

Living Well On Dialysis

A Cookbook for Patients and Their Families

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A patient education program of the National Kidney Foundation, Inc. Developed by the Council on Renal Nutrition.

Supported by an educational grant from



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Acknowledgments

The National Kidney Foundation extends its sincere appreciation to the following members of the Council on Renal Nutrition who were involved in the revision of this and previous editions of *Living Well on Dialysis*.

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Introduction

Good nutrition is the key to good health for everyone. It is especially important for people with chronic kidney disease. Even with the help of artificial kidney treatments (dialysis), you cannot get rid of all the wastes and fluids that build up in your body from what you eat and drink.

You can work closely with your renal dietitian to decide on a meal plan that is best for you and includes some of your favorite foods. Your individual meal plan will be based on your age, your weight, foods you like, your dialysis treatments and other medical conditions such as diabetes, heart disease and high blood pressure. It will be tailored to your needs but may not meet the specific needs of other patients. Most people with kidney disease must modify their intake of certain nutrients such as protein, potassium, sodium, phosphorus and fluid. Each person has different needs. Following the meal plan suggested by your renal dietitian will help you feel your best.

Calories are needed to provide your body with energy to allow it to function properly. Your renal dietitian can help you plan a meal plan containing the right balance of calories from different sources to keep your body healthy.

Protein is used to build and repair tissue. Many of the foods you eat contain protein. The best sources of protein are dairy products, eggs, meat, poultry (chicken, turkey, etc.) and seafood. Breads, cereals and vegetables are mostly carbohydrates but also contain a small amount of protein.

Carbohydrates provide fuel or energy for your body in the form of starches and sugars. The major sources are breads, cereals, fruits, grains and vegetables. If you have diabetes you may be watching your carbohydrate intake to help control your blood sugar.

Fat is a concentrated energy source that adds flavor, moisture and calories to food. It is often added to a meal plan for chronic kidney disease to provide much needed calories to help gain or maintain weight and add flavor to food. If you are overweight and wish to lose weight, your dietitian or doctor may recommend limiting the fat in your diet. Certain kinds of fat may also be recommended for you to use if you are concerned about your blood lipid levels.

Potassium regulates nerve and muscle function. Almost all foods contain some potassium. Some foods that are very high in potassium are avocadoes, bananas, dried beans and peas, dried fruits, milk and nuts, oranges, potatoes, tomatoes and winter squash. How often these foods can be eaten, and/or their portion size, may need to be limited depending on your individual needs.

Calcium and phosphorus are minerals that work together in the body to keep your bones strong and healthy. This balance is changed when the kidneys are unable to filter out enough phosphorus. Phosphorus levels are then increased in your blood. When this balance of calcium and phosphorus is upset it can cause bone disease and contribute to the calcification of arteries and organs including your heart. The consistent use of phosphorus binding medication and following a diet that limits foods high in phosphorus may be needed. Almost all foods have some phosphorus, but the highest levels are found in dairy products (cheese, milk, yogurt), dried beans, nuts, chocolate and cola drinks. Your doctor and renal dietitian will help you balance your dietary intake and medications.

Sodium helps regulate the fluid balance in your body. High-sodium foods may upset this balance in chronic kidney disease. Some foods that have the highest amounts of sodium are cured and processed. This includes smoked meats and smoked or processed cheeses, ham, bacon, sausage, cold cuts, cheese and snack foods like corn chips, pickles, pretzels, potato chips, and salted nuts. Some foods that do not taste salty may contain a lot of sodium. Examples are canned soups, ketchup, mustard, relishes, some seasonings, steak sauces, meat tenderizers, canned or packaged foods and restaurant foods. When you prepare foods from scratch, you can control the amount of sodium used.

Healthy Seasoning: The Spice List

When you must limit salt, herbs and spices can add extra flavor to your foods. Most common herbs, spices and seasonings can be used in a meal plan for chronic kidney disease. It is important to use pure spices rather than those mixed with salt. Suggested spices include fresh garlic, fresh lemon or lime juice, garlic powder, pepper, onion powder, paprika, small amounts of green pepper or onion, vinegar and wine.

Avoid using salt substitutes or seasonings that contain potassium chloride. Although most salt substitutes do not contain sodium, most may have a large amount of potassium. Potassium can actually be more harmful to you than salt.

Following are some suggestions for blending spices with specific foods.

Allspice beef, eggs, fish, fruits, vegetables, beverages, baked products, desserts

Basil lamb, fish, eggs, vegetables, sauces

Bay Leaf beef, chicken, veal, fish

Cinnamon chicken, pork, fruits, baked products, beverages, vegetables

Cloves beef, pork, fruits

Curry (salt-free) beef, chicken, lamb, veal, eggs

Dill chicken, veal, fish, vegetables

Ginger chicken, pork, fruits, vegetables, baked products, beverages

Marjoram eggs, fish, meats, poultry

Mustard Powder meats, poultry, fish, eggs, vegetables

Parsley beef, chicken, fish, salads, sauces

Rosemary beef, lamb, chicken, turkey

Sage meats, fish, stuffing, vegetables

Savory egg dishes, meats, poultry, stuffing, rice, vegetables Tarragon chicken, fish, meats, egg dishes, sauces, vegetables

Thyme fish, meats, poultry, eggs, stuffing, vegetables

It is best to crush or rub leaf-type herbs to release their full flavor. Remember, herbs and spices should not overpower the taste of your food, so add them in small amounts. However, since salt enhances or increases flavors, you may need slightly more of a spice than a standard recipe calls for.

Some Final Words

You may find that meal planning is a challenge for you at times. Look at the Sample Menus section in this cookbook for suggestions on how to incorporate recipes in your meal

plan for chronic kidney disease. These meal plans have been calculated to provide approximately (per day):

- 2000 calories
- 70 grams protein
- 2 grams sodium
- 2 grams potassium
- 1000 mg phosphorus

The recipes in this book will help you cook tasty foods that are good for you. Your renal dietitian can help you choose the best ingredients and portion sizes for new or favorite recipes that you may have.

Each recipe has been analyzed for the following nutrients: calories, carbohydrates, protein, fat, sodium, potassium and phosphorus. Each recipe has also been analyzed for renal and renal diabetic exchanges using the National Renal Diet Exchange Lists. (If you are interested in obtaining additional information about these lists, ask your dietitian.) The National Renal Diet Exchange Lists include a "salt exchange" which contains 250 milligrams of sodium. There are recipes in this cookbook that utilize this salt exchange.

Every attempt has been made to analyze these recipes for both renal and renal diabetic exchanges. However, some of these recipes may be too high in sugar for those patients with diabetes. Those recipes have the comment "Not suitable for patients with diabetes" at the end of the recipe.

The analysis of these recipes was calculated using Practor Care, Neutri Practor 6000, San Diego, California, 1990; Food Processor II, ESHA Research, Salem, Oregon; and Pennington's "Bowes & Church's Food Values of Portions Commonly Used," 16th edition.

Sample Menus

The following seven-day menus have been written to include a variety of recipes from this cookbook. Each day's menu provides approximately 2000 calories, 70 grams protein, 2 grams sodium, 2 grams potassium, and 1 gram phosphorus. Items with an asterisk (*) are recipes that can be found in this cookbook.

Day 1

Breakfast

Three Pepper Quiche*
2 servings
Pear Halves 1/2 cup
Milk 1/2 cup

Lunch

Cream of Crab Soup* 2 cups Sandwich: Garlic Bread* 2 slices, Roast Beef 2 ounces Apple 1 small

Dinner

Turkey Fajitas* 2 Avocado 1/4 Strawberry Ice Cream* 1 cup

Day 2

Breakfast

Fruit and Oat Pancakes* 2 Margarine 2 teaspoons Syrup 2 tablespoons CranApple Juice 1/2 cup

Lunch

Chili Con Carne* 1 cup Corn Tortillas 2 (6 inch) Lemonade 1 cup

Dinner

Scampi Linguini* 1 cup Carrots 1/2 cup Garlic Bread* 1 slice Chocolate-Lover's Mousse* 1/2 cup

Day 3

Breakfast

Cream of Wheat 1 cup Zucchini Bread* 1 slice Cranberry Juice Cocktail 1 cup Margarine 2 teaspoons Sugar 2 teaspoons Milk 1/2 cup

Lunch

Pasta Salad Niçoise* 2 cups Dinner Roll 1 Margarine 2 teaspoons Hot Fruit Compote* 1/2 cup

Dinner

Meat Loaf* 3 ounces
Broccoli-Cauliflower-Carrot Bake*
1/2 cup
Orzo Pasta* 1/2 cup
French Bread 1 slice
Margarine 2 teaspoons
Peaches 1/2 cup

Day 4

Breakfast

Poached Eggs 2
Toast 2 slices
Margarine 2 teaspoons
Grapes 15 small
Cranberry Juice Cocktail
1 cup

Lunch

Salt-Free Pizza* 2 slices
Lettuce 1 cup
Salad:
Sliced Cucumber 1/2 cup
Poppy Seed Dressing*
2 tablespoons
Orange 1 small

Dinner

Sweet and Sour Chicken*
1 cup
Egg Fried Rice* 1/2 cup
Chinese Almond Cookies* 3
Plum 1 medium

Day 5

Breakfast

French Toast* 2 slices Margarine 2 teaspoons Syrup 2 tablespoons Orange Juice 1/2 cup

Lunch

Lemon Curry Chicken Salad* 1 1/2 cups Raspberry Streusel Muffin* 1 Margarine 2 teaspoons Pine-Apple Fruit Whip* 1 cup

Dinner

Cajun Pork Chop* 1
Festive Cranberry Stuffing* 1/2 cup
Peas 1/2 cup
Dinner Roll 1
Margarine 2 teaspoons

Day 6

Breakfast

Scrambled Eggs 2 English Muffin 1 Margarine 2 teaspoons Jelly 1 tablespoon Peach Nectar 1/2 cup

Lunch

Cream of Corn Soup* 1 cup Hamburger: Hamburger Patty 3 ounces Hamburger Bun 1 Mayonnaise 2 teaspoons Fruit Cocktail 1/2 cup

Dinner

Herb Topped Fish* 3 ounces Barley-Rice Pilaf* 1/2 cup Steamed Green Beans* 1/2 cup Dinner Roll 1 Margarine 2 teaspoons

Day 7

Breakfast

Country Biscuits and Gravy*
2 with 1/3 cup gravy
Strawberries 1 cup

Lunch

Grilled Chicken Sesame*

1/2 chicken breast
Cottage Cheese Salad*

1/2 cup
Tomato Slices 1/2 medium
Frosted Lemon Cookies* 2

Dinner

Onion Smothered Steak*
2 ounces
Moroccan Couscous*
1/2 cup
Sunshine Carrots* 1/2 cup
Dinner Roll 1
Margarine 2 teaspoons
Red Hot Jello Salad*
2/3 cup

Appetizers and Snacks

Directions:

Preheat oven to 300° F. Melt margarine in a 10×15 -inch baking pan. Stir in spices. Add cereal and toss to coat evenly. Bake for 15 minutes or until crisp. Store in a covered container.

Analysis:

Calories	184	Sodium	107
Carbohydrates	16	Potassium	104
Protein	3	Phosphorus	82
Fat	12		

Renal and Renal Diabetic Exchanges:

1 Starch1 Low PotassiumVegetable2 Fat

1 1/2 cups liquid non-dairy coffee creamer
1/2 cup frozen eggs or
1/2 cup liquid low-cholesterol egg substitute
2 tablespoons sugar
1 1/2 teaspoons vanilla
Nutmeg

Directions:

Combine first 4 ingredients in a blender or beat with an electric mixer until well mixed. Chill thoroughly. Serve with a sprinkle of nutmeg.

Analysis: Calories Carbohydrates Protein Fat	134 13 3 8	Sodium Potassium Phosphorus	88 159 53	Renal and Renal Diabetic Exchanges: 1 Milk 1 Fat
rat	0			

Onion Bagel Chips

Serves 4 8 Chips Per Serving

Ingredients:

2 3-1/2-oz plain bagels2 tablespoons margarine, melted1/2 teaspoon onion powder

Directions:

Cut each bagel in half vertically, using an electric knife. Place one bagel half, cut side down, on a flat surface; cut vertically into 8 slices. Repeat procedure with remaining bagel halves.

Place slices on baking sheet. Combine margarine and onion powder and brush over bagels.

Bake at 325°F for 20 minutes or until golden and crisp. Remove from pan; cool completely. Store in an airtight container. Makes 32 chips.

Analysis: Calories Carbohydrates Protein Fat	128 16 3 6	Sodium Potassium Phosphorus	208 24 24	Renal and Renal Diabetic Exchanges: 1 Starch 1 Fat
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Oriental Egg Rolls

Serves 14 1 Egg Roll Per Serving

Ingredients:

1 lb diced cooked chicken
1/2 lb bean sprouts
1/2 lb shredded cabbage
1 medium (1 cup) chopped onion
2 tablespoons vegetable oil
1 tablespoon low sodium soy sauce
1 clove garlic, minced
1 package (20) egg roll wrappers
Oil for frying

Directions:

Mix all ingredients except wrappers and frying oil together in a bowl. Let marinate for 30 minutes. Divide filling among the wrappers and fold as directed on wrapper package instructions. Preheat the oil to 350°F. Fry egg rolls in hot oil (1 inch or more) until golden brown. Drain on paper towels.

Analysis: Calories Carbohydrates Protein Fat	168 15 9 8	Sodium Potassium Phosphorus	152 114 57	Renal and Renal Diabetic Exchanges: 1 Starch 1 Meat 1 Fat

Parmesan Cheese Spread

Serves 7 2 Tablespoons Per Serving

Ingredients:

1 3-oz package cream
cheese
4 tablespoons margarine,
softened
1/4 teaspoon garlic powder
2 tablespoons grated
Parmesan cheese
1 tablespoon dry white
wine
1 tablespoon minced
parsley
Dash of thyme

Dash of marjoram

Directions:

Mix all ingredients until well blended. Chill for at least 4 hours. Serve with melba toast, unsalted crackers or as a stuffing for celery.

Analysis:				Renal and Renal
Calories	109	Sodium	115	Diabetic Exchanges:
Carbohydrates	1	Potassium	24	1/3 Meat
Protein	2	Phosphorus	25	2 Fat
Fat	11			

Polynesian Turkey Kabobs

Serves 15 1 Skewer Per Serving

Ingredients:

1 large red pepper, cut into 22 pieces

1 large green pepper, cut into 23 pieces

1/3 cup reserved pineapple juice

2 tablespoons margarine, melted

2 tablespoons orange marmalade

1 1/2 teaspoons ground ginger

Directions:

In a medium bowl, mix first six ingredients. Shape into 30 meatballs. Arrange on 15 8-inch wooden skewers with pineapple chunks and pepper pieces. Place on broiler pan.

In a small bowl, stir pineapple juice, margarine, marmalade and ginger until blended. Brush over kabobs. Broil 4 inches from heat source for 20 minutes, turning once and basting with sauce.

Analysis: Calories Carbohydrates Protein Fat	95 9 8 3	Sodium Potassium Phosphorus	49 187 72	Renal and Renal Diabetic Exchanges: 1 Meat 1 Low Potassium Vegetable
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2 cups graham cracker cereal
2 cups sweetened wheat puff cereal
8 cups popped popcorn, unsalted

Directions:

Mix cereals and popcorn in a microwavable bowl. Microwave on high for 1 1/2 minutes or until hot. Let stand for 5 minutes. Break into pieces. To make in an oven, mix in a metal pan with sides and bake at 350°F for 6 minutes. Cool 5 minutes and break into pieces.

Analysis: Calories Carbohydrates Protein Fat	122 20 2 4	Sodium Potassium Phosphorus	104 71 46	Renal and Renal Diabetic Exchanges: 1 Starch 1 Fat
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Snack Mix

Serves 6 cups 1 Cup Per Serving

Ingredients:

1 cup rice cereal squares
1 cup corn cereal squares
1 cup unsalted tiny pretzel twists
3 cups unsalted popped popcorn
1/3 cup margarine, melted
1/2 teaspoon garlic powder
1/2 teaspoon onion powder
1 tablespoon Parmesan cheese

Directions:

Mix cereals, pretzels and popcorn in large bowl. Combine melted margarine, garlic powder and onion powder. Pour over cereal mixture and toss to coat. Add Parmesan cheese.

Bake in 350°F oven for 7–10 minutes. Cool. Store in sealed container.

Analysis: Calories 180 Sodium Carbohydrates 19 Potassiu Protein 2.5 Phosph Fat 11	
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Spiced Pineapple Appetizer

Serves 10 5 Pieces Per Serving

Ingredients:

1/4 cup white wine vinegar
3 tablespoons sugar
2 tablespoons lime juice
1/2 teaspoon Dijon mustard
1/4 teaspoon crushed red
pepper
1/8 teaspoon garlic powder
1 20-oz can pineapple
chunks in juice,
drained

Directions:

Combine vinegar, sugar, lime juice, Dijon mustard, pepper and garlic powder in a saucepan. Bring to a boil. Reduce heat and simmer, uncovered, 3 minutes. Combine vinegar mixture and pineapple in a bowl; mix well. Serve warm with toothpicks.

Analysis: Calories Carbohydrates Protein Fat	47 12 0 0	Sodium Potassium Phosphorus	4 67 4	Renal and Renal Diabetic Exchanges: 1 Low Potassium Fruit
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Vegetable cooking spray 1/4 cup chopped onion 1 lb lean ground chuck 1/3 cup fine dry bread crumbs 1/4 cup chopped fresh parsley 1/8 teaspoon nutmeg 1/4 cup liquid non-dairy creamer 1 egg white, beaten 1/2 cup cranberries, finely chopped 2 teaspoons dry mustard 1/8 teaspoon cayenne pepper 1/2 cup grape jelly 1 teaspoon lemon juice

Directions:

Coat a small saucepan with cooking spray; place over medium heat. Add onion and sauté until tender.

Combine onion with next 6 ingredients in a bowl. Shape into 36 1-inch meatballs. Place meatballs on a baking sheet with sides which has been coated with cooking spray. Bake at 375°F for 18 minutes.

Meanwhile, prepare sauce by combining the cranberries and remaining ingredients in a small saucepan. Cook over medium heat until thoroughly heated. Place meatballs in a serving bowl and pour the sauce over. Serve with toothpicks.

Analysis: Calories 108 Carbohydrates 9 Protein 5 Fat 6	Sodium Potassium Phosphorus	38 98 44	Renal and Renal Diabetic Exchanges: 1 Meat 1 Low Potassium Fruit
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Zippy Dip

Ingredients:

1 package (8 oz) cream
cheese, softened
1/2 cup margarine, softened
3 tablespoons green onion,
chopped
2 tablespoons mayonnaise
1 tablespoon vinegar
1 1/2 teaspoons lemon juice
1 1/2 teaspoons hot dry
mustard
1 teaspoon horseradish
1 teaspoon paprika
1/2 teaspoon garlic powder
1/2 teaspoon tarragon
Dash cayenne pepper

Directions:

Blend all ingredients until thoroughly combined. Serve with unsalted crackers or raw vegetables.

Analysis:				Renal and Renal
Calories	155	Sodium	133	Diabetic Exchanges:
Carbohydrates	2	Potassium	43	1 Low Potassium
Protein	2	Phosphorus	28	Vegetable
Fat	16			3 Fat

Breakfasts **

Country Biscuits and Gravy

Serves 4 2 Biscuits & 1/3 Cup Gravy Per Serving

Ingredients:

Biscuits
1 1/2 cups flour
2 teaspoons baking powder
2 tablespoons margarine
1/3 cup liquid non-dairy
creamer
1/3 cup water

Gravy
6 oz ground beef
1/2 teaspoon sage
1/2 teaspoon pepper
1/2 teaspoon basil
1/2 teaspoon garlic powder
2 tablespoons margarine
2 tablespoons cornstarch
1 cup liquid non-dairy
creamer

Directions:

For biscuits, combine flour and baking powder in a bowl. Cut in margarine until mixture resembles coarse meal. Add creamer and water, mixing to form a dough. Knead on a floured surface 10 times. Roll dough out and cut into 8 biscuits. Bake on a greased baking sheet at 450°F for 10 to 12 minutes until golden. For gravy, mix ground beef with spices in a bowl. Brown beef in a skillet over medium heat. Drain. Set aside. In the same skillet, melt margarine over low heat. In a small bowl, mix cornstarch with 1/4 cup creamer until smooth. Add remaining creamer and stir until smooth. Add to margarine in skillet and cook over low heat, stirring constantly, until mixture thickens and bubbles. Add beef and heat thoroughly. Serve over biscuits.

Analysis: Calories 524 Sodium Carbohydrates 51 Potassium Protein 13 Phosphorus Fat 31	Renal and Renal Diabetic Exchanges: 1 Meat 2 Starch 1 Non-Dairy Milk Substitute 4 Fat
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French Toast Serves 3 2 Slices Per Serving

Ingredients:

3 eggs
3/4 cup milk
1 tablespoon sugar
1 teaspoon vanilla
1/2 teaspoon cinnamon,
optional
6 slices French bread, cut
diagonally, about
1 inch thick
1 tablespoon margarine

Directions:

Beat eggs, milk, sugar, vanilla and cinnamon (optional) together in large bowl, until sugar is dissolved. Soak bread in egg mixture until saturated. Heat margarine in skillet until melted. Cook bread over medium heat until golden brown, about 12 minutes on each side. Serve sprinkled with powdered sugar and/or with pancake syrup of your choice.

Analysis: Calories 365 Sodium Carbohydrates 47 Potassium Protein 15 Phosphorus Fat 13	551 222 206	Renal and Renal Diabetic Exchanges: 2 Starch 1 Meat 1 Milk 1/2 High Calorie 1 Salt
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Fruit and Oat Pancakes

Serves 4 2 Pancakes Per Serving

Ingredients:

1/2 cup rolled oats
1 cup flour
1 8-oz can fruit cocktail, undrained
1/2 cup liquid non-dairy creamer
1/2 teaspoon baking powder
1 egg or 1/4 cup liquid egg substitute
1 tablespoon margarine

Directions:

Combine all ingredients except margarine in a bowl. Melt margarine in a large skillet. Drop batter into skillet (about 1/4 cup per pancake) and cook over medium heat until pancakes are bubbly and dry around edges. Flip with a spatula and fry until pancakes are golden brown on the bottom.

Analysis: Calories 262 Sodium Carbohydrates 41 Potassium Protein 7 Phosphorus Fat 8	Renal and Renal Diabetic Exchanges. 198 2 Starch 186 1 Medium Potassium Fruit 1 Fat
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Directions:

In a large skillet, sauté onion and garlic in margarine until onion is soft. Add corn, cumin and cayenne. Stir to combine. Pour in eggs or egg substitute and cook over low heat, stirring occasionally, until eggs are set. Arrange corn chips on a large platter. Spoon egg mixture on chips and sprinkle with pimiento. Serve immediately.

Analysis:				Renal and Renal
Calories	214	Sodium	147	Diabetic Exchanges:
Carbohydrates	13	Potassium	240	1 Meat
Protein	9	Phosphorus	91	1 Starch
Fat	14			1 Medium Potassium
				Vegetable
				1 Fat

1 tablespoon margarine 1 green pepper, cut in strips 1 sweet red pepper, cut in strips 1 sweet yellow pepper, cut in strips 4 eggs or 1 cup lowcholesterol egg substitute 1/2 cup liquid non-dairy creamer 1/2 cup water 1/2 teaspoon basil 1/8 teaspoon cayenne pepper 1 9-inch pie shell, unbaked

Directions:

In a large skillet, sauté pepper strips in margarine until soft but not limp. In a bowl, combine eggs or egg substitute, creamer, water, basil and cayenne. Spoon peppers into unbaked pie shell. Pour egg mixture over peppers. Bake at 375°F for 50-55 minutes until a knife inserted in the center comes out clean. Let stand for 10 minutes before serving.

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Calories	201	Sodium	222
Carbohydrates	14	Potassium	163
Protein	5	Phosphorus	50
Fat	14		

Renal Exchanges:

1 Starch, 1 Low Potassium Vegetable, 2 Fat Renal Diabetic

Exhanges:

1 Starch, 1 Medium Potassium Vegetable, 2 Fat

Soups and Salads

Directions:

Mix pasta, celery, green pepper, carrot and onion in a bowl. In separate small bowl blend pepper, mayonnaise, sugar and lemon juice until smooth. Pour over pasta and vegetables and mix until well coated. Chill.

Analysis: Calories 189 Sodium Carbohydrates 12 Potassium Protein 2 Phosphorus Fat 15	111 61 31	Renal and Renal Diabetic Exchanges: 1 Starch 2 Fat
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1 lb lean ground beef
1 cup chopped onion
1/2 cup chopped green
pepper
6 oz no-salt tomato paste
2 tablespoons chili powder
1 teaspoon garlic powder
1/2 teaspoon ground cumin
1/2 teaspoon paprika
1 quart water

Directions:

In a large pot, brown the ground beef. Drain fat. Add onion and green pepper. Cook until onion is transparent. Add remaining ingredients and simmer 1 1/2 hours. Before serving, measure chili and add additional water to make 5 cups. Heat through.

Analysis: Calories 25 Carbohydrates 11 Protein 21 Fat 14	Potassium Phosphorus	118 683 182	Renal and Renal Diabetic Exchanges: 3 Meat 2 Medium Potassium Vegetable
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Cottage Cheese Salad

Serves 11 1/2 Cup Per Serving

Ingredients:

2 lb creamed cottage cheese

1 6-oz can juice packed crushed pineapple, drained

1 8-oz carton whipped cream

1 3-oz package Jell-O® — lime or raspberry

Directions:

Mix dry Jell-O® into cottage cheese. Add drained pineapple. Fold in whipped cream. Refrigerate.

Analysis:				Renal and Renal
Calories	191	Sodium	348	Diabetic Exchanges:
Carbohydrates	5	Potassium	105	2 Meat
Protein	17	Phosphorus	122	1/2 Low Potassium
Fat	11			Fruit
				1 Salt

Cranberry Frozen Salad

Serves 9 3 x 3-inch Piece Per Serving

Ingredients:

1 8-oz package cream cheese
1/2 pint whipping cream, whipped
1/2 teaspoon vanilla extract
1 16-oz can cranberry sauce

Directions:

Whip cream cheese with beater until fluffy. Fold in vanilla, whipped cream and then cranberry sauce. Put into a 9 x 9-inch pan. Freeze. Cut into squares and serve frozen.

Analysis: Calories Carbohydrates Protein Fat	255 21 2.5 19	Sodium Potassium Phosphorus	99 63 46	Renal and Renal Diabetic Exchanges: 1/2 Starch 1 Low Potassium Fruit 3 Fat
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Renal Exchanges
Regular Jell-O®:
1 Low Potassium Fruit,

1 Starch, 1 Fat

Renal Diabetic

Exchanges Diet

Jell-0®: 1 Low Potassi-

um Fruit, 1 Fat

Ingredients:

2 3-oz package raspberry Jell-O®
1 can whole cranberry sauce (not jellied)
1 cup apples, peeled and chopped
1 cup celery, chopped
1/2 cup unsalted nuts

Directions:

Mix Jell-O® according to package directions. When cool and syrupy, add cranberry sauce, apples, celery and nuts. Refrigerate until firm.

Analysis: Re	gular Jell	-O® Diet J	ell-O®
Calories	179	Calories	113
Carbohydrates	34	Carbohydrates	15
Protein	2.4	Protein	2.1
Fat	5	Fat	5
Sodium	75	Sodium	75
Potassium	93	Potassium	93
Phosphorus	26	Phosphorus	26

Cream of Corn Soup

Serves 3 1 Cup Per Serving

Ingredients:

2 tablespoons margarine
2 tablespoons flour
1/8 teaspoon pepper
1 cup water
1 cup liquid non-dairy creamer
2 jars (128 g each) strained cream-style corn baby food

Directions:

In a saucepan over low heat, melt the margarine. Add flour and pepper. Stir until smooth. Add water and non-dairy creamer gradually. Cook until mixture bubbles. Stir in corn.

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Calories	245	Sodium	164
Carbohydrates	22	Potassium	238
Protein	3	Phosphorus	85
Fat	16		

Renal and Renal Diabetic Exchanges:

2 Low Potassium Vegetable 1 Non-dairy Milk Substitute 1 Fat

Cream of Crab Soup

Serves 10 1 Cup Per Serving

Ingredients:

1 tablespoon unsalted
margarine
1/2 medium onion, chopped
1/2 lb imitation crabmeat,
shredded
1 quart low-sodium
chicken broth
1 cup non-dairy coffee
creamer
2 tablespoons cornstarch
1/8 teaspoon dillweed

Directions:

Melt margarine in a large cooking pot over moderate heat. Add onion and cook, stirring, until soft. Add crabmeat and cook 3 minutes, stirring constantly. Add chicken broth and bring to a boil. Reduce heat to low.

Combine non-dairy creamer and cornstarch in a bowl. Stir until smooth. Add to soup and increase heat to moderate, stirring constantly, until mixture comes to a boil and thickens. Stir in dillweed.

Analysis: Calories Carbohydrates Protein Fat	87 7 4 5	Sodium Potassium Phosphorus	241 80 82	Renal and Renal Diabetic Exchanges: 1 Low Potassium Vegetable 1 Fat

Lemon Curry Chicken Salad

Serves 4 1 Cup Per Serving

Ingredients:

1/4 cup oil
4 tablespoons frozen
lemonade concentrate,
thawed
1/4 teaspoon ground ginger
1/4 teaspoon curry powder
1/8 teaspoon garlic powder
1 1/2 cups cooked diced
chicken
1 1/2 cups grapes, halved
1/2 cup sliced celery

Directions:

In a large bowl, combine oil, lemonade concentrate and spices. Add remaining ingredients and toss lightly. Chill.

Analysis:				Renal and Renal
Calories	307	Sodium	57	Diabetic Exchanges:
Carbohydrates	15	Potassium	235	2 Meat
Protein	17	Phosphorus	119	1 Starch
Fat	20			2 Fat

4 cups cooked small shell macaroni 1 tablespoon olive oil 2 cups fresh green beans, cut in 1-inch pieces 1/2 cup lemon juice 1/3 cup olive oil 2 teaspoons dry mustard 1 tablespoon chopped fresh parsley 1 teaspoon basil 1 7-3/4-oz can tuna packed in water, drained 5 green onions, chopped, including tops

1/4 teaspoon pepper

Directions:

Toss pasta with 1 tablespoon olive oil in a bowl. Set aside. Blanch green beans by dropping into boiling water for 2 minutes. Transfer to a colander and chill under cold running water. Drain.

In a large bowl, combine beans, lemon juice, 1/3 cup olive oil, mustard, parsley and basil. Add tuna, green onions, pasta and pepper. Toss, then cover and chill at least 1 to 2 hours.

Analysis: Calories 304 Sodium Carbohydrates 25 Potassium Protein 15 Phosphorus Fat 16	Renal and Renal Diabetic Exchanges: 293 2 Meat 130 1 Starch 1 Low Potassium Vegetable 1 Fat
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Poppy Seed Dressing

Serves 16 1 Tablespoon Per Serving

Ingredients:

1/4 cup plus 2 tablespoons wine vinegar
2 tablespoons lemon juice
5 tablespoons sugar
1 teaspoon dry mustard
1/4 small onion, minced
1/2 cup oil
1 tablespoon poppy seeds

Directions:

Mix all ingredients together. Serve with salad of your choice.

			Renal and Renal
82	Sodium	0	Diabetic Exchanges:
5	Potassium	18	2 Fat
0	Phosphorus	8	
7			
	_	5 Potassium	5 Potassium 18

Red Hot Jell-0° Salad

Serves 6 2/3 Cup Per Serving

Ingredients:

1/4 cup cinnamon red hots
1/2 cup water
1 package (3 oz) cherry
Jell-O®
1 cup boiling water
2 cups apples, peeled and
chopped
1/2 cup celery, chopped

Directions:

Soak red hots in water overnight. Dissolve Jell-O® in boiling water. Add red hot liquid. Chill until partially set. Stir in apples and celery. Chill until firm.

Analysis:

Calories	113	Sodium	48
Carbohydrates	22	Potassium	43
Protein	1.2	Phosphorus	6
Fat	0		

Renal Exchanges:

1 High Calorie 1/2 Low Potassium Vegetable *Renal Diabetic Exhanges:* 1 Starch 1 High Calorie

Meat, Chicken and Seafood Entrees

Baked Halibut

Serves 7 3 Ounces Per Serving

Ingredients:

1 1/2 lb halibut steaks 1/4 cup mayonnaise 3/4 cup bread crumbs Lemon slices dipped in paprika

Directions:

Preheat oven to 400°F. Cut steaks away from bone in center, into serving-size pieces. Cover entirely with mayonnaise. Roll in bread crumbs. Place in buttered baking pan. Bake in preheated oven about 15 minutes or until fish flakes when tested with a fork. Place on heated serving platter. Garnish with lemon slices.

Analysis: Calories Carbohydrates Protein Fat	205 8 22 9	Sodium Potassium Phosphorus	176 456 233	Renal and Renal Diabetic Exchanges: 3 Meat 1 Milk
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Broiled Garlic Shrimp

Serves 5 About 2 1/2 Ounces Shrimp Per Serving

Ingredients:

1 lb shrimp in shells
1/2 cup unsalted margarine, melted
2 teaspoons lemon juice
2 tablespoons chopped onion
1 clove garlic, minced
1/8 teaspoon pepper
1 tablespoon fresh parsley, chopped

Directions:

Preheat broiler. Wash, peel and dry shrimp. Pour margarine in a shallow baking pan and add lemon juice, onion, garlic and pepper. Add shrimp and toss to coat. Broil for 5 minutes. Turn and broil for 5 more minutes. Serve on platter with strained pan juices. Sprinkle with parsley.

Analysis: Calories Carbohydrates Protein Fat	264 2 19 20	Sodium Potassium Phosphorus	135 189 192	Renal and Renal Diabetic Exchanges: 2 Meat 1 Starch 1 Low Potassium Vegetable
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Directions:

Combine paprika, 1/4 teaspoon garlic powder, thyme, mustard, sage, cumin and pepper on waxed paper. Coat both sides of pork chops with this mixture. Arrange chops in a single layer on an 8-inch square microwave-safe dish. Top each chop with onion slices. Cover with waxed paper. Microwave on high 5 minutes. Rotate dish and microwave on low (30%) for 25 to 30 minutes or until tender, rotating once during this period. Let rest while preparing sauce. Combine margarine, parsley, 1/8 teaspoon garlic powder and pepper sauce in a small glass bowl. Microwave on high for 30 to 40 seconds until melted. Spoon over chops before serving.

Carbonyarates	um 75 ssium 447 phorus 245	Renal and Renal Diabetic Exchanges: 3 Meat 1 Medium Potassium Vegetable 1 Fat
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1 tablespoon flour
1/4 teaspoon pepper
1 lb chicken breast meat
6 tablespoons unsalted
margarine
1/4 cup white wine
1/2 cup water
1 teaspoon parsley
1/4 teaspoon pepper
1 bay leaf
2 tablespoons orange
marmalade
1 cup halved white grapes

Directions:

Combine flour and 1/4 teaspoon pepper. Lightly dust chicken. Sauté chicken in margarine in a large skillet until golden brown on all sides. Add remaining ingredients except grapes. Cover and simmer 25 minutes, until tender. Transfer chicken to serving platter. Add grapes to gravy and cook for 2 minutes, stirring constantly. Pour over chicken.

Analysis: Calories 275 Sodium Carbohydrates 13 Potassium Protein 22 Phosphorus Fat 15	Renal and Renal Diabetic Exchanges: 3 Meat 179 1 Low Potassium Fruit
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1 1/2 lb white fish fillets
1 teaspoon garlic powder
1/2 teaspoon lemon pepper
2 tablespoons oil
1/2 cup low-sodium chicken broth
1/4 cup no-salt-added tomato sauce
1 teaspoon capers
1/2 medium green pepper, cut into rings
1/2 medium red pepper, cut into rings

Directions:

Cut fish into 4-inch pieces. Sprinkle with garlic powder and lemon pepper. Cook fish in oil in a large skillet over medium heat for 5 minutes, turning often. Add broth, tomato sauce and capers. Reduce heat, cover and simmer 10 minutes. Top with pepper rings and cook 5 minutes longer, until fish flakes easily with a fork and peppers are tender.

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Calories	205	Sodium	104
Carbohydrates	8	Potassium	561
Protein	23	Phosphorus	351
Fat	11		

Renal Exchanges: 3 Meat, 1 High

Potassium Vegetable

**Renal Diabetic

**Exhanges: 3 Meat,
2 Medium Potassium

Vegetable

Grilled Chicken Sesame

Serves 4 1 Chicken Breast Half Per Serving

Ingredients:

1 tablespoon sesame seeds, toasted

2 teaspoons grated ginger

2 tablespoons honey

1 tablespoon reducedsodium soy sauce

1 tablespoon sherry

4 4-oz skinned, boned chicken breast halves Vegetable cooking spray

Directions:

Combine first 5 ingredients in a small bowl. Set aside. Flatten chicken pieces to 1/4-inch thickness using a mallet or rolling pin.

Spray grill with cooking spray. Grill chicken over medium-hot coals 4 minutes each side, basting frequently with soy sauce mixture. Transfer to serving platter.

Analysis:				Renal and Renal
Calories	179	Sodium	235	Diabetic Exchanges:
Carbohydrates	11	Potassium	302	3 Meat
Protein	27	Phosphorus	232	1 Low Potassium Fruit
Fat	3			

Grilled Marinated Beef Steak

Serves 6 3 Ounces Steak Per Serving

Ingredients:

1 1/2 lb chuck steak
1 can (12 oz) beer
1/2 cup sliced green onion
1/4 cup chopped green
pepper
2 tablespoons vinegar
1 tablespoon teriyaki sauce
2 tablespoons sugar
2 cloves garlic, minced
1/4 teaspoon pepper

Directions:

Place steak in a large shallow dish. Combine remaining ingredients and pour over steak. Marinate 6 to 8 hours in the refrigerator, turning at least once to let flavors penetrate. Drain the marinade from the steak; reserve. Broil steak over medium coals for 15 to 20 minutes to desired doneness, brushing steak occasionally with reserved marinade.

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Calories 201 Sodium 196 Carbohydrates 12 Potassium 484 Protein 25 Phosphorus 247 Fat 6

Renal Exchanges:

3 Meat, 1 Medium Potassium Vegetable Renal Diabetic Exchanges:

3 Meat, 2 Low Potassium Vegetable

8 1-1/2 inch thick pieces of salmon, halibut or other white fish (24 oz)

1/2 cup mayonnaise

1/2 cup sour cream

1/4 cup grated Parmesan cheese

4 tablespoons chives, chopped

2 tablespoons parsley, chopped

1/2 teaspoon onion powder

1/2 teaspoon dried dill

1/2 teaspoon dry mustard

Fresh ground pepper to taste

Directions:

Place uncooked fish fillets in a buttered shallow baking pan. Blend all remaining ingredients by hand. Spread mixture on top of fillets. Bake at 350°F for 20 minutes or until fish flakes.

Analysis:			
Calories	244	Sodium	202
Carbohydrates	1	Potassium	316
Protein	19	Phosphorus	239

Fat 18

Renal and Renal Diabetic Exchanges:

3 Meat 2 Fat

2 tablespoons margarine 8 medium skinless, boneless chicken breast halves (about 1 1/2 lb) 2 cups fresh mushrooms, halved 2 cloves garlic, minced 3 tablespoons dry sherry 1/2 teaspoon dried tarragon, crushed 1/2 teaspoon lemon pepper seasoning 1 3/4 cups salt-free chicken broth 1/3 cup flour 1/4 cup sour cream Hot cooked noodles

Directions:

In a 12-inch skillet melt margarine over medium heat. Add chicken, mushrooms, garlic, sherry, tarragon and lemon pepper seasoning. Cook, uncovered, for 10 to 12 minutes or until chicken is no longer pink, turning once. Remove chicken and mushrooms with a slotted spoon. In a screw top jar combine chicken broth and flour and shake till blended. Add mixture to the skillet. Cook and stir over medium high heat until thick and bubbly. Remove about 1/2 cup mixture from skillet and stir into sour cream. Return to skillet along with chicken and mushrooms. Heat through (do not boil). Serve over hot cooked noodles. Count noodles as starch exchange.

Analysis without noodles:				Renal and Renal
Calories Carbohydrates Protein Fat	151 5 20 5	Sodium Potassium Phosphorus	72 306 181	Diabetic Exchanges: 3 Meat 1 Low Potassium Vegetable

Meat Loaf

Ingredients:

2 beaten eggs
3/4 cup milk
2/3 cup bread crumbs
2 tablespoons onions
1/2 teaspoon sage
1 1/2 lbs ground beef
1/2 cup fresh sliced
mushrooms
Topping
1/4 cup salt-free ketchup
2 tablespoons brown sugar
1 teaspoon dry mustard
1/4 teaspoon nutmeg
1/4 cup shredded cheddar
cheese

Serves 8 3 Ounces Per Serving

Directions:

Mix all the meat loaf ingredients together and pat into a loaf pan. Bake 1 hour at 350°F. Take out of oven and pour off grease. Mix first four topping ingredients together and put on top of meat loaf. Sprinkle with cheese. Bake until cheese melts.

Analysis:				Renal and Renal
Calories	335	Sodium	177	Diabetic Exchanges:
Carbohydrates	14	Potassium	416	3 Meat,1/2 Starch,
Protein	26	Phosphorus	223	1 Low Potassium
Fat	19			Vegetable, 1 Fat

Directions:

Cut steak into 8 equal servings. Combine flour and pepper and pound into meat. Heat oil in a skillet and brown meat on both sides. Remove from skillet and set aside.

Combine water, vinegar, garlic, bay leaf and thyme in the skillet. Bring to a boil. Place meat into this mixture and cover with sliced onions. Cover and simmer 1 hour.

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Calories	271	Sodium	45
Carbohydrates	7	Potassium	369
Protein	18	Phosphorus	180
Fat	19		

Renal and Renal Diabetic Exchanges:

2 Meat, 1 LowPotassium Vegetable,1 Medium PotassiumVegetable, 2 Fat

1 3-lb broiled-fryer chicken, cut up
1/4 cup shortening
1/4 cup margarine
1/2 cup flour
1 teaspoon paprika
1/2 teaspoon pepper
1/2 teaspoon onion powder

Directions:

Preheat oven to 425°F. Wash chicken and pat dry. In oven, melt shortening and margarine in baking pan, 13 x 9 x 2 inches. In medium bowl, mix flour, paprika, pepper and onion powder. Coat chicken pieces thoroughly with flour mixture. Place chicken skin side down in melted shortening. Cook uncovered 30 minutes. Turn chicken and cook 30 minutes longer or until thickest pieces are fork tender.

Analysis: Calories Carbohydrates Protein Fat	186 2 21 10	Sodium Potassium Phosphorus	119 232 172	Renal and Renal Diabetic Exchanges: 3 Meat

Pork With Julienne Vegetables

Serves 4 1 Cutlet, 3/4 Cup Vegetables Per Serving

Ingredients:

4 pork cutlets, 4 oz each (1/2-inch thick) 2 tablespoons flour 1/2 teaspoon salt-free seasoning 3 tablespoons plus 1 teaspoon margarine 1/3 cup dry white wine 2 tablespoons lemon juice 2 cups julienne zucchini strips 1 cup julienne summer squash strips 1/2 cup red bell pepper strips 1 clove garlic, minced 1/4 teaspoon basil 1/8 teaspoon pepper

Directions:

Pound each cutlet to 1/4-inch thick. Combine flour and salt-free seasoning. Dredge cutlets in flour mixture. Braise cutlets in 2 tablespoons margarine in a large skillet over medium-high heat for 5 minutes on each side. Transfer to platter; keep warm. Add wine and lemon juice to pan juices. Heat until reduced to 1/4 cup. Stir in 1 teaspoon margarine. Pour sauce over cutlets. Keep warm. Place vegetables and 1 tablespoon margarine in skillet. Add garlic, basil and pepper. Cook and stir for 3 or 4 minutes over high heat. Transfer to platter with pork.

Analysis: Calories Carbohydrates Protein Fat	403 9 20 32	Sodium Potassium Phosphorus	130 388 218	Renal and Renal Diabetic Exchanges: 3 Meat 1 Low Potassium Vegetable 4 Fat
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Dough

1/2 package (1 1/4 teaspoon)
dry yeast
1 cup warm water
1 tablespoon oil
1 tablespoon sugar
2 cups flour

Sauce

3 oz no-salt tomato paste
1/2 cup water
1/4 teaspoon garlic powder
1/2 teaspoon oregano
1 tablespoon sugar
1 tablespoon oil
1/4 cup chopped onion
1/4 cup chopped green
pepper
1/2 lb cooked ground beef,
well drained
6 oz mozzarella cheese,

shredded

Directions:

Dissolve yeast in warm water. Stir in 1 tablespoon oil, 1 tablespoon sugar and enough flour to make a soft dough. Stir 20 strokes. Place in a greased bowl, turn to moisten all surfaces, cover and let set in warm area.

Combine tomato paste, 1/2 cup water, garlic powder, oregano, 1 tablespoon sugar and 1 tablespoon oil in a small saucepan. Simmer 5 minutes.

Grease a 17 x 14-inch baking sheet. Press dough over sheet to edges. Cover with sauce. Top with onion, green pepper, beef and cheese. Bake at 400°F for 20 to 30 minutes until dough and cheese are golden brown. Cut into 12 pieces.

Analysis: Calories 201 Sodium Carbohydrates 19 Potassium Protein 11 Phosphorus Fat 9		
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Scampi Linguini

Serves 4 About 1/2 Cup Per Serving

Ingredients:

1 tablespoon olive oil
1 clove garlic, minced
1/2 lb shrimp, peeled and cleaned
1/4 cup dry white wine
1 tablespoon lemon juice
1/2 teaspoon basil
1 tablespoon chopped fresh parsley
4 oz dry linguini

Directions:

Heat oil in a large skillet. Add garlic and shrimp. Cook and stir until shrimp turns pink. Add wine, lemon juice, basil and parsley.

Cook 5 minutes longer. Meanwhile, boil linguini in unsalted water until tender. Drain. Serve the linguini topped with the shrimp and any remaining liquid.

Analysis:				Renal Exchanges:
Calories Carbohydrates	208 26	Sodium Potassium	86 189	2 Meat, 1 Starch, 1/2 High Calorie
Protein Fat	15 5	Phosphorus	167	Renal Diabetic Exchanges: 2 Meat, 1 Starch, 1 Low Potassium Fruit

Spanish Paella

Ingredients:

1/2 lb boned, skinned chicken breasts, cut into 1/2-inch pieces 1/4 cup water 1 10-1/2-oz can low-sodium chicken broth 1/2 lb medium-size shrimp, peeled and cleaned 1/2 cup frozen green peas 1/3 cup chopped red bell pepper 1/3 cup thinly sliced green onion 2 cloves garlic, minced 1/4 teaspoon pepper Dash ground saffron 1 cup uncooked instant white rice

Directions:

Combine first 3 ingredients in a 2-quart casserole, top with lid. Microwave on high for 4 to 5 minutes. Stir in shrimp and next 6 ingredients. Cover and microwave on high for 3 1/2 to 4 1/2 minutes or until shrimp turns pink. Stir in rice. Cover and let stand 5 minutes or until rice is tender.

Analysis: Calories Carbohydrates Protein Fat	163 24 15 1	Sodium Potassium Phosphorus	86 178 144	Renal and Renal Diabetic Exchanges: 2 Meat, 1 Starch, 1 Low Potassium Vegetable
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1 20-oz can pineapple chunks, juice pack 1/2 cup sugar 2 tablespoons cornstarch 1/2 cup vinegar 2 tablespoons orange marmalade 1/4 cup margarine 1 lb boned, skinned chicken breasts, cut into 1/2-inch cubes 1 green pepper, sliced 1 medium onion, thinly sliced and separated into rings 3 cups hot cooked white rice

Directions:

Drain pineapple, reserving 1/3 cup juice. Combine sugar and cornstarch. Mix in pineapple, reserved juice, vinegar and orange marmalade. Set aside. Melt margarine in a wok or large skillet. Add chicken and cook 5 minutes, stirring frequently. Add green pepper and onion and cook 2 minutes. Add pineapple mixture. Bring to a boil, stirring occasionally. Serve over rice. Count rice as starch exchange.

Analysis without rice: Calories 433 Sodi

Calories	433	Sodium	157
Carbohydrates	67	Potassium	427
Protein	21	Phosphorus	192
Fat	9		

Renal and Renal Diabetic Exchanges:

1 Starch1 Medium PotassiumFruit1 High Calorie

2 Meat

Turkey Fajitas

Ingredients:

1 lb boneless turkey breast 1/4 teaspoon pepper 1 clove garlic, minced 1 teaspoon chili powder 2 tablespoons lime juice 1 tablespoon chopped fresh cilantro (coriander) 1 tablespoon oil 1 cup chopped tomato 2 tablespoons chopped fresh cilantro 1 tablespoon chopped red onion 1/4 teaspoon minced garlic 10 7-inch flour tortillas 3 cups shredded lettuce 1/2 cup light sour cream

Serves 10 About 1 1/2 Ounces Turkey, 1 1/2 Tablespoons Salsa, 1 Tortilla, 1/3 Cup Lettuce, and 2 Teaspoons Sour Cream Per Serving

Directions:

Sprinkle turkey with pepper, 1 clove minced garlic, chili powder, lime juice, 1 tablespoon cilantro and oil. Turn to coat. Cover and marinate in refrigerator 3 hours or more.

To make salsa, combine tomato, 2 tablespoons cilantro, onion and 1/4 teaspoon garlic in a small bowl. Let stand 1 hour.

Broil turkey 6 inches from heat for 10 minutes each side. Cut into strips. While turkey cooks, wrap tortillas in aluminum foil and warm in oven for 8 minutes. To serve, wrap turkey, salsa, lettuce and sour cream in warm tortillas.

Analysis: Calories Carbohydrates Protein Fat	208 19 13 9	Sodium Potassium Phosphorus	192 204 129	Renal and Renal Diabetic Exchanges: 2 Meat 1 Starch
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Rice, Pasta, Stuffing

Directions:

In a medium saucepan, melt margarine over moderate heat. Add onion and cook for about 5 minutes or until soft. Add barley and rice and cook, stirring for 1 minute. Add remaining ingredients and bring to boil. Reduce heat and simmer, covered, for 15 minutes or until liquid is absorbed.

Analysis: Calories 171 Carbohydrates 30 Protein 4 Fat 4	Sodium Potassium Phosphorus	83 186 80	Renal and Renal Diabetic Exchanges: 2 Starch 1 Medium Potassium Vegetable
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Egg Fried Rice

Serves 6 1 Cup Per Serving

Ingredients:

3 tablespoons oil
2 cloves garlic, minced
1/4 cup chopped green onion
1/2 cup cooked chopped
 pork
4 cups cooked rice
1 teaspoon low-sodium soy
 sauce
1/2 cup frozen green peas
6 eggs or 1 1/2 cups
 low-cholesterol egg
 substitute, scrambled
 and chopped
1/4 teaspoon dry mustard

Directions:

Fat

Heat oil in large skillet over moderate heat. Add garlic and cook until soft. Stir in onion and cook for 2 minutes. Add pork, rice and soy sauce. Stir and cook for 3 minutes. Add remaining ingredients; cook until heated thoroughly.

Analysis: Calories 270 Sodium 118 Carbohydrates 38 Potassium 202 Protein 12 Phosphorus 173

Renal and Renal Diabetic Exchanges: 2 Starch

1 Meat 1 Fat

1 Low Potassium Vegetable

Festive Cranberry Stuffing

Serves 10 1/2 Cup Per Serving

Ingredients:

3 cups soft, stale bread
crumbs
1 cup diced, peeled, tart
apples
1/2 cup diced raw cranberries
1/4 cup chopped celery
1/4 teaspoon poultry
seasoning
1/4 cup apple juice
2 tablespoons unsalted
margarine, melted

Directions:

Preheat oven to 350°F. Combine all ingredients in a large bowl and toss to mix. Place in a lightly greased casserole dish. Bake for 30 minutes.

Analysis:				Renal and Renal
Calories	150	Sodium	243	Diabetic Exchanges:
Carbohydrates	25	Potassium	79	1 Starch
Protein	4	Phosphorus	45	1 Low Potassium Fruit
Fat	4			1 Fat

Directions:

In a large saucepan, melt margarine over moderate heat. Add onion and celery; cook about 6 minutes, or until tender. Add the remaining ingredients and toss to mix. Stuff in a 10 to 12 lb turkey or bake in a covered casserole dish at 325°F for 1 hour.

Analysis:				Renal and Renal
Calories	202	Sodium	126	Diabetic Exchanges:
Carbohydrates	22	Potassium	76	1 Starch
Protein	2	Phosphorus	32	1 Low Potassium
Fat	12			Vegetable
				2 Fat

Moroccan Couscous

Serves 4 1/2 Cup Per Serving

Ingredients:

2 tablespoons chopped onion
1/2 tablespoon margarine or olive oil
1 cup water
2/3 cup dry couscous

Directions:

Sauté chopped onion in the margarine or olive oil until tender. In medium saucepan bring water to a boil. Stir in couscous and onion. Let stand 5 minutes. Fluff lightly with fork before serving.

Analysis:				Renal and Renal
Calories	115	Sodium	24	Diabetic Exchanges:
Carbohydrates	21	Potassium	61	1 1/2 Starch
Protein	3.5	Phosphorus	22	,
Fat	2			
,				

1 1/3 cups (8 oz) dry orzo
pasta
3 quarts water
2 teaspoons olive oil
1/2 teaspoon garlic powder
1/2 teaspoon Italian
seasoning (blend of
marjoram, thyme, rosemary, savory, sage,
oregano and basil)
1 tablespoon grated
Parmesan cheese

Directions:

Bring the 3 quarts of water to a rolling boil. Add orzo pasta to water and stir. Return to a boil and cook, uncovered, 9 to 11 minutes. For best results, avoid overcooking. Remove from heat and drain well in colander. Pour drained pasta into serving bowl. Add olive oil, garlic powder, Italian seasoning and Parmesan cheese. Toss gently and serve as a side dish accompaniment as you would any other pasta.

Analysis:				Renal and Renal
Calories	137	Sodium	20	Diabetic Exchanges:
Carbohydrates	27	Potassium	76	2 Starch
Protein	6.5	Phosphorus	92	
Fat	3	_		

1/4 cup olive oil
1/4 cup grated Parmesan cheese
1/4 cup chopped fresh parsley
2 tablespoons dried basil
1 clove garlic, minced
1 lb pasta, uncooked

Directions:

Combine all ingredients except pasta in a blender or food processor. Blend or process until smooth.

Cook pasta in unsalted boiling water according to package directions. Toss sauce with drained pasta. Serve hot.

Analysis:				Renal and Renal
Calories	283	Sodium	45	Diabetic Exchanges:
Carbohydrates	45	Potassium	146	1 Starch
Protein	8	Phosphorus	115	1 Low Potassium
Fat	8			Vegetable
				15 Fat

Wegetables **

3 cups broccoli, raw
2 cups cauliflower, raw
1 cup frozen whole small
onions or 3 medium
onions quartered
1 cup carrots
4 tablespoons butter
2 tablespoons flour
Dash pepper
1 cup milk
1 package (3 oz) cream
cheese, softened
1/2 cup sharp cheddar
cheese, shredded
1/2 cup soft bread crumbs

Directions:

Wash and cut vegetables; steam until crisp but tender. Drain. In saucepan, melt 2 tablespoons of the butter; blend in flour and pepper. Add milk. Cook and stir until bubbly and thick. Reduce heat; blend in cream cheese until smooth. Place vegetables in 1 1/2-quart casserole dish. Pour sauce over and mix lightly. Top with shredded cheese. Bake 15 minutes at 350°F. Mix together the bread crumbs and remaining butter and sprinkle on casserole. Bake an additional 25 minutes.

	Analysis:				Renal and Renal
	Calories	116	Sodium	130	Diabetic Exchanges:
	Carbohydrates	7	Potassium	225	1 Medium Vegetable
	Protein	3.9	Phosphorus	83	1/2 Meat
	Fat	9			1 Fat
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Broccoli Blossom

Serves 2 1/2 English Muffin and 3/4 Cup Vegetable Topping Per Serving

Ingredients:

1/4 cup chopped onion
1 cup chopped red cabbage
1/2 cup chopped broccoli
1 tablespoon oil
2 to 3 tablespoons water
1/4 teaspoon tarragon
1/4 teaspoon garlic powder
1/4 teaspoon onion powder
Black pepper
Red pepper
1 English muffin, split and toasted
2 tablespoons grated
Parmesan cheese

Directions:

Stir-fry vegetables in oil in a large skillet or wok over medium heat for 2 to 3 minutes. Add water and cover. Steam for 5 minutes. Add spices during last 2 minutes. Serve over English muffin halves. Sprinkle with Parmesan cheese.

Analysis:				Renal and Renal
Calories	174	Sodium	287	Diabetic Exchanges:
Carbohydrates	17	Potassium	339	1 Starch
Protein	6	Phosphorus	108	1 High Potassium
Fat	9			Vegetable
				1 Fat

1 pint fresh okra, cut into
1-inch segments, or
1 16-oz package
frozen okra
1/2 cup flour
1/2 cup cornmeal
1/4 teaspoon pepper
2 tablespoons margarine
1 cup beer or water

Directions:

Thaw okra if frozen. In a medium bowl, combine flour, cornmeal and pepper. Cut in margarine until crumbly. Dip okra in beer or water, then roll in cornmeal mixture to coat. Place on a greased baking sheet. Bake at 350°F for 20 minutes or until golden brown. Serve hot with toothpicks and low-sodium ketchup.

Analysis:

Calories 215 Sodium 56
Carbohydrates 36 Potassium 208
Protein 4 Phosphorus 71
Fat 6

Renal Exchanges:
2 Starch, 1 Medium
Potassium Vegetable
Renal Diabetic
Exchanges: 2 Starch,
1 Medium Potassium
Vegetable, 1 Fat

2 tablespoons sugar
1 tablespoon minced onion
1/2 teaspoon caraway seed
1/2 teaspoon dry mustard
1/4 teaspoon pepper
3 tablespoons vinegar
2 tablespoons margarine
4 cups shredded red cabbage
1 cup unpeeled diced green
apple

Directions:

Combine sugar, onion, caraway seed, dry mustard, pepper and vinegar in a bowl. Mix well and set aside. Melt margarine in a large skillet. Sauté cabbage and apple in skillet over medium heat for 3 minutes. Stir in vinegar mixture and simmer over low heat for 5 minutes, stirring occasionally, until cabbage is tender.

Analysis: Calories Carbohydrates Protein Fat	77 9 1 4	Sodium Potassium Phosphorus	36 128 26	Renal and Renal Diabetic Exchanges: 1 Medium Potassium Vegetable 1 Fat
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Steamed Green Beans

Serves 4 1/2 Cup Per Serving

Ingredients:

1 tablespoon vegetable oil
1 pound green beans, trimmed
1/2 cup diced sweet red pepper
2 tablespoons water
1/2 teaspoon basil
1/4 teaspoon pepper
1 tablespoon lemon juice

Directions:

In 12-inch heavy skillet with tight-fitting lid, place all ingredients except lemon juice. Cover and cook over medium heat, shaking pan occasionally to prevent sticking, 15 minutes or until tender-crisp. Toss with lemon juice.

Analysis:				Renal and Renal
Calories	47	Sodium	5	Diabetic Exchanges:
Carbohydrates	6	Potassium	180	1 Medium Potassium
Protein	1.5	Phosphorus	31	Vegetable
Fat	2			

Summer Vegetable Sauté

Serves 6 1/2 Cup Per Serving

Ingredients:

Directions:

Heat margarine in a large skillet. Add remaining ingredients and sauté until vegetables are tender, about 15 minutes.

Analysis:				Renal and Renal
Calories	81	Sodium	38	Diabetic Exchanges:
Carbohydrates	9	Potassium	175	2 Low Potassium
Protein	2	Phosphorus	38	Vegetable
Fat	4			1 Fat

3 cups sliced carrots
1 tablespoon sugar
2 tablespoons margarine
1 tablespoon lemon juice
1/4 teaspoon grated lemon peel
1 teaspoon fresh parsley, chopped

Directions:

Cook carrots in boiling water until tender; drain well. Add sugar, margarine, lemon juice and lemon peel. Heat and stir until margarine is melted. Stir in parsley.

Analysis:				Renal and Renal
Calories	67	Sodium	20	Diabetic Exchanges:
Carbohydrates	7	Potassium	186	1 Medium Potassium
Protein	0.5	Phosphorus	26	Vegetable
Fat	4			1 Fat
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Breads **

Serves 16 1/8 of a Half-Loaf Per Serving

Garlic Bread

Ingredients:

3 tablespoons vegetable oil 4 cloves garlic, minced 2 teaspoons paprika Dash cayenne pepper 1 teaspoon lemon juice 2 tablespoons grated Parmesan cheese 3/4 cup mayonnaise 1 loaf (1 lb) French bread 1 teaspoon Italian herbs

Directions:

Pour oil into a small bowl. Add garlic to oil and let stand overnight. Next day, strain garlic from oil, reserving oil. Discard garlic. Add paprika, cayenne, lemon juice and Parmesan. Mix well. Stir in mayonnaise. Slice loaf of bread in half lengthwise. Spread each half generously with garlic spread. Place both halves under the broiler and broil until golden brown. Serve hot.

Analysis: Calories Carbohydrates Protein Fat	175 14 3 12	Sodium Potassium Phosphorus	153 38 31	Renal and Renal Diabetic Exchanges: 1 Starch 2 Fat

Gingerbread

Ingredients:

2 teaspoons lemon juice or vinegar
1/2 cup skim milk
1 egg
1 tablespoon brown sugar
2 tablespoons brown sugar substitute
2 tablespoons molasses
1 tablespoon margarine
1 cup sifted flour
1/2 teaspoon baking soda
1/4 teaspoon cinnamon
1 1/2 teaspoons ginger
Pinch of cloves

Directions:

In a small bowl, add 2 teaspoons lemon juice or vinegar to 1/2 cup skim milk to make sour milk. Set aside. Beat egg with sugar, sugar substitute and molasses until fluffy. Mix sour milk, margarine, sifted flour, baking soda and spices together. Add egg and sugar mixture and beat until smooth. Bake in an 8-inch greased pan at 350°F for 25 to 30 minutes.

Serves 12 2 x 2 1/2-inch Pieces Per Serving

Analysis:				Renal and Renal
Calories	71	Sodium	71	Diabetic Exchanges:
Carbohydrates	12	Potassium	71	1 Starch
Protein	2	Phosphorus	28	
Fat	2			

1/3 cup sugar
1/3 cup margarine
2 eggs
2 cups flour
3 teaspoons baking powder
1 cup crushed pineapple in juice, undrained
6 maraschino cherries, chopped

Directions:

Beat sugar and margarine until light and fluffy. Add eggs and mix well. Mix flour and baking powder together. Combine sugar and flour mixtures. Blend. Add pineapple and cherries and mix to combine. Pour into greased 9 x 5-inch pan. Bake at 350°F for 1 hour. Cut into 20 slices.

Analysis: Calories Carbohydrates Protein Fat	103 15 2 4	Sodium Potassium Phosphorus	133 38 94	Renal and Renal Diabetic Exchanges: 1 Starch 1 Fat
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1 1/3 cups flour
1 1/2 teaspoons baking powder
1 cup fresh or frozen raspberries
1/4 cup margarine
1/2 cup sugar
1 egg
1/2 cup liquid non-dairy creamer
1/4 cup brown sugar
1/4 cup flour
2 tablespoons margarine
2 teaspoons cinnamon

Directions:

Preheat oven to 375°F. Line 16 muffin cups with paper liners.

Mix 1 1/3 cups flour and baking powder in a small bowl. Stir in raspberries. In a medium bowl, beat 1/4 cup margarine with sugar and egg. Blend in creamer. Stir in flour mixture, just until moistened. Spoon into 16 muffin cups.

In a small bowl, mix brown sugar, 1/4 cup flour, 2 tablespoons margarine and cinnamon. Sprinkle over muffins. Bake 15 to 18 minutes.

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Calories	138	Sodium	111
Carbohydrates	19	Potassium	56
Protein	2	Phosphorus	69
Fat	6		

Renal and Renal Diabetic Exchanges:

1 Starch 1 Fat

Soft Pretzels

Divections:

Ingredients:

1 package dry yeast3/4 cup warm water1 tablespoon sugar2 cups flour2 tablespoons milk1 tablespoon sesame seeds

In a large bowl, mix yeast and warm water. Mix in sugar. Beat in flour. Knead in bowl until smooth, about 10 minutes. Place dough on a floured board and divide into 12 equal pieces. Roll each piece into a rope 12 inches long. Shape each rope into a pretzel. Place on a greased baking sheet, brush with milk and sprinkle with sesame seeds. Bake at 425°F for 12 to 15 minutes or until browned.

Serves 12 1 Pretzel Per Serving

Calories 86 Sodium 3 Carbohydrates 16 Potassium 61 Protein 3 Phosphorus 48 Fat 1

Directions:

Beat eggs. Mix sugar, applesauce, zucchini and vanilla into eggs. Sift dry ingredients together and add to mixture. Pour into a loaf pan and bake at 375°F for 1 hour. Cut into 16 slices.

Analysis:				Renal and Renal
Calories	202	Sodium	69	Diabetic Exchanges:
Carbohydrates	34	Potassium	110	2 Starch
Protein	3.7	Phosphorus	62	1 Low Potassium
Fat	6			Vegetable
				1 Fat

Desserts **

Apple Cake With Warm Honey Sauce

Serves 9 1 3-inch Square of Cake With 2 1/2 Tablespoons Sauce Per Serving

Ingredients:

1/3 cup lemon juice 3 cups diced peeled apples 3 tablespoons margarine 1/2 cup sugar 1/2 cup honey 1 egg 2 cups flour 1 teaspoon baking powder 1/2 teaspoon baking soda 1/4 teaspoon nutmeg 2 1/2 teaspoons cornstarch 1/2 cup honey 1/3 cup water 1 tablespoon grated lemon peel 3 tablespoons lemon juice 1 tablespoon margarine Dash nutmeg

Directions:

Preheat oven to 350°F. Pour 1/3 cup lemon juice over apples and coat. Set aside. Cream margarine and sugar. Add honey and beat well. Add egg and mix. Sift flour, baking powder, baking soda and nutmeg together and add to margarine mixture. Stir in apples. Pour into a greased 9-inch square baking pan. Bake for 55 to 60 minutes. For sauce, mix cornstarch, honey and water together in a small saucepan. Add lemon peel. Cook over moderate heat for about 5 minutes or until thick, stirring occasionally. Remove from heat and stir in 3 tablespoons lemon juice, margarine and nutmeg.

Analysis: Calories 335 Sodium Carbohydrates 66 Potassium Protein 4 Phosphorus Fat 6	Renal and Renal Diabetic Exchange 111 2 Starch 93 1 Fat 1 Low Potassium Fru 1 High Calorie	
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Baked Custard

Serves 1 1/2 Cup Per Serving

Ingredients:

1/2 cup lowfat (2%) milk 1 egg 1/8 teaspoon nutmeg 1/8 teaspoon vanilla Artificial sweetener

Directions:

Scald milk, then cool slightly. Break egg into small bowl and beat slightly with nutmeg. Add scalded milk, vanilla and sweetener to taste. Mix well. Set bowl in a baking pan with water 1/2 inch deep. Bake at 325°F for 30 minutes.

Analysis: Calories Carbohydrates Protein Fat	135 7 10 7	Sodium Potassium Phosphorus	124 249 205	Renal and Renal Diabetic Exchanges: 1 Milk 1 Meat
----------------------------------------------------------	---------------------	-----------------------------------	-------------------	------------------------------------------------------------

4 cups peeled, coarsely chopped tart apples
3 tablespoons sugar
3 tablespoons brandy
2 teaspoons lemon juice
1/2 teaspoon cinnamon
1/8 teaspoon nutmeg
3/4 cup dry oats
1/4 cup brown sugar
2 tablespoons flour
2 tablespoons margarine

Directions:

Combine first 6 ingredients in an 8-inch square baking pan. Toss well; set aside. Combine oats, brown sugar and flour in small bowl. Cut in margarine until well blended. Sprinkle over apple mixture. Bake at 350°F for 45 minutes.

Analysis: Calories Carbohydrates Protein Fat	203 38 2 5	Sodium Potassium Phosphorus	36 159 59	Renal and Renal Diabetic Exchanges: 1 Starch 1 Medium Potassium Fruit 1 Fat
rdi	3			1 Fat

Cherry Berry Pie

Ingredients:

1 cup canned, unsweetened cherries, drained, juice reserved

1 cup canned unsweetened raspberries, drained, juice reserved

3/4 cup of the reserved cherry and raspberry juices (if necessary, add water to make 3/4 cup)

3/4 cup sugar 1 tablespoon cornstarch 1/4 teaspoon almond extract Pastry for 2-crust pie, unbaked

Directions:

In a small saucepan, combine juices, sugar and cornstarch. Cook over low heat until thick and clear, stirring often. Add cherries, raspberries and almond extract. Pour into pie shell. Cover with other pie shell and seal edges. Make small slits in top crust to allow steam to escape. Bake at 450°F for 15 minutes. Reduce heat to 375°F and continue baking for 25 to 30 minutes or until crust is golden brown.

Analysis: Calories Carbohydrates Protein Fat	343 46 4 16	Sodium Potassium Phosphorus	120 102 36	Renal and Renal Diabetic Exchanges: 2 Starch 1 Low Potassium Fruit 3 Fat

Chinese Almond Cookies

Serves 24 3 Cookies Per Serving

Ingredients:

1 cup margarine, softened

1 cup sugar

1 egg

3 cups flour

1 teaspoon baking soda

1 teaspoon almond extract

Directions:

In a medium mixing bowl, cream margarine and sugar. Add egg and beat well. Sift dry ingredients and add to creamed mixture. Add almond extract and mix well. Roll into balls about 3/4 inch in diameter. Press a small hole in the middle of each cookie. Bake at 400°F for 10 to 12 minutes, until cookies are golden brown around edges.

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Calories 158 Sodium 99 Carbohydrates 20 Potassium 18 Protein 2 Phosphorus 17 Fat 8

Renal Exchanges:

1 Starch 1 Fat

Renal Diabetic Exchanges:

1 Starch, 2 Fat

Chocolate Chip Cookies (Sugar Free)

Serves 18 2 Cookies Per Serving

Ingredients:

1 cup flour
1/2 teaspoon baking soda
1/4 teaspoon salt
1/2 cup margarine or butter
4 teaspoons liquid sugar substitute
1/2 teaspoon vanilla
1 egg, beaten
1/2 cup semi-sweet chocolate chips

Directions:

Sift together dry ingredients. Cream margarine. Add sugar substitute, vanilla and egg, blending well. Add flour mixture and beat well. Stir in chocolate chips. Drop by teaspoonfuls onto a greased baking sheet. Bake 10 minutes at 375°F.

Analysis:				Renal and Renal
Calories	99	Sodium	98	Diabetic Exchanges:
Carbohydrates	8	Potassium	28	1 Starch
Protein	1.4	Phosphorus	19	1 Fat
Fat	7			

2 tablespoons sugar
1/2 teaspoon unflavored
gelatin
1/4 cup milk
1/2 cup semi-sweet
chocolate minichips
1 teaspoon vanilla
1/2 cup heavy cream,
whipped

Directions:

Combine sugar and gelatin in a small saucepan; stir in milk. Allow gelatin mixture to soften a few minutes. Place over medium heat, stirring constantly, until mixture just begins to boil. Remove from heat; immediately add chocolate chips, stirring until melted. Blend in vanilla; cool to room temperature. Beat heavy cream until stiff; gradually add chocolate mixture to cream, folding gently just until combined. Chill completely; garnish with dessert topping before serving, if desired.

Analysis: Calories Carbohydrates Protein Fat	487 40 5.5 38	Sodium Potassium Phosphorus	46 242 111	Renal and Renal Diabetic Exchanges: 1 Milk 2 High Calorie 5 Fat
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Cinnamon Crispies

Serves 4 1 Tortilla Per Serving

Ingredients:

1 tablespoon hot water
1/2 teaspoon vanilla
1 1/2 tablespoons sugar
1 teaspoon cinnamon
4 6-inch flour tortillas
2 tablespoons margarine, melted

Directions:

Combine water and vanilla in a small bowl; stir well. Combine sugar and cinnamon; stir well. Brush both sides of tortillas with margarine, brush each side with water mixture and sprinkle each side with sugar mixture.

Place tortillas on a wire rack in a jelly roll pan. Bake at 400°F for 6 1/2 minutes or until lightly browned.

Analysis: Calories Carbohydrates Protein Fat	168 21 3 8	Sodium Potassium Phosphorus	83 35 26	Renal and Renal Diabetic Exchanges: 1 Starch 2 Fat
----------------------------------------------------------	---------------------	-----------------------------------	----------------	-------------------------------------------------------------

1/2 cup margarine
1 cup sugar
2 eggs or 1/2 cup lowcholesterol egg
substitute
1 teaspoon vanilla
2 cups flour
1/2 teaspoon baking soda
1/4 cup lemon juice
1 1/2 cups powdered sugar
2 tablespoons water
1/2 teaspoon lemon extract

Directions:

Preheat oven to 375°F. Cream margarine and sugar in a mixing bowl until light and fluffy. Add eggs or egg substitute and vanilla and beat well. Stir flour and baking soda together in a small bowl. Add to creamed mixture. Beat in lemon juice. Drop by teaspoonfuls onto un-greased baking sheet. Bake for 10 to 12 minutes or until cookies are light golden brown. Cool. In a small bowl, beat powdered sugar, water and lemon extract until smooth. Spread on cooled cookies.

Analysis: Calories Carbohydrates Protein	92	Sodium	39	Renal and Renal
	15	Potassium	21	Diabetic Exchanges:
	1	Phosphorus	10	1 Starch
Fat	3	·		

Hot Fruit Compote

Serves 12 3 x 4 Inch Square Per Serving

Ingredients:

1 (28 oz) can each:
Pear slices, juice packed
Peach slices, juice
packed
Pineapple chunks,
juice packed
Cherry pie filling
2 cups crushed corn flakes
1/4 cup margarine, melted

Directions:

Drain fruit. Grease a 9 x 13-inch pan and layer fruit, ending with pie filling. Crush corn flakes, mix with margarine and sprinkle over fruit. Bake at 350°F for 30 minutes. Serve warm.

Analysis:				Renal and Renal
Calories	213	Sodium	115	Diabetic Exchanges:
Carbohydrates	47	Potassium	286	1 Starch
Protein	1.5	Phosphorus	32	1 High Potassium Fruit
Fat	4			1 High Calorie
				Ü

Maple Crisp Bars

Serves 20 1 Bar Per Serving

Ingredients:

Directions:

In a large saucepan, melt margarine over moderate heat. Stir in sugar, extract and syrup; bring to a boil. Remove from heat. Stir in cereal, coating it well with sugar mixture.

Press into a greased 13 x 9-inch baking pan. Chill. Cut into 20 bars.

Analysis:

Calories 110 Sodium 26
Carbohydrates 21 Potassium 10
Protein 0 Phosphorus 6
Fat 3

Renal and Renal Diabetic Exchanges:

1 High Calorie Not suitable for patients with diabetes.

1 envelope unflavored gelatin
1 cup canned unsweetened pineapple juice
1/4 teaspoon grated lemon peel
3 tablespoons honey
2 cups unsweetened applesauce
Cinnamon or nutmeg

Directions:

In a saucepan, sprinkle gelatin over pineapple juice to soften, and stir over low heat until gelatin is dissolved. Stir in lemon peel, honey and applesauce. Refrigerate, stirring occasionally. When mixture mounds slightly if dropped from spoon, beat until fluffy. Divide among 8 dessert dishes. Refrigerate until firm. Garnish each with a dash of cinnamon or nutmeg.

Analysis: Calories	71	Sodium	3	Renal and Renal Diabetic Exchanges:
Carbohydrates Protein	18 1	Potassium Phosphorus	114 8	1 Medium Potassium Fruit
Fat	0	Thoophoras	S	Truit

2/3 cup graham cracker crumbs
2 1/2 tablespoons margarine, melted
1 20-oz can juice packed crushed pineapple
1 small package sugar-free pineapple gelatin
1 tablespoon lemon juice
2 egg whites
1/4 teaspoon cream of tartar

Directions:

Combine cracker crumbs and margarine in a small bowl. Press into bottom and sides of an 8-inch pie plate. Bake at 425°F for 5 minutes; cool.

Drain pineapple juice into a saucepan. Sprinkle gelatin over juice and melt over low heat. Remove from heat and add pineapple and lemon juice; cool.

Beat egg whites and cream of tartar until stiff peaks form. Gently fold in pineapple mixture. Spoon into crust. Chill several hours.

Analysis:

Calories	153	Sodium	167
Carbohydrates	24	Potassium	190
Protein	3	Phosphorus	33
Fat	5		

Renal Exchanges:

1 Starch, 1 Medium Potassium Fruit Renal Diabetic Exchanges:

1 Starch, 1 Medium Potassium Fruit, 1 Fat

Strawberry Ice Cream

Serves 6 1/2 Cup Per Serving

Ingredients:

1 10-oz package frozen
sweetened strawberries
1 tablespoon lemon juice
1 cup crushed ice
3/4 cup non-dairy coffee
creamer
1/2 cup sugar
Few drops red food
coloring

Directions:

Thaw strawberries just until they break into chunks. Place all ingredients in a blender. Blend until smooth and sugar is dissolved. Pour into a covered dish. Freeze until firm.

Analysis: Calories Carbohydrates Protein Fat	144 28 1 3	Sodium Potassium Phosphorus	25 108 25	Renal and Renal Diabetic Exchanges: 1 Starch 1 Low Potassium Fruit

Strawberry Pizza

Serves 12 1 Slice Per Serving

Ingredients:

Crust (pre-packaged)
1 package refrigerated
sugar cookie dough

Crust (homemade)
1 cup flour
1/4 cup powdered sugar
1/2 cup butter

Filling

8 oz cream cheese, softened 1/2 teaspoon vanilla 1/2 cup sugar 2 cups sliced strawberries

Glaze

1 cup mashed strawberries4 tablespoons sugar1 tablespoon cornstarch

Directions:

Pre-packaged crust

Roll out cookie dough into a round pizza pan. Bake according to directions on package. Cool.

Homemade crust

Mix flour, sugar and butter together and press into round pizza pan. Bake 15 minutes at 350°F.

Beat cream cheese, vanilla and sugar until fluffy. Spread over cooled crust. Then spread sliced strawberries over filling. Cook the mashed strawberries, sugar and cornstarch until clear. Spread over sliced berries. Chill. (You can also substitute a packaged glaze mix.)

Analysis: #	lomemade	Pre-packagea	l	Renal and Renal
Calories	242	Calories	221	Diabetic Exchange
Carbohydrates	26	Carbohydrates	28	1 Starch
Protein	2.8	Protein	2.4	1 Low Potassium Frui
Fat	15	Fat	11	2 Fat
Sodium	135	Sodium	160	2141
Potassium	98	Potassium	94	
Phosphorus	40	Phosphorus	40	
•		•		

1 1/4 cups graham cracker crumbs 1/3 cup unsalted margarine, melted 8 oz cream cheese. softened 1/2 cup pumpkin 17 packets sugar substitute 2 eggs or 1/2 cup low-cholesterol egg substitute 1 teaspoon vanilla 1 teaspoon cinnamon 1/2 teaspoon nutmeg 12 packets sugar substitute 1 cup water 2 drops red food coloring 1 tablespoon cornstarch 2 teaspoons lemon juice 2 cups fresh cranberries

Directions:

In a small bowl, combine graham cracker crumbs and margarine. Press into bottom and sides of a 9-inch glass pie plate. In a glass bowl, combine cream cheese, pumpkin, 16 packets sugar substitute, eggs or egg substitute, vanilla, cinnamon and nutmeg. Beat until smooth. Microwave on high for 3 to 5 minutes until hot but not set. Stir frequently. Pour into pie shell. Microwave on high for 5 to 7 minutes or until knife inserted in center comes out clean. Sprinkle one packet of sugar substitute over top. To make topping, mix remaining ingredients except berries in a 1-quart glass container. Stir well. Cover with plastic wrap and microwave on high for 3 to 4 minutes, stirring often, until thick. Add berries and microwave on high for 3 to 4 minutes longer or until skins pop. Pour over pie. Chill.

Analysis: Calories 220 Sodium Carbohydrates 11 Potassium Protein 4 Phosphorus Fat 18	176 141 58	Renal and Renal Diabetic Exchanges: 1 Medium Potassium Fruit 3 Fat
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Supported by an educational grant from Amgen.

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