—shows your glucose level for the past 2–3 months

Your doctor may want you to be tested for diabetes twice before making a diagnosis.

## Managing Diabetes

Once you've been told you have type 2 diabetes, the doctor may prescribe diabetes medicines to help control blood glucose levels. There are many kinds of medication available. Your doctor will choose the best treatment based on the type of diabetes you have, your everyday routine, and other health problems.

In addition, you can keep control of your diabetes by:

- ◆ **Tracking your glucose levels.** Very high glucose levels or very low glucose levels (called hypoglycemia) can be risky to your health. Talk to your doctor about how to check your glucose levels at home.
- ◆ **Making healthy food choices.** Learn how different foods affect glucose levels. For weight loss, check out foods that are low in fat and sugar. Let your

doctor know if you want help with meal planning.

◆ **Getting exercise.** Daily exercise can help improve glucose levels in older people with diabetes. Ask your doctor to help you plan an exercise program.

◆ **Keeping track of how you are doing.** Talk to your doctor about how well your diabetes care plan is working. Make sure you know how often to check your glucose levels.

Your doctor may want you to see other healthcare providers who can help manage some of the extra problems caused by diabetes. He or she can also give you a schedule for other tests that may be needed. Talk to your doctor about how to stay healthy.

Here are some things to keep in mind:

◆ **Have yearly eye exams.** Finding and treating eye problems early may keep your eyes healthy.

◆ **Check your kidneys yearly.** Diabetes can affect your kidneys. A urine and blood test will show if your kidneys are okay.

◆ **Get flu shots every year and the pneumonia vaccine.** A yearly flu shot will help keep you healthy. If you're over 65, make sure you have had the pneumonia vaccine. If you were younger than 65 when you had the pneumonia vaccine, you may need another shot. Ask your doctor.

◆ **Check your cholesterol.** At least once a year, get a blood test to check your cholesterol and triglyceride levels. High levels may increase your risk for heart problems.

◆ **Care for your teeth and gums.** Your teeth and gums need to be checked twice a year by a dentist to avoid serious problems.

◆ **Find out your average blood glucose level.** At least twice a year, get a blood test called the A1C test. The result will show your average glucose level for the past 2 to 3 months.

◆ **Protect your skin.** Keep your skin clean and use skin softeners for dryness. Take care of minor cuts and bruises to prevent infections.

◆ **Look at your feet.** Take time to look at your feet every day for any red patches. Ask someone else to check your feet if you can't. If you have sores, blisters, breaks in the skin, infections, or build-up of calluses, see a foot doctor, called a podiatrist.

◆ **Watch your blood pressure.** Get your blood pressure checked often.

## Be Prepared

It's a good idea to make sure you always have at least 3 days worth of supplies on hand for testing and treating your diabetes in case of an emergency.

## Medicare Can Help

Medicare will pay to help you learn how to care for your diabetes. It will also help pay for diabetes tests, supplies, special shoes, foot exams, eye tests, and meal planning. Be sure to check your Medicare plan to find more information.

For more information about what Medicare covers, call 1-800-MEDICARE (1-800-633-4227) or visit their website, [www.medicare.gov/Health/Diabetes.asp](http://www.medicare.gov/Health/Diabetes.asp).

## For More Information

Here are some helpful resources:

### **American Diabetes Association**

1701 North Beauregard Street  
Alexandria, VA 22311

1-800-342-2383 (toll-free)

[www.diabetes.org](http://www.diabetes.org)

### **National Diabetes Education Program**

One Diabetes Way

Bethesda, MD 20814-9692

1-888-693-6337 (toll-free)

[www.ndep.nih.gov](http://www.ndep.nih.gov)

### **National Diabetes Information Clearinghouse (NDIC)**

National Institute of Diabetes and Digestive and Kidney Diseases

1 Information Way

Bethesda, MD 20892-3560

1-800-860-8747 (toll-free)

1-866-569-1162 (TTY/toll-free)

[www.diabetes.niddk.nih.gov](http://www.diabetes.niddk.nih.gov)

For more information on health and aging, contact:

### **National Institute on Aging Information Center**

P.O. Box 8057

Gaithersburg, MD 20898-8057

1-800-222-2225 (toll-free)

1-800-222-4225 (TTY/toll-free)

[www.nia.nih.gov](http://www.nia.nih.gov)

[www.nia.nih.gov/espanol](http://www.nia.nih.gov/espanol)

To sign up for regular email alerts about new publications and other information from the NIA, go to [www.nia.nih.gov/health](http://www.nia.nih.gov/health).

Visit [www.nihseniorhealth.gov](http://www.nihseniorhealth.gov), a senior-friendly website from the National Institute on Aging and the National Library of Medicine. This website has health and wellness information for older adults. Special features make it simple to use. For example, you can click on a button to make the type larger.



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June 2010 | Reprinted September 2012