

Client Name \_\_\_\_\_ Date \_\_\_\_\_

RD/DTR \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

# Hypertension (High Blood Pressure) Nutrition Therapy

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This diet will help lower your blood pressure, which can reduce the chances that you will have a heart attack or stroke.

This nutrition therapy is sometimes called the DASH (Dietary Approaches to Stop Hypertension) plan. It cuts back on the amount of sodium that you get from food and drink. (Most sodium comes from salt.)



## Limiting Sodium

- Even if you are taking medications for your blood pressure, you should still limit how much sodium you consume.
- In general, people with high blood pressure should get between 1,500 milligrams (mg) and 2,400 mg sodium per day.
- Your doctor or dietitian can tell you the specific limit that is right for you.

## Tips to Cut Sodium

- In general, foods with more than 300 mg sodium per serving may not fit into your meal plan. You can find out how much sodium is in a food by reading the food label. Remember the amount listed is for one serving, which may be more or less than you eat.)
- Do not salt food at the table; add very little when cooking.
- Choose carefully when you eat away from home. Restaurant foods can be very high in sodium. Let the person taking your order know that you are looking for low-salt or no-salt choices. Many restaurants have special menus or will make food with less salt.

## Notes:

## Fats

Eating the right types of fat and avoiding the unhealthy ones helps to reduce the buildup of plaque in your blood vessels. This lowers your risk for strokes or heart attacks.

This eating plan includes heart-healthy kinds of fat. However, it limits saturated and trans fats. (See the chart for foods with each type of fat.)

Type of Fat	Foods with This Type of Fat	Heart-Healthy?
<b>Unsaturated fats</b>	Soybean, canola, olive, or sunflower oil Liquid or soft tub margarines	Yes
<b>Omega-3 fatty acids</b>	Fatty coldwater fish, such as salmon, tuna, mackerel, and sardines Flaxseed oil and ground flaxseed	Yes
<b>Saturated fats</b>	Foods with fat from animals (such as fatty meats, whole milk, butter, cream, and other dairy foods made with whole milk) Palm, palm kernel, or coconut oil (tropical oils)	No
<b>Trans fats</b>	All foods made with hydrogenated oil (Read Nutrition Facts labels: hydrogenated oil may be found in fried foods, crackers, chips, and baked goods made with margarine or shortening.)	No

## Maintaining a Healthy Weight

If you need to lose weight, the DASH plan can help you because it limits high-fat foods and refined carbohydrates. These foods can be high in calories but don't contain many healthy nutrients.

Talk to your doctor about what a healthy weight is for you, and set goals to reach that weight. Your doctor can also help you make a plan to get regular physical exercise.

### Notes:

## Recommended Foods

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Food Group	Recommended Foods
<b>Grains</b>	Breads and cereals, especially those made with whole grains such as oats, barley, rye, or whole wheat Pasta, especially when made with whole grains Brown rice Low-fat, low-sodium crackers and pretzels
<b>Vegetables</b>	Fresh, frozen, or canned vegetables without added fat or salt Highly colored vegetables, such as broccoli, greens, sweet potatoes, and tomatoes are especially good for you
<b>Fruits</b>	Fresh, frozen, canned, or dried fruit
<b>Milk</b>	Nonfat (skim), ½% fat or 1% fat milk Nonfat or low-fat yogurt Nonfat, low-sodium cottage cheese Fat-free and low-fat, low-sodium cheese
<b>Meat and Other Protein Foods</b>	Fish (especially fatty fish, such as salmon, fresh tuna, or mackerel) Lean cuts of beef and pork (loin, leg, round, extra lean hamburger) Low-sodium cold cuts made with lean meat or soy protein Skinless poultry Venison and other wild game Unsalted nuts and nut butters Dried beans and peas Low-sodium meat alternatives made with soy or textured vegetable protein Egg whites or egg substitute
<b>Fats and Oils</b>	Unsaturated oils (soybean, olive, canola, sunflower, safflower) Soft or liquid margarines and vegetable oil spreads Salad dressings (nonfat or made with unsaturated oil) Seeds Avocado
<b>Other</b>	Herbs and spices to add flavor to replace salt Unsalted, low-fat snack foods, such as unsalted pretzels or plain popcorn Fat-free or low-fat sweets, such as maple syrup, jelly beans, hard candy, or sorbet

## Foods Not Recommended

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Food Group	Foods Not Recommended
<b>Grains</b>	Baked goods made with hydrogenated fat or saturated fat Any grain foods that are high in sodium or added sugar
<b>Vegetables</b>	Canned vegetables (unless they are low sodium or salt free) Pickles; vegetables packed in brine, such as sauerkraut or olives Fried or breaded vegetables; vegetables in cream or butter sauces
<b>Fruits</b>	Fried fruits; fruits in cream or butter sauces
<b>Milk</b>	Whole and 2% fat milk; cream Cheese (except for nonfat or low-fat, low-sodium types) Processed cheese products Foods made from whole milk or cream (such as ice cream or half-and-half)
<b>Meat and Other Protein Foods</b>	Canned or smoked meat or fish Marbled or fatty meats (such as bacon, sausage, hot dogs, regular hamburger) Whole eggs and egg yolks Poultry with skin High-sodium lunch or deli meats (such as salami) Canned beans (unless they are low-sodium or salt-free)
<b>Fats and Oils</b>	Solid cooking fats (shortening, butter, stick margarine) Tropical oils (palm, palm kernel, or coconut oil)
<b>Other</b>	Salt, seasoning mixes made with salt Soy sauce, miso Canned or dried soups (except for low-fat, low-sodium types) Bouillon cubes Catsup, barbeque sauce, worcestershire sauce Jarred or bottled salsa (homemade without salt is fine) Sugary drinks (such as soda or fruit drinks) Snack foods made with hydrogenated oil, shortening, or butter High-sodium snack foods (chips, pretzels, salted nuts) High-fat, high-sugar desserts High-fat gravies and sauces Premade foods (boxed pasta mixes, frozen dinners, and so on) if high in sodium or fat
<b>Alcohol</b>	<b>Women:</b> No more than 1 drink per day. <b>Men:</b> No more than 2 drinks per day. (1 drink = 5 ounces [oz] wine, 12 oz beer, or 1½ oz liquor)

## Sample 1-Day Menu

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<b>Breakfast</b>	6 oz orange juice 1 cup raisin bran cereal with 1 cup 1% fat milk
<b>Lunch</b>	¾ cup chicken salad (chicken breast seasoned with celery, lemon juice, onion powder, and low-fat mayonnaise) ½ large pita bread 3 or 4 sticks of carrot and celery, 2 radishes, 2 lettuce leaves 8 oz low-fat fruit yogurt 1 cup iced tea
<b>Evening Meal</b>	3-4 oz herb-baked fish 2 cups pasta primavera (1 cup pasta, no-salt seasoning mix, ½ cup steamed broccoli, ½ cup stewed tomatoes and bell peppers) Spinach salad (½ cup raw spinach, 2 cherry tomatoes, 2 slices cucumber, 1 Tablespoon slivered almonds, 1 Tablespoon light Italian salad dressing) 1 whole wheat dinner roll with 1 teaspoon soft margarine 1 cantaloupe wedge Water with lemon wedge
<b>Snack</b>	Milkshake made with 1 banana, ½ cup low-fat ice cream, and ½ cup skim milk

### Approximate Nutrition Analysis:

Calories 1,800 Protein 112 g (24% of Calories) Carbohydrate 272 g (58% of calories) Fat 37 g (18% of calories) Saturated Fat 10 g Cholesterol 199 mg; Sodium 1,575 mg; Fiber 24 g

### Notes: