



**GOD'S LOVE
WE DELIVER®**

Nutrition Tips for Older Adults



GOD'S LOVE WE DELIVER
Nutrition Services Department

LEARN MORE AT
GODSLOVEWEDELIVER.ORG/NUTRITION



**GOD'S LOVE
WE DELIVER®**

166 Avenue of the Americas
New York, NY 10013
Tel 212.294.8100
nutrition@glwd.org
godslovewedeliver.org

The mission of God's Love We Deliver is to improve the health and well-being of men, women and children living with HIV/AIDS, cancer and other serious illnesses by alleviating hunger and malnutrition. We prepare and deliver nutritious, high-quality meals to people who, because of their illness, are unable to provide or prepare meals for themselves. We also provide illness-specific nutrition education and counseling to our clients, families, care providers and other service organizations. All of our services are provided free to clients and full of love.

Table of Contents

6	Introduction
7	Keys to Healthy Aging
14	Managing Chronic Conditions
24	Managing Stress
25	Food As Medicine
25	Menu Ideas
26	Resources

Introduction

In many parts of the world, people are living longer. In the U.S., the older population (persons 65 years or older) is rapidly increasing and is expected to double, reaching 24% of the total population by 2060. Aging Americans are also becoming more racially and ethnically diverse.

Obviously, the body changes as we age. Our cells do not function as well over time, leading to a natural decline in many areas. Many experience a decrease in appetite and in the quantity of food eaten; an alteration in the senses of smell and taste; and changes in how food is digested and used by the body. Poor oral health can also make eating painful. In addition, around 80% of older adults have at least one medical condition, which often means taking multiple medications. All of these factors make eating and keeping a healthy weight difficult, which can further complicate issues related to aging and nutrition.

“Successful” aging has been defined as longevity with the absence or avoidance of disease, maintenance of physical and cognitive functioning, and active life engagement. Aging itself can be difficult, and the added stress of illness can make it more challenging. However, eating right and remaining as physically and mentally active as possible can help you age well, manage symptoms and feel your best. This booklet will cover the nutritional issues that occur with aging and chronic conditions, helping you to maintain strength, a healthy weight, and quality of life.



Keys to Healthy Aging

MAINTAINING A HEALTHY WEIGHT

Nutrition issues related to aging, such as reduced appetite, thirst and sense of taste, are special considerations for the aging population. Many older adults take multiple daily medications that interact with each other and with food. These can cause changes in appetite, food intake, and hydration which result in unintentional weight loss, dehydration, decreased quality of life, increased dependence, poorer health outcomes, and sarcopenia (loss of muscle and strength).

Unintentional or unplanned weight loss may be a sign that a person is not getting enough calories and/or protein and can lead to frailty, falls, infections, non-healing wounds, and sarcopenia. Stressors such as chronic disease or aging itself can increase the body's need for energy from food.

Sarcopenia is age-related decline of muscle mass and strength that can contribute to poor quality of life, physical frailty, and disability. Risk factors include aging, poor diet, lack of physical activity, chronic disease, stress, and inflammation. A diet adequate in protein combined with moderate physical activity can reduce the risk of sarcopenia.

For both unplanned weight loss and sarcopenia, it is important to eat nutrient-dense foods high in protein on a daily basis to maintain healthy body weight and muscle mass. Examples are chicken, fish, beef, eggs, dairy products, tofu and beans. See page 25 for menu planning ideas.

HYDRATION

Nearly 60% of our body is water. It is vital for many bodily functions, including removing toxins through urination. Staying well-hydrated is critical, as older adults are at a greater risk for dehydration. The key is to drink before you feel thirsty. Signs of dehydration include headache, dry mouth, dizziness,

weakness, dry skin, and dark colored urine. Recommendations for fluid intake vary from person to person, but 6-8 cups per day is recommended. The best way to track your hydration is by the color of urine. Light yellow urine indicates adequate hydration; anything darker can be a sign of dehydration. (Note that some vitamins and medications can discolor urine.)

Water and other beverages are good sources of fluids. However, fluid can also be found in foods that naturally contain water such as yogurt, soup, applesauce, ices, pudding, gelatin, ice cream, and all fruits and vegetables.

EXERCISE

Exercise has shown to reduce the risk of falls by improving balance and overall quality of life among older adults. Additionally, it helps to regulate insulin, balance energy, normalize bowel movements, and reduce inflammation. The current recommendation for physical activity is 150 minutes of moderate-intensity aerobic exercise a week, which is approximately 20 minutes per day. Walking is an easy way to stay physically active and should be incorporated into your everyday activities such as shopping, running errands, or going to appointments. Your exercise routine should be personalized to your needs, abilities, and medical condition, and lower intensity exercise may be necessary. Be sure to consult your medical provider before starting any physical activity or exercise program.



WHEN TO DRINK

- When participating in an outside activity.
- If you are hot.
- If you sweat a lot.

Even if you are not thirsty, drink!

Types Of Exercise

Aerobic exercise: Walking, running, cycling, dancing, or swimming. Promotes fat loss, proper blood circulation, and strengthens the heart.

Resistance exercise: Calisthenics, yoga, and resistance training using bands or weights. Helps to build muscle mass to restore strength and balance.

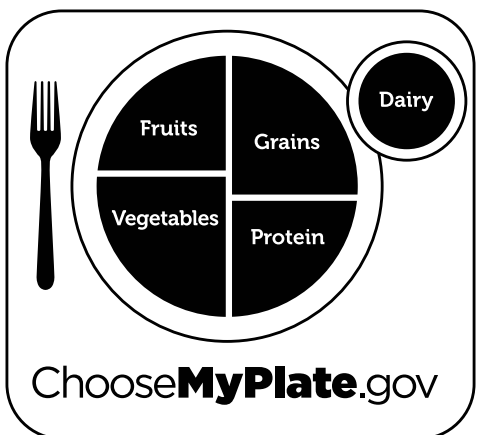
Stretching: Increases flexibility and prevents injury. Should be done before (as a warm-up) and after exercise (cool down).

KEY POINTS TO REMEMBER

Keeping track of weight and intake of food and fluids can help identify problems before they become serious.

- Managing your weight is an important part of your overall health care.
- Maintaining lifestyle habits such as eating a well-balanced diet (see page 25 for menu planning) can help you feel your best.
- Being active can have a positive impact on your overall health and well-being. Speaking with a Registered Dietitian Nutritionist to discuss what would be a healthy weight for you.

PLANNING WELL-BALANCED MEALS



Knowing what types of foods you wish to prepare, and having the ingredients on hand, are key to successful meal planning. Bearing in mind any special dietary concerns, the MyPlate model can make this job easier.

Vegetables and Fruit: *½ of the plate*

Serve vegetables with every meal as a side dish, mixed dish (soup or stew), or garnish

for a sandwich. While it is important to select a wide variety of vegetables, green leafy vegetables should be served regularly. Fruit can be part of the meal, snack or dessert.

Protein: *¼ of the plate*

Look for lean cuts of meat (especially chicken and fish). Avoid processed meats, such as lunch meats and hot dogs. Try plant sources of protein, including beans and tofu.

Grain: *¼ of the plate*

Best choices are whole grains, such as brown rice, whole wheat pasta, barley, or quinoa. Starchy vegetables, including potatoes and corn, are

other choices in this category.

Dairy: *2-3 servings a day*

Examples include milk, cheese, and yogurt.

OLDER ADULTS AND FOOD SAFETY

Older adults are more likely to get food-borne illness (food poisoning), and face special challenges to preparing food safely. This group is at increased risk for multiple reasons: the immune system becomes less effective with age; stomach acid—a key defense against pathogens—decreases; kidneys are not as effective in filtering bacteria from the blood; and many older adults have multiple chronic diseases and take medications, further weakening the immune system. On top of this, older adults may struggle with eyesight and sense of smell, making it harder to identify unsafe food.

How to reduce your risk of food borne illness:

- **Wash** raw fruits and vegetables before preparing, but do not wash raw meat, poultry, eggs, or fish.
- **Cook** meats, eggs, poultry, and seafood thoroughly, using a thermometer to check for doneness. Cook beef to 160°F, poultry to 165°F, pork to 145°F, eggs to 160°F, fish to 145°F, and leftovers to 165°F.
- **Clean** your kitchen, including refrigerator, thoroughly and often. Use soap and water to remove dirt, and then follow up with a bleach-based household cleaning spray to sanitize. Use clean towels instead of sponges, which can harbor bacteria.
- **Label** all foods in your freezer and refrigerator with a date. Cook raw meats and poultry within 2 days or freeze for later use. Leftovers can be kept in the refrigerator for 2 days or for 3-4 months in the freezer.
- **Ask** for help when you need it.

ORAL HEALTH

Many older adults experience oral health problems like missing or loose

teeth, poor fitting dentures, dry mouth, and periodontal disease which can make eating painful and difficult. This discomfort can lead to avoiding certain nutritious foods, or worse, eating less, resulting in unintended weight loss.

How to keep your mouth healthy:

- See a dentist at least once a year.
- Brush and floss teeth twice a day with fluoride toothpaste and a soft toothbrush, or clean your dentures daily with denture cleaner.
- Choose water rather than sweetened drinks like sodas.
- Eat good sources of calcium daily like yogurt, milk, cheese, and green leafy vegetables.
- Try saliva substitutes if experiencing dry mouth.

MANAGING GASTROINTESTINAL CHANGES

The gastrointestinal (GI) system includes the esophagus, stomach, liver, gallbladder, pancreas, intestines, and colon. Advanced age, certain medical conditions, reduced levels of stomach acid, digestive enzymes, and weak muscles are reasons why people may experience GI problems as they age. Additionally, reduced physical activity, use of multiple medications, alcohol, stress, and diabetes can worsen GI related issues.

Early symptoms, such as constipation and diarrhea, can be indicative of larger issues, so it is important to pay attention to and discuss bowel function with your medical provider. Eating nutritious foods and beverages that are rich in antioxidants, vitamins, and minerals can help to improve and/or prevent certain GI problems.

Here are some common gastrointestinal problems:

Gastroesophageal reflux disease (GERD) occurs when stomach acid rises into the esophagus. The use of non-steroidal anti-inflammatory

drugs (NSAIDs), such as ibuprofen or naproxen, and excessive weight, can also increase the risk of GERD. Common symptoms include indigestion, burping, bloating, and heartburn. GERD can also lead to problems with swallowing. To manage symptoms:

- Limit intake of alcohol and caffeine, which may worsen the condition.
- Avoid foods known to cause reflux, such as fatty, spicy foods, or acidic foods (citrus and tomatoes), mint, chocolate, onions, and carbonated beverages.
- Have small meals throughout the day instead of large meals, which can fill the stomach and make GERD symptoms more likely.
- Do not lie down after eating. Wait at least 3 hours after a meal.
- Manage stress by walking, meditation, or taking a warm bath.

Constipation occurs when people have trouble moving their bowels. Common causes are dehydration, certain medications, and inadequate fiber consumption.

- Drink at least 6-8 cups of water per day.
- Aim for 25-35 grams of fiber per day by gradually increasing intake of fruits, vegetables, and whole grains.

Diarrhea has many causes and can be serious. See a medical provider to determine the cause, and a Registered Dietitian Nutritionist for an individualized nutrition care plan.

- For immediate relief, avoid high fiber foods such as whole grains, raw fruits and vegetables, as well as caffeine and alcohol.



IMPORTANT:

Consume sport drinks, coconut water, or any beverage with electrolytes (sodium + potassium) during periods of fever, diarrhea, or vomiting.

- Drink plenty of fluids and increase consumption of starchy foods like bananas, white bread, white rice, applesauce, and potatoes.

Nausea is associated with many different conditions and is often a sign of problems in the GI tract.

- Take medications and supplements with a meal, not on an empty stomach, unless otherwise instructed by your medical provider or pharmacist.
- Settle the stomach with remedies, such as ginger, saltines, plain water, and peppermint or chamomile tea.

Vomiting is a natural defense mechanism of the body but can have harmful effects. With excessive vomiting, it is important to consult your medical provider immediately.

- Do not eat immediately after vomiting, even if hungry. Instead, sip water or suck on ice chips to replenish fluids.
- When feeling a little better, drink diluted fruit juice or eat plain bread.



Managing Chronic Conditions

CARDIOVASCULAR DISEASE

Cardiovascular disease (CVD) refers to a group of conditions that affect the heart and blood vessels. The most common causes of CVD are atherosclerosis (hardening of the arteries) and hypertension (high blood pressure). Both are related to a number of factors, some of which cannot be changed (like genetics and age), and some of which can be modified (such as smoking, weight, diet, and physical activity). Focusing on these lifestyle factors will help to avoid further worsening of the disease.

Hypertension, or high blood pressure, silently damages the heart and arteries. It may cause heart attacks, heart failure, stroke, and kidney disease. There are often no symptoms of high blood pressure, so it is important to ask your medical provider about your blood pressure. In older adults, as with the rest of the population, blood pressure should be no higher than 120/80 mmHg. A well-balanced diet, healthy weight, and consistent exercise can normalize blood pressure and decrease the need for medication.

With CVD, it is essential to follow a heart-healthy eating plan to maintain good health. Here are some things to consider:

Focus on healthy fats

- Select monounsaturated fats such as olive oil and avocado.
- Favor polyunsaturated fats such as canola oil and nuts.
- Favor omega-3 fats, which are found in cold water fish such as salmon, mackerel, and tuna.
- Choose fat-free and low-fat dairy products.
- Eat fewer saturated fats; such as fatty meats, poultry skin, full-fat dairy products. Better choices include skinless poultry, extra lean or lean cuts of beef or pork, fish or tofu.
- Avoid trans-fats, which are found in processed foods and many commercially baked goods.



USDA DEFINITIONS OF EXTRA LEAN AND LEAN BEEF AND PORK

Lean:

3.5 oz serving contains less than 10 grams total fat, 4.5 grams saturated fat, 95 milligrams cholesterol

Extra Lean:

3.5 oz serving contains less than 5 grams total fat, 2 grams saturated fat, 95 milligrams of cholesterol

Monitor sodium intake

- In general, limit sodium to 1,500 - 2,300 mg per day. Ask your medical provider for recommendations for your specific situation.
 - Check ingredient labels for salt-containing ingredients such as sodium chloride, monosodium glutamate (MSG), baking soda, baking powder, sodium benzoate, sodium nitrate, and sodium sulfite.
 - Choose fresh or frozen fruits and vegetables when possible (they contain less sodium).
 - When using canned goods, drain and rinse the contents well in cold water, or purchase low-sodium products.
 - Avoid items that are pickled, brined, smoked, or cured. They are all high in sodium.
 - Season food with fresh or dried herbs or spices instead of salt.
 - Snack on fruits, vegetables, unsalted nuts and crackers, and low-fat yogurt.
- Processed and prepared foods may contain large amounts of sodium; eat fewer of these items and read food labels to make better choices (see page 16).

Use the Food Label to Make Heart Healthy Choices

When buying packaged foods, check the food label for the amount of fat and sodium. Look at the % Daily Value column to determine whether the item contains a high or low source of each nutrient.

The 5%-20% rule of thumb:

- 5% or less is low. Keep total fat, saturated fat, trans fat, cholesterol, and sodium low.
- 20% or more is high. Keep vitamins, minerals, and fiber high.

Nutrition Facts

8 servings per container

Serving size 2/3 cup (55g)

Amount per serving

Calories 230

% Daily Value*

Total Fat 8g **10%**

Saturated Fat 1g **5%**

Trans Fat 0g

Cholesterol 0mg **0%**

Sodium 160mg **7%**

Total Carbohydrate 37g **13%**

Dietary Fiber 4g **14%**

Total Sugars 12g

Includes 10g Added Sugars **20%**

Protein 3g

Vitamin D 2mcg 10%

Calcium 260mg 20%

Iron 8mg 45%

Potassium 235mg 6%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

DIABETES MANAGEMENT

The number of older adults with diabetes is increasing due to longer lifespan.

In addition to common complications related to the eyes, nerves, and kidneys, older adults with diabetes may also suffer from depression, reduced cognition, muscle weakness, falls, fractures, and physical frailty. Complications increase for adults over the age of 75 who are also at risk for malnutrition and reduced muscle strength and mass, which can result in physical limitations. Older adults with diabetes and cognitive impairment are at risk for hypoglycemia (low blood sugar) and treatment related issues.

If you have diabetes, maintaining a healthy lifestyle and weight are keys to controlling your blood glucose

(blood sugar) and preventing complications. Choosing foods wisely, along with engaging in regular physical activity, can prevent blood glucose from spiking or going too low. Some helpful daily practices are:

- Plan meals and snacks ahead of time. Try to eat around the same time every day.
- Eat balanced meals that contain carbohydrates (grains, vegetables, and fruit), fat, and protein.
- Keep portion sizes for carbohydrates consistent and moderate; avoid eating a large portion at any one meal or snack.
- The chart on page 17 will help you identify which foods are high in carbohydrates.
- Eat whole foods and whole grain products rather than processed foods. They contain more fiber and nutrients and do not raise blood sugar as

much. See “whole foods swap” below for some ideas.

- Exercise as regularly as you are able.
- Achieve and maintain a healthy body weight.
- Consume adequate amounts of water to avoid dehydration.
- Take your medications and insulin, and self-monitor your blood glucose, as recommended by your medical provider.

What Foods Have Carbohydrates	
<p>High-Carb Foods: Rice, cereal, pasta, bread, crackers, milk, fruit, fruit juice, starchy vegetables (potatoes, corn, beans, peas), soda and sweetened beverages, desserts, candies</p>	<p>Low-Carb Foods: Most vegetables (except starchy ones)</p> <p>No-Carb Foods: Meat, poultry, fish and oils</p>

THE WHOLE FOODS SWAP	
Here are a few examples of how to increase whole foods.	
Eat This	Instead Of This
Whole Wheat Bread	White Bread
Brown Rice	White Rice
Orange	Orange Juice
Old-fashioned Oats	Instant Oats

BONE HEALTH

Everyone who ages faces issues of bone loss and may be at risk of osteopenia (weak bones) and osteoporosis (very weak bones), especially post-menopausal women. People with these conditions are at high risk for fractures. Bone loss can be the result of a combination of changing hormones, decreased physical activity, certain medications, and an inadequate diet.

While it seems as if our bones are solid and never change, this is not the case. Bones peak in length and density at about age 30. After that, they follow a process of breaking down and building up. The trick is to keep these two opposing activities equal. If the breakdown occurs at a faster

pace than the build-up, a person will experience bone loss or osteoporosis. Calcium and vitamin D are particularly important to bone health. Other nutrients play a role as well.

Other Considerations

- Engage in moderate weight bearing (resistance) exercise. See page 8 for ideas and always speak to your medical provider before starting a new regimen.
- Make sure that you are getting enough calcium and vitamin D through food and, if necessary, supplements. A Registered Dietitian Nutritionist can help you analyze your diet.
- Use alcohol moderately, if at all. Chronic alcohol use is linked to an increase in fractures.
- If you smoke, try to quit. Cigarette smoking is associated with decreased bone density.
- Avoid drinking soda. Soda may interfere with bone health by interfering with calcium absorption due to its high phosphorus levels.

Vitamin D and Sunshine

Your body makes vitamin D from the sun's ultraviolet rays. During the summer months, 10-15 minutes sun exposure at least 3 times a week on the face, arms, back, and hands without sunscreen, is adequate.

- Darker skin needs 5-10 times more exposure than fair skin to make the same amount of vitamin D.
- In northern climates from October through March, the sun's rays are not strong enough to make sufficient vitamin D.
- In people over fifty, the ability to make vitamin D is diminished.
- Older individuals, those who get little year-round sun exposure, and people in northern climates during the winter should include good food sources (eggs, fish, and fortified milk) and possibly a supplement in their diets. See your medical provider for individual recommendations.



TIP

Be sure to include the calcium rich bones when using canned salmon by crushing the bones into whatever you are making.

Skip this if you have a swallowing problem.

BONE BUILDERS				
Nutrient	Function	Recommended Daily Amount	Sources	Examples
Calcium	Most abundant mineral in the body; 99% of it is in the bones.	Men 50+, 1000mg; Women 50+, 1200mg	Dairy products, fortified soy milk or juice, tofu, canned fish with bones	1 cup milk = 300 mg; 1 cup yogurt = 375 mg
Vitamin D	Helps in the absorption of calcium.	Aged 50-70, 600 IU; Aged 70+, 800 IU	Sunshine, fortified milk, eggs, fish	1 egg = 41 IU; 1 cup milk = 120 IU; 3 oz salmon = 566 IU
Protein	Builds, repairs and replaces tissue.	Needs vary by age, gender, weight, and medical condition	Meat, poultry, fish, dairy, soy, beans	3 oz chicken = 27 g; 1 egg = 6 g; 1T peanut butter = 5 g
Vitamin K	Aids in the formation of proper bone structure and strength.	Adult Male, 120 mcg; Adult Female, 90 mcg	Green leafy vegetables, e.g., kale, spinach	1 cup cooked spinach = 889 mcg; 1 cup cooked collards = 772 mcg
Magnesium	Improves bone density and helps process calcium.	Men 50+, 420 mg; Women 50+, 320 mg	Green leafy vegetables, potatoes, nuts, seeds, whole grains, dark chocolate	1 oz roasted pumpkin seeds = 73 mg; 1 oz almonds = 75 mg; ½ cup boiled spinach = 79 mg; 1 oz dark chocolate = 41 mg
Fruits and vegetables	Maintains alkaline level in the body – needed to keep calcium from leeching from the bones.	2 servings of fruit; 5-7 servings of vegetables	All fruits and vegetables	1 serving = 1 cup raw or cooked vegetable, 2 cups raw leafy greens; 1 cup fruit, 1 medium piece of fruit or ½ cup dried fruit.

Sources: Institute of Medicine, Vitamin D Council, Nutrition Care Manual, USDA National Nutrient Database

LIVER HEALTH

Your liver is one of the most powerful organs in the body. It performs hundreds of functions, including digesting fat, processing medications, and removing harmful toxins from the body (detoxification). Liver function declines with age due to a decrease in size and reduced blood flow to this vital organ.

Decreased liver function can change how medications are processed, which is important to older adults who take multiple medications. If you have hepatitis, cirrhosis, or liver cancer, it is especially important to keep your liver as healthy as possible. Below are some tips on how to keep your liver working its best.

What to include:

- Eat plenty of fruits and vegetables in a rainbow of colors. Fruits and vegetables contain antioxidants, vitamins and minerals that are crucial for liver function, especially detoxification.
 - Leafy green vegetables - kale, spinach, and collard greens
 - Allium vegetables - onions, garlic, and shallots
 - Red and orange fruits and vegetables - tomatoes, melons, peppers, oranges, and beets
 - Unsalted, raw nuts, especially walnuts and Brazil nuts
- Drink plenty of water.

What to avoid:

- Alcohol, if you are taking multiple medications; drinking alcohol interferes with their metabolism, leaving medications to circulate in your body for longer than they necessary. Excessive alcohol intake can also damage liver cells, which reduces the liver's overall function.
- Fatty foods, which are harder to digest and for the liver to process.
- Too much caffeine. Because the liver breaks down caffeine, it can interfere with the liver's ability to detox.



WHAT IS DYSPHAGIA?

Dysphagia is difficulty eating/swallowing that occurs at any point from the mouth to the esophagus. It affects as many as 15 million Americans.

DEMENTIA

Dementia is a progressive decline in memory and thinking skills that reduces a person's ability to communicate and perform everyday activities. Common symptoms of dementia are increasing memory loss, disorientation, and personality and emotional changes. These can seriously affect a person's nutritional and medical status. For example, a person with dementia may forget to eat meals or take medication. Disorientation, agitation, and personality changes can also make mealtimes tedious and unenjoyable, resulting in eating less and malnutrition.

The ability to chew and swallow food safely diminishes as the disease progresses. When swallowing ability is lost (dysphagia), food can aspirate or enter the lungs, becoming a life-threatening issue. Symptoms of dysphagia include drooling, coughing during or after meals, choking, or a "gurgly" voice. If a swallowing problem is suspected, inform a medical provider immediately and consider a referral to a Speech Language Pathologist (SLP). A SLP can evaluate the problem and recommend any needed modifications to foods and liquids. Changes to the texture of foods can be used to maintain and improve the ability to eat safely.

People with dementia often rely on caregivers to prepare and serve their meals. Mealtimes can be challenging for caregivers, however, food can also be a source of comfort and connection. Here are some tips to enhance mealtimes and encourage eating:

- Provide a calm, quiet environment for meals. Turn off the TV and radio.
- Make mealtime "person centered." Focus on the person rather than the task.
- Remove utensils only when a person is confused or they are unsafe.
- Give verbal and physical eating cues; for example, place spoon in person's hand and say, "this is your spoon;" guide hand to plate and say, "these are your potatoes."
- Offer small portions of each food one at a time. This can reduce confusion.
- Use solid pattern tableware in contrasting colors for less distraction. For example, use a white plate against a blue placemat.
- Use non-skid bowls and plates to encourage independent eating.

- Remove all non-food items from area – wrappers, pits, and packets.
- Keep in mind the time of day. Appetite and functioning may be best early in the day.
- Honor food preferences as much as possible.
- Provide water to sip throughout the day in a clear glass or mug. This way you can easily watch how much a person is drinking.

HIV

As a result of increased survival rates due to advancements in treatment, as well as to new infections among older adults, more and more people are aging with HIV. Older adults with HIV are at higher risk for age-related complications like diabetes, bone loss, and cardiovascular disease. The aging process also affects the immune system, making recovery more difficult.

Take your antiretroviral treatment as prescribed.

- Treatment adherence includes starting HIV treatment, keeping all medical appointments, and taking HIV medicines every day and exactly as prescribed. For people with HIV, treatment adherence is key to staying healthy.
- It is best to see a health care provider as soon as possible after testing positive for HIV. Once in medical care, people with HIV should start taking HIV medicines as soon as possible.
- Because HIV requires lifelong treatment, it is important for people with HIV to regularly visit their health care provider. Ongoing medical care includes monitoring to make sure a person's HIV treatment regimen is keeping the virus under control.

Many of the main health issues affecting people over the age of 50 living with HIV are not directly related to HIV itself. Living well into one's advanced years with HIV is not only possible, but also likely with the management of co-morbidities or other medical conditions that exist along with HIV.

Since decreased muscle mass, memory loss, and digestive problems are associated with both aging and HIV disease, determining the exact cause

can be difficult. It is therefore crucial for those over fifty living with HIV to eat a healthy diet. A proper diet can help manage HIV and prevent or postpone other health issues. A Registered Dietitian Nutritionist can help you put together an individualized plan. For more information about specific issues like weight management, bone health, diabetes, and cardiovascular disease, please see the separate sections of this book.



5 THINGS TO CONSIDER

1. Eat protein at every meal

Protein builds, repairs, and replaces tissue. Older adults with HIV may need more protein to maintain muscle. Needs vary by age, gender, weight, and medical condition. Sources: Meat, poultry, fish, dairy, soy, beans.

3 oz chicken = 27 g protein

1 egg = 7 g protein

1 T peanut butter = 5 g protein

2. Maintain a healthy weight

Balance energy in (food eaten) with energy out (exercise done). (See pages 8)

3. Check your vitamin D and calcium intake

Older adults have higher needs for these nutrients. See page 19 for more details.

4. Stay well hydrated

One's sense of thirst diminishes with age. Check the color of your urine; it should be a pale-yellow color (see chart below).

Very Good

Good

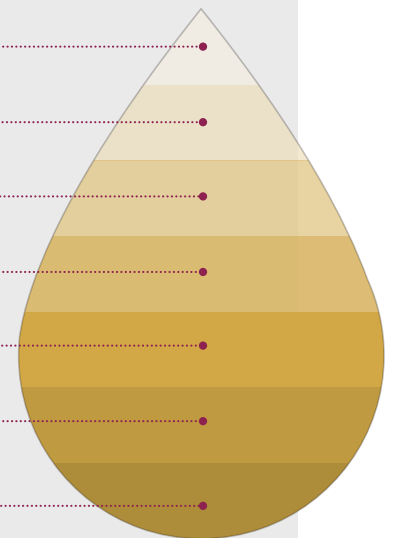
Fair

Light Dehydrated

Dehydrated

Very Dehydrated

Severe Dehydrated



5. Add anti-inflammatory omega-3 fats to your diet

These are found in fish such as salmon, mackerel, and tuna, and in chia and flax seeds, and walnuts.



Managing Stress

Often the aging process and its associated stress can diminish quality of life. There are various reasons for increased stress among older adults. Life events such as retirement, illness, and loss of loved ones (and the accompanying grief) can lead to long-term activation of the body's stress response. This can impair the immune system's ability to fight disease and increase the risk of physical and mental health problems. Stress and anxiety in older adults are associated with increased physical problems and difficulty in carrying out activities of daily living (ADLs); increased health problems; and decreased sense of well-being and satisfaction with life.

Coping with stress and anxiety is *essential* for older adults and it comes in many forms. Here are some suggestions to help manage stress:

- **Physical activity** contributes to the prevention and management of many chronic illnesses, and improves overall quality of life among older adults.
- **Engaging in social and community activities** can enhance self-esteem and reduce stress.
- **Participating in activities** you enjoy or learning something new will keep you enjoying life experiences.
- **Reading** and/or participating in a book group can stimulate your brain and keep you connected with others.
- **Being present**, mindful and using techniques like deep breathing and meditation can help ease stress and promote well-being.
- **Staying connected** with the people who are most important to you can help you adjust to life changes.
- **Having a buddy**, since buddy-style activities can help you stay on track with your interests.



Food As Medicine

Making good food choices can help you maintain a healthy weight, strength, independence, and the best possible quality of life as you age, especially if you are living with a chronic illness. Not only is food a source of comfort and connection to others, it is also an important part of your healthcare. Consider your food as medicine: it helps to manage an illness, can help you feel better, and stay healthier at home. If you are not able to shop or cook food for yourself, and/or need help obtaining food or meals, please see page 26 for available resources.



MENU IDEAS

Here are some ideas to get you started with planning nutritious meals:

Breakfast

- 1 cup cooked oatmeal with ¼ cup cooked fruit, 1 oz. ground almonds and 1 Tbsp. flax, OR
- 2 scrambled eggs with ¼ avocado sliced and 2 slices whole wheat toast, OR
- 2 Tbsp. peanut butter with 1 whole banana sliced on 2 slices whole wheat toast, OR
- 1 cup cottage cheese with ½ cup fruit

Lunch

- 4 oz. tuna on 2 slices whole wheat toast with 3-4 large leaves lettuce and 2 thick slices tomato, OR
- 4 oz. tuna salad or shredded chicken with ⅓ - ½ cup whole wheat pasta, OR
- 1 cup spinach or green salad with 4 oz. diced chicken, canned salmon, sardines, or chickpeas, OR
- 1 cup low sodium soup: lentil, chicken, or other, OR
- Grilled cheese: 2 oz. cheese on 2 slices whole wheat toast or English muffin with ½ cup berries or cut fruit

Snack

- 6 oz. yogurt, OR
- 1 oz. unsalted nuts, OR
- Piece of fresh fruit

Dinner

- 4 oz. baked salmon or other fish with ½ cup sautéed green leafy vegetable, OR
- 1 4-oz. turkey burger with ½ cup sautéed or roasted broccoli, OR
- 4 oz. roasted chicken breast, ½ cup green beans and ⅓ cup brown rice, OR
- One serving of a protein dish with side of ½ cup roasted beets and ⅓ cup cooked barley tossed with 1 tsp. olive oil, OR other roasted vegetables and whole grain, OR
- One of the above meals with 1 oz dark chocolate or ½ cup cut fruit as dessert

Resources

AARP

aarp.org/home-family/caregiving

Alzheimer's Association

800-272-3900

alz.org

CaringKind

The Heart of Alzheimer's Caregiving

646-744-2900

caringkindnyc.org

Eldercare Locator

800-677-1116

eldercare.acl.gov

Family Caregiver Alliance

800-445-8106

caregiver.org

God's Love We Deliver

212-294-8100

glwd.org

Hospice Foundation of America

800-854-3402

hospicefoundation.org

Meals on Wheels

888-998-6325

mowaa.org

National Coalition on Aging

ncoa.org

SAGE

Sageusa.org

Supplemental Nutrition Assistance Program (SNAP)

fns.usda.gov/snap

ADAPTIVE EQUIPMENT RESOURCES

The Alzheimer's Store

800-752-3238

alzstore.com

Best Alzheimer's Products

847-223-3021

best-alzheimers-products.com

Acknowledgments

Written by the Nutrition Services Department at God's Love We Deliver

Juhy Ali, RDN

Veronica (Ronnie) Fortunato, MS, RDN

Monica Gonzalez, RDN, CDN

Carolina Guizar, MS, RDN

Jamie Lopez, MS, RDN

Reena Panjwani, MS, RDN

Lisa Zullig, MS, RDN, CSG, CDN

Edited by

Ronnie Fortunato, MS, RDN

Lisa M. Zullig, MS, RDN, CSG, CDN

With contributions by

Karen Pearl, President & CEO

Alethea Hannemann, Chief Operating Officer

Graphic design

Eric Perry

Disclaimer

Registered dietitians have carefully prepared this booklet. However, the booklet is prepared for informational purposes only and may not represent the very best information or practices for a particular individual. The booklet is not medical advice, diagnosis or treatment. Each person should share this booklet with his or her medical provider or registered dietitian in order to seek a professional opinion on individual nutritional needs. Never disregard the medical or nutritional advice of a medical provider or registered dietitian because of something you read in this booklet. The inclusion of any products or processes in this booklet does not represent an endorsement.



This brochure has been printed with soy-based inks on recycled paper that contains post-consumer waste.

© Copyright 2024 God's Love We Deliver



GOD'S LOVE WE DELIVER
Nutrition Services Department

166 Avenue of the Americas
New York, NY 10013
Tel 212.294.8100
nutrition@glwd.org
godslowedeliver.org



godslowedeliver



godslovenyc

#FoodIsMedicine