Folic Acid Checklist

	"We red health a defect.	commend that you take and to help reduce you	day" message to your client: e 400 micrograms of folic acid every day for good or risk of having a baby with a neural tube birth olic acid is by taking a multivitamin with folic acid or day."
	If "yes"	currently planning a	
	→	your baby."	e that you take folic acid <u>NOW</u> to protect the health of
	If "no" →	Message : " <u>Everyone</u> ne prevent birth defects late	eds folic acid <u>every day</u> for good health and to help er on."
	Does clie	ent take a multivitam	in or folic acid supplement every day?
	→	Check the label.Instruct client about h	our multivitamin contains 400 micrograms folic acid." now to read the label. to take a multivitamin or folic acid pill every day."
	If "no"		or remembering to take vitamins.
	→	- Ask client why they d	y to get folic acid is through a multivitamin or folic acid pill.' lo not take a multivitamin. nyths and barriers associated with taking multivitamins. nefits of folic acid.
Re	ecommend	ed handout: "Vitamins a	and Folic Acid"
	Encouraç their diet		de folic acid fortified or folate-rich foods into
	Fortit Enric Enric Enric	Acid Fortified Foods fied breakfast cereals shed bread, rolls, buns shed rice, pasta shed cornbread shed flour tortillas	Folate-rich Foods Orange juice, strawberries, oranges Dark green leafy vegetables (spinach; mustard, turnip, collard greens) Dried beans and peas, lentils Broccoli, asparagus

Recommended handouts: "Folic Acid Content of Selected Foods & Vitamin Supplements"

"Folic Acid and Fortified Foods"

"Food Folate"



Vitamins and Folic Acid

Why do I need folic acid?

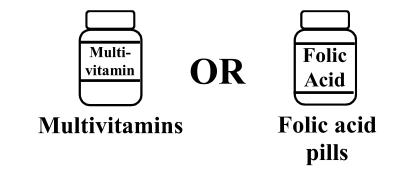
Folic acid is a vitamin that is needed every day for healthy body tissues and may lower your risk for having a baby with a neural tube defect. Folic acid also may help lower the risk for:

- Heart disease
- Certain cancers
- Cognitive (brain) diseases
- Other birth defects, such as heart defects



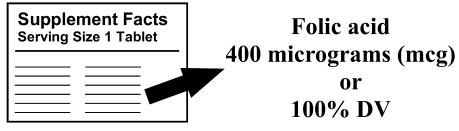
Where can I get folic acid?

You can get folic acid from:



How much folic acid do I need to take?

Everyone needs folic acid every day for good health. However, women, teenage girls, and younger girls who are able to become pregnant need to make sure they get **400 micrograms** of folic acid every day. The best way is to take a vitamin pill that contains folic acid. Check the label on the bottle to see how much folic acid is in each pill. Look for 400 micrograms (mcg) or 100% of the Daily Value (DV).







Taking Vitamins

Some women have trouble taking vitamins. But there are some things you can do to make it easy for you to take a vitamin pill every day!

Can't swallow a pill?

Folic acid pills are smaller than multivitamins and may be easy to swallow. Or, try chewable vitamins that you don't have to swallow whole.



Can't remember to take a vitamin every day?

Put the bottle in a place where you will see it each day.



Next to your toothbrush



Near the alarm clock



Near birth control pills or medicines

Do vitamins upset your Try taking your vitamin after a stomach?

meal or before bedtime, or try folic acid pills.



Do you think vitamins cost too much?

Try store brands that cost less than name brands, or take folic acid pills which may cost less than a penny a pill!



Do you think vitamins cause weight gain?

They don't. Vitamins can give you the nutrients you need to stay healthy and active!



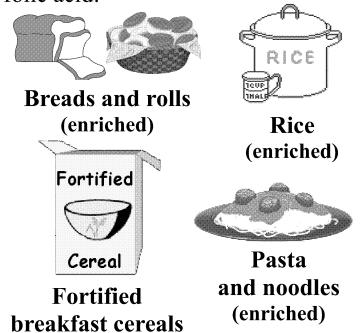
Folic Acid and Fortified Foods

Fortified Facts...

Since 1998, all *enriched* cereal grain products have had extra folic acid added to them. This was done to help women get more folic acid to help reduce their risk of having a baby with a neural tube defect.

What foods have folic acid added to them?

Enriched grains and foods made from enriched grains have folic acid added to them. These foods say "enriched" on the label. Check the Nutrition Facts panel or ingredients list to see if folic acid has been added to the food. Here are some types of foods that are fortified with folic acid:



How can I add more of these foods to my diet?

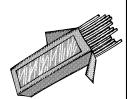
It's easy! Try eating a bowl of fortified cereal every day, or a side dish of rice or pasta at lunch or dinner. Here are some foods and the amount of folic acid they provide:

Fortified cereal

 $\frac{1}{2}$ to $1^{1}/_{3}$ cup has **100-400 micrograms** (check the label)

Enriched rice, cooked 1 cup has **95 micrograms**

Enriched spaghetti, cooked 1 cup has **90 micrograms**

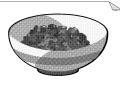


Enriched flour tortilla (10-inch diameter) 1 tortilla has **80 micrograms**

Enriched bread, white 2 slices have **30 micrograms**



Smart Tip...



To get your day's worth of folic acid, eat a bowl of fortified cereal that provides 400 micrograms (mcg) or 100% of the Daily Value (DV) for folic acid per serving.



Food Folate

Is food folate the same as folic acid?

"Food folate" is the form of the vitamin found naturally in some foods. "Folic acid" is the man-made form used in vitamins and added to enriched grain foods. Sometimes the term "folate" is used to describe both forms of the vitamin.

Will food folate alone help reduce the risk of neural tube defects?

Eating <u>food folate</u> alone has not been proven to reduce the risk for neural tube defects. Studies have shown that 400 micrograms of folic acid (from a vitamin pill or enriched grain food) can help you reduce your risk. But food folate is also important! Women with low levels of folate in their blood may be at increased risk for having a baby with a neural tube defect. Eating a healthy diet that includes foods rich in folate can help keep your blood folate levels from getting too low.

What foods have food folate in them?

Most foods rich in food folate are "plant" foods. Look for these foods:



Beans

(black, pinto, kidney, navy, chick peas, lentils)



Orange juice



Broccoli



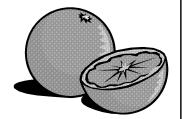
Spinach and other dark greens



Peanuts



Strawberries



Oranges



Folic Acid Daily News

Extra! Extra!

Vitamins and fortified foods boost folic acid intake!
(story back page)

Volume 1 Issue 1 Page 1

In Marie and Mark Smith's house, the joys and challenges of raising children are increased because both of their children have neural tube defects, or NTDs. The neural tube, which becomes a baby's brain and spinal cord, forms in the first month after a woman gets pregnant, when the baby is no bigger than a grain of rice. If the tube does not form right, the brain or spinal cord can be damaged.

Two of the most common types of NTDs are anencephaly (an-en-SEF-a-lee), where the brain does not form right and results in the death of the baby, and spina bifida (SPY-na BIF-i-da), which affects the spinal cord.



Anencephaly

Billy, the Smith's 10-year-old son, has a mild form of spina bifida and is able to walk with the use of leg braces. He also has mild problems with bladder and bowel control.

Katie, the Smith's 12-year-old daughter, has a more severe form of spina bifida and uses a wheelchair to move around. Katie cannot eat and is fed through a tube in her stomach. She also has trouble breathing.

Marie Smith says that caring for her children puts an extra strain on the family. "Katie has special needs that will increase as she ages. The stress and strain caused by many, many trips to the doctor was almost too much for us to handle. It takes up a great deal of our time and money. But we made it through, and we are just so proud of all the things that Billy and Katie have done!"



Mark says "You should never take a healthy child for granted. No one in our family has ever had anything like this happen to them. We are both healthy. We don't smoke or drink, and we don't weigh too much. If this can happen to us, it can happen to you, too."

Marie adds "Doctors say that all women should take the vitamin **folic acid** every day before they get pregnant to reduce the risk of having a baby with an NTD. Women today are lucky to be able to do something to give their future baby the best chance at being healthy. I would tell all women who can become pregnant to take folic acid every day, **even before they begin planning a pregnancy.**"



Folic Acid Can Help Prevent NTDs!

The Institute of Medicine recommends that all women who can become pregnant take **400 micrograms** of the vitamin folic acid every day, while also getting food folate from a varied diet. This amount of folic acid, when taken on a daily basis before a woman becomes pregnant, may lower the risk of having a baby with a neural tube defect by 50 percent to 70 percent!

The <u>best way</u> for women to get the folic acid they need is to take a multivitamin with folic acid or a folic acid pill every day.

Folic Acid Fortified Foods Help Women Get More Folic Acid

To help women get 400 micrograms of folic acid every day, enriched cereal grain foods are now fortified with folic acid. These foods include:

- Fortified breakfast cereals
- Pasta and noodles
- Rice
- Flour and bread, rolls and buns



Look for the word "Enriched" on the label. Eating these foods will increase intake of folic acid and may help reduce the risk of having a baby with a neural tube defect.

Words of the Day

Folic acid: Man-made form of the vitamin found in multivitamins, folic acid pills, and enriched grain foods.

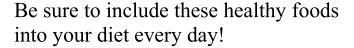
Food folate: Natural form of the vitamin found in certain foods.

Microgram: The units used to measure the amount of folic acid or folate in vitamins and foods.

Foods With Folate Are Heart Healthy!

Eating foods rich in folate as part of a varied diet is healthy and may help prevent heart disease! These foods include:

- Orange juice, strawberries, oranges, avocado
- Dark-green leafy vegetables such as spinach and other greens (mustard, turnip, collard)
- Asparagus, broccoli, Brussels sprouts, okra
- Dried beans (kidney, black, pinto, navy, chick peas), black-eyed peas, lentils, peanuts



Folic Acid Content of Selected Foods and Vitamin Supplements









Food	Serving size	Synthetic folic acid (micrograms)
Multivitamin containing folic acid	1 pill	400 ¹
Folic acid supplement or pill ²	1 pill	400-800
Fortified ready-to-eat cereal ³	1/2 to 1-1/3 cup	100-400
Rice, white, enriched, cooked	1 cup	95
Spaghetti, enriched, cooked	1 cup	90
Tortilla, flour, enriched, soft	1, 10-inch diameter	80
Grits, enriched, cooked	1/2 cup	40
Toaster pastry	1	40
Bagel, enriched	1, 3-inch diameter	30
Breads, rolls, biscuits, muffin, English muffin (half), enriched	~ 1 piece	15
Crackers, saltine, enriched	~ 5 crackers	15
Meats and fish, breaded or batter-fried with enriched flour	3 ounces	5-15

¹ This is the typical folic acid content of multivitamins. Check the "Supplement Facts" label to be sure.

Reference: J Am Diet Assoc. 2000; 100:88-94.



² The content of folic acid supplements vary. Choose a folic acid supplement that contains 400 micrograms folic acid per pill.

³ Some fortified cereals contain 400 micrograms of folic acid per serving. Check the Nutrition Facts label on the cereal box and look for a cereal that provides "100% Daily Value" for folate or folic acid.

Chicken and Pasta with Orange-Basil Sauce

For this quick, one-dish meal, purchase a deli-roasted chicken or a cooked turkey breast or use leftover turkey from a holiday meal.

Folic acid: 70 micrograms

Food folate: ★★★ (an "excellent" source of food folate)

³/₄ cup frozen Florida orange juice **concentrate**, thawed

½ cup chicken broth

4 teaspoons cornstarch

6 ounces packaged enriched dried rotini, or twist pasta

1 16-ounce package loose-pack frozen Italian blend (zucchini, carrots, cauliflower, lima beans, and Italian beans) or other mixed vegetables

2 cups cubed cooked chicken or turkey

1/4 cup snipped fresh basil or 2 tablespoons dried basil

¹/₈ teaspoon black pepper

To make the sauce, in a small saucepan combine thawed concentrate, chicken broth, and cornstarch. Cook and stir until thickened and bubbly; cook and stir 2 minutes more.

In a large saucepan cook pasta in boiling, lightly salted water for 5 minutes. Add frozen vegetables; return to boiling. Cook, uncovered, 5 minutes more or until pasta and vegetables are tender. Drain; return to saucepan. Add sauce, chicken, basil, and pepper. Heat and toss until hot.

Makes 4 servings.

NUTRITION FACTS PER SERVING: 438 calories, 31 g protein, 62 g carbohydrate, 7 g total fat (2 g saturated fat), 68 mg cholesterol, 3 g dietary fiber, 190 mg sodium. Daily values: 131% vitamin C, 82% vitamin A, 32% thiamin, 19% riboflavin, 50% niacin, 22% iron, 23% potassium.



Chicken and Rice Bake

Updating this favorite dish by replacing the canned soup with Florida orange juice concentrate gives it a fresh flavor and cuts the fat from 11 to 3 grams.

Folic acid: 75 micrograms

Food folate: ★★ (a "good" source of food folate)

3 whole medium chicken breasts (about 2½ pounds total), skinned and halved lengthwise

³/₄ cup frozen Florida orange juice **concentrate**, thawed

½ cup thinly sliced celery

½ cup chopped onion

2 teaspoons instant chicken bouillon granules

½ teaspoon dried thyme, crushed

1¹/₃ cups enriched long grain rice, uncooked

Garlic salt

Paprika

Snipped fresh or dried parsley

Rinse chicken; pat dry with paper towels. In a medium saucepan combine thawed concentrate, celery, onion, bouillon granules, thyme, 2 cups water, and dash pepper. Bring to boiling. Transfer to a 3-quart rectangular baking dish. Stir in uncooked rice. Add chicken pieces. Sprinkle lightly with garlic salt, paprika, and additional pepper.

Cover and bake in a 350 degree oven for about 1 hour or until chicken is tender and no longer pink and rice is tender. Sprinkle with snipped parsley before serving.

Makes 6 servings.

NUTRITION FACTS PER SERVING: 309 calories, 21 g protein,

49 g carbohydrate, 3 g total fat (1 g saturated fat), 45 mg cholesterol, 1 g dietary fiber, 370 mg sodium.

Daily values: 63% vitamin C, 25% thiamin, 43% niacin, 18% iron, 14% potassium.



Company Mashed Potatoes

Food folate: ★★ (a "good" source of food folate)

2 pounds sweet potatoes, peeled and cut up 1½ pounds white potatoes, peeled and cut up

½ cup chopped onion

2 tablespoons margarine or butter

³/₄ cup frozen Florida orange juice **concentrate**, thawed

¹/₃ cup fat-free dairy sour cream

½ teaspoon garlic salt

Place all potatoes in a Dutch oven; add enough water to cover. Bring to boiling; reduce heat. Cover and simmer about 25 minutes or until tender. Meanwhile, in a skillet cook onion in margarine until tender but not brown. Drain potatoes. Mash or beat with an electric mixer on low speed. Add onion mixture, thawed concentrate, sour cream, garlic salt, and ½ teaspoon pepper. Beat until fluffy.

Makes 8 servings.

NUTRITION FACTS PER SERVING: 246 calories, 4 g protein, 51 g carbohydrate, 3 g total fat (1 g saturated fat), 0 mg cholesterol, 5 g dietary fiber, 183 mg sodium.

Daily values: 77% vitamin C, 198% vitamin A, 15% thiamin, 22% potassium.



Citrus Spinach Salad

00

Loaded with vitamin C, vitamin A, and iron, as well as folate, this change-of-pace salad is great with chicken or fish.

Food folate: ★★★ (an "excellent" source of food folate)

8 cups torn fresh spinach

1½ cups sliced fresh mushrooms

1/4 cup sliced green onions

2 slices turkey bacon, chopped

2 teaspoons cornstarch

½ teaspoon finely shredded orange peel

1 cup Florida orange juice, ready-to-drink

¹/₈ teaspoon garlic salt

¹/₈ teaspoon ground black pepper

3 Florida oranges, peeled, halved, and sliced

½ of a medium sweet orange or red pepper, cut into thin bite-size strips

In a large salad bowl combine spinach, mushrooms, and onions; set aside. In a 12-inch skillet or a Dutch oven, cook bacon over medium heat until crisp. Remove bacon; drain on paper towels. Set aside.

Wipe out skillet with a paper towel. In a bowl combine cornstarch, orange peel, orange juice, garlic salt, and black pepper; add to skillet. Cook and stir until thickened and bubbly; cook and stir 2 minutes more. Remove from heat. Add spinach mixture. Toss until coated. If desired, return salad to heat and toss 30 to 60 seconds more or until slightly wilted. Return mixture to salad bowl; toss in bacon, oranges, and pepper strips.

Makes 4 side-dish servings.

NUTRITION FACTS PER SERVING: 105 calories, 6 g protein, 19 g carbohydrate, 2 g total fat (1 g saturated fat), 5 mg cholesterol, 5 g dietary fiber, 259 mg sodium.

Daily values: 162% vitamin C, 89% vitamin A, 13% thiamin, 21% riboflavin, 12% niacin, 11% calcium, 26% iron, 27% potassium.



30-Minute Chicken Dinner

A colorful blend of vegetables and frozen Florida orange juice concentrate helps this dish go together in a flash.

Folic acid: 105 micrograms

Food folate: ★★ (a "good" source of food folate)

Nonstick spray coating ½ cup chopped onion

3 cups water

11/4 cups enriched long grain rice, uncooked

³/₄ cup frozen Florida orange juice **concentrate**, thawed

3 tablespoons reduced-sodium soy sauce

1/4 teaspoon ground ginger

¹/₈ to ¹/₄ teaspoon black pepper

3 cups loose-pack frozen stir-fry vegetables (sugar snap peas, carrots, onions, and mushrooms)

1 cup chopped cooked chicken

Spray an unheated large saucepan with nonstick coating. Add onion; cook and stir over medium heat until onion is tender, but not brown. Carefully stir in water, uncooked rice, thawed concentrate, soy sauce, ginger, and pepper. Bring to boil; reduce heat. Cover and simmer for 15 minutes.

Sprinkle frozen vegetables on top of mixture; do not stir in. Cover and simmer about 5 minutes more or until rice and vegetables are tender and liquid is absorbed. Stir in chicken; heat through.

Makes 4 servings.

NUTRITION FACTS PER SERVING: 421 calories, 19 g protein,

75 g carbohydrate, 4 g total fat (1 g saturated fat), 34 mg cholesterol, 2 g dietary fiber, 459 mg sodium.

Daily values: 93% vitamin C, 32% vitamin A, 35% thiamin, 33% niacin, 23% iron, 16% potassium.

Recipe courtesy of the Florida Department of Citrus.



Florida Refresher

Sip this fruity drink at breakfast, as a refreshing snack, or for a fat-free dessert.

Food folate: ★★★ (an "excellent" source of food folate)

2 cups buttermilk

1 cup cut-up strawberries

³/₄ cup frozen Florida orange juice **concentrate** (do not thaw)

6 ice cubes

2 tablespoons honey

1 teaspoon vanilla

Place all ingredients in a blender. Cover and blend until frothy. If desired, garnish with additional strawberries.

Makes 3 (12-ounce) servings.

NUTRITION FACTS PER SERVING: 194 calories, 7 g protein, 39 g carbohydrate, 2 g total fat (1 g saturated fat), 6 mg cholesterol, 1 g dietary fiber, 174 mg sodium.

Daily value: 180% vitamin C, 14% thiamin, 17% riboflavin, 17% calcium, 20% potassium.

Folic Acid EVERY DAY

Ranch Beans

Food folate: ★★★ (an "excellent" source of food folate)

½ cup green pepper, chopped

1³/₄ cups canned vegetarian beans

1¾ cups canned kidney beans, red, drained

2 tablespoons catsup

2 tablespoons molasses

½ teaspoon dried onion

Conventional Method:

Place all ingredients in saucepan and heat thoroughly, about 10 minutes.

Microwave Method:

Place all ingredients in microwave-safe bowl. Cover with waxed paper. Cook on high, stirring every 2 minutes. Cook about 5 minutes.

Makes 4 (1-cup) servings.

NUTRITION FACTS PER SERVING: 240 calories, 1 g total fat (trace of saturated fat), 0 mg cholesterol, 916 mg sodium.



My Commitment to Change



- Neural tube defects
- All women of childbearing age are at risk
- Take folic acid every day to help reduce risk

and girls who can get pregnant, including me, are at risk for having a commitment to consume 400 micrograms of folic acid every day so l _, recognize that all women, teenagers, can help reduce my risk of having a baby with a neural tube defect. baby with a neural tube defect. Therefore, I pledge to make a

Folic Aci EVERY 1



Vitamin Case Studies

- 1. Mary bought vitamins at the store last month but forgets to take them. She keeps them inside her medicine chest. What would you suggest Mary do?
- 2. Maria wants to take a vitamin every day but she thinks it will make her gain weight. What would you tell Maria?
- 3. Jean went to the store to buy vitamins. She looked for brands that she had seen on TV but they were all too expensive, and she went home without buying any. What should Jean do the next time she goes to the store?
- 4. Pam will not take a multivitamin because the pill is too big for her to swallow. What would you tell Pam to try?
- 5. Lisa will not take a vitamin because it upsets her stomach. What would you tell Lisa to do?



Folate Café Entrees

For Starters...

lettuce with mushrooms, tomatoes, carrots, and House Salad: Blend of iceberg and romaine

Spinach Salad: Fresh spinach with mushrooms, red onion, tomatoes, and dressing.

Pasta Salad: Shell macaroni with assorted vegetables in a light dressing.

chicken meat with chopped carrots and celery in Cream of Chicken Soup: Chunks of white a light cream soup base. Lentil Soup: Tender lentils cooked gently with a hint of spices,

sized broccoli, cauliflower, carrots and celery with Raw Vegetable Sampler: A mix of fingerour special dipping sauce.

Beverages

Soda (cola, diet cola, orange) Juice (apple, orange) Spring water Coffee, tea

Beans 'n Rice: Black beans served over white or yellow rice. Served with Cuban bread. Turkey Club: Sliced smoked turkey on a white roll with mayonnaise, lettuce, and tomato. Served with potato chips or fresh fruit. Mexi Melt: Flour tortillas filled with pinto beans and covered with our special sauce and melted Chicken Dinner: 2 pieces of fried chicken with a side of cooked greens and cornbread.

Chef Salad: Iceberg and romaine lettuce with chunks of smoked ham and turkey, cheddar and jack cheese, boiled egg, and tomato.

Soup 'n Salad: Your choice of any soup and salad from our menu

Sweet Endings

Fresh Fruit Plate—bananas, oranges, grapes, strawberries, kiwi fruit Orange Sherbet Chocolate Cake



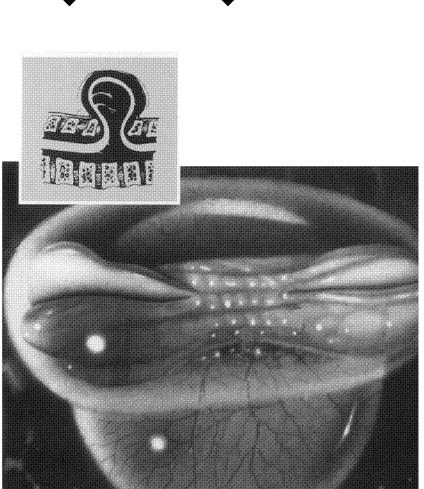
MY SHOPPING CART

Select the items that you buy for yourself and/or your family at the supermarket.

<u>VITAMIN</u> <u>SUPPLEMENTS</u>	VEGETABLES	FRUITS & JUICES	BREADS, CEREALS & GRAINS	PROTEIN	MILK PRODUCTS
Name brand multivitamin	Avocado	Apples	Bagels	Beans, black	Buttermilk
Store brand multivitamin	Asparagus	Apple juice	Bread, wheat sliced	Beans, kidney	Cheese, American
Folic acid supplement	Broccoli	Bananas	Bread, white sliced	Beans, navy	Cheese, cheddar
*	Carrots	Blueberries	Cereal, breakfast	Beans, pinto	Cheese, cottage
	Cauliflower	Cranberry juice	Cookies	Beef	Cheese, cream
Vitamin	Corn	Grapes	Crackers	Chick peas	Cheese, processed
D	Cucumber	Grapefruit	Egg noodles	Chicken	Cream, sour
	Green beans	Mango	Macaroni	Eggs	Ice cream
	Okra	Melon	Oatmeal	Fish	Milk, chocolate
	Plantains	Orange	Pasta	Lentils	Milk, low fat
	Potatoes	Orange juice	Rice	Organ meats	Milk, skim
	Romaine lettuce	Papaya	Rolls, dinner	Pork	Milk, whole
	Spinach	Peaches	Tortillas, corn	Shrimp	Yogurt
	Squash	Strawberries	Tortillas, flour	Veal	Yogurt, frozen



What is a neural tube?



Forms baby's brain and spinal cord

 Develops during first weeks of pregnancy



Spina bifida

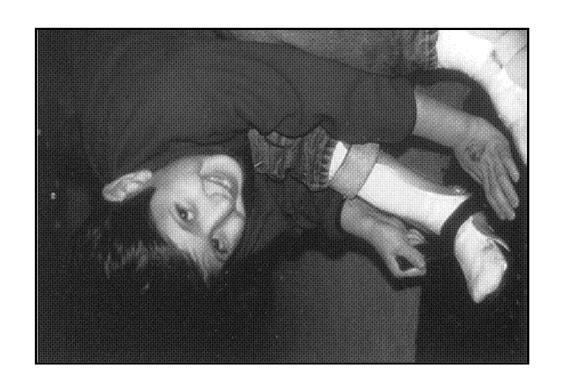


The Buchieri Family

Nicole has a more severe case of spina bifida than her brother. She must use a wheelchair.

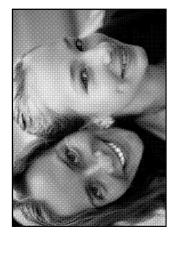


Joey can walk with the help of his leg braces. His case is not severe. Joey's spina bifida is not obvious to most people.



9

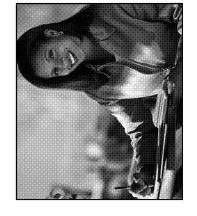
NTD-affected pregnancy! ANYONE can have an





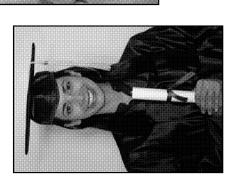




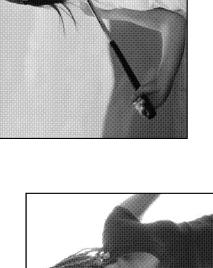












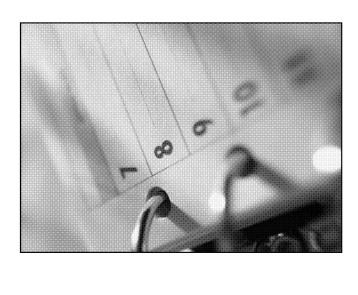
Good News!

neural tube defects! folic acid every day 400 micrograms of plus a healthy diet lowers the risk of



AOU SHOULD

TAKE FOLIC ACID



EVERY DAY

Folic acid pill

Dietary Supplement

400 micrograms

FOLIC ACID

Even if you are not planning a pregnancy!

Folic Acid Every Day

Protect your Health _ifetime! or a

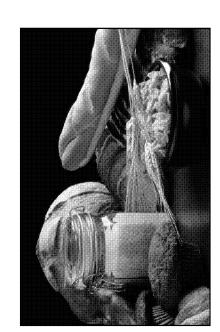
Where can you find folic acid?

Man-made folic acid

- Multivitamin with folic acid
- Folic acid pill
- Folic acid fortified foods

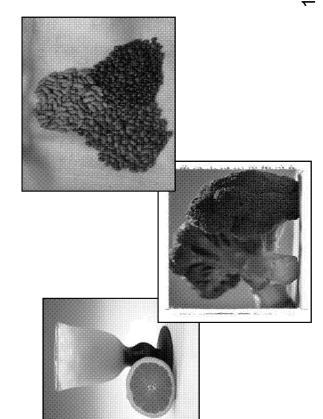
Naturally occurring food folate

Certain foods



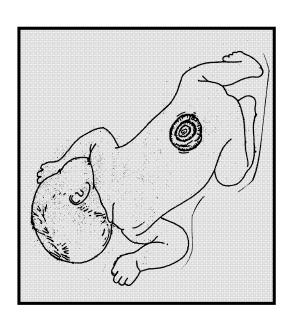


Multivitamin



Proven benefits of folic acid

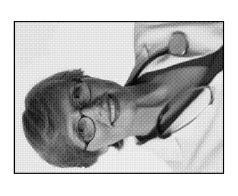
- Need every day for healthy tissue
- Lowers risk for neural tube defects



Spina bifida

Anencephaly

Folic acid recommendation

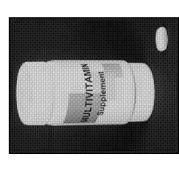


400 micrograms folic acid every day

Eat a healthy, varied diet

Supported by:

U.S. Public Health Service Institute of Medicine Various organizations



Multivitamin



Folic acid pill

Other health benefits of folic acid

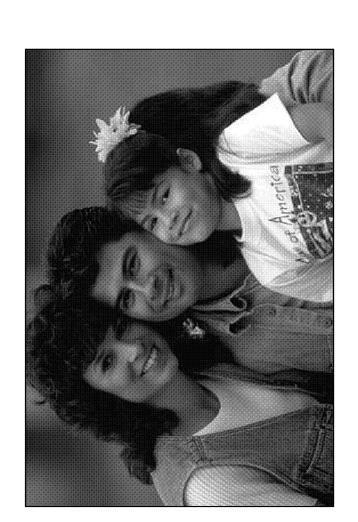
- May lower risk for
- Other birth defects
- Heart disease
- Certain cancers
- Cognitive (brain) diseases
- Improve overall health and vitality
- Good for the entire family





Be part of something important...





folic acid every day!

How do you get folic acid?

through multivitamins The best way is with folic acid

ULTIVITAMI

Supplement



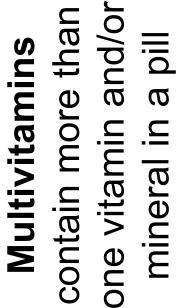
O

folic acid pills

Folic acid





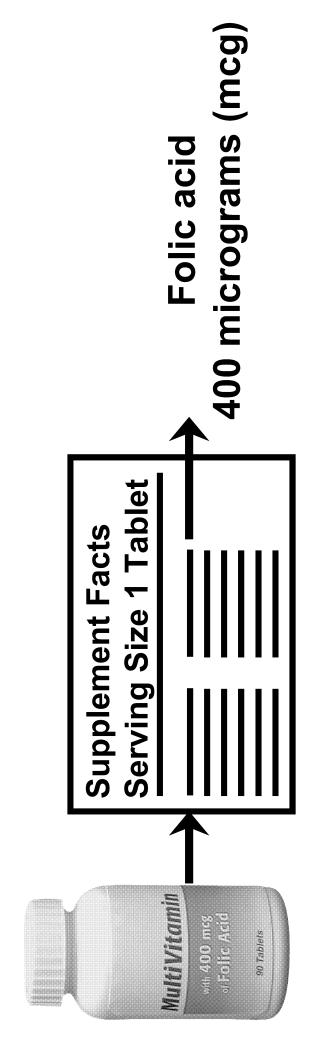






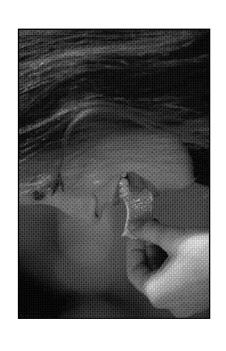
Folic acid pills contain only folic acid in a small pill

Check the label



multivitamin or supplement that Why should YOU take a contains folic acid?

We don't always eat right Healthy cells make a healthy body, and all cells need folic acid every day Reduce risk for birth defects





Do you think multivitamins.

Are too big?

- Folic acid pills
- Chewable multivitamin

Increase appetite and cause weight gain?

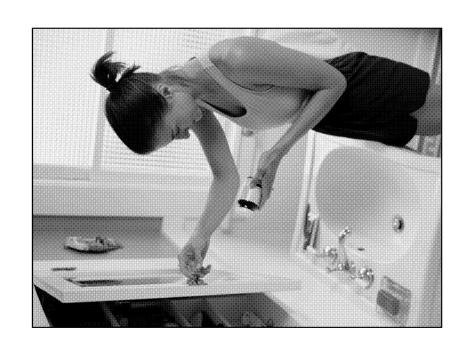
No scientific evidence

Cause upset stomach?

Take after a meal

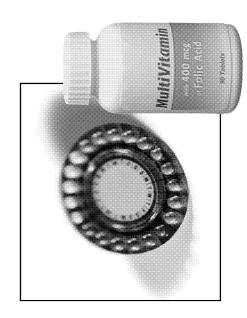
Cost too much?

- Store brands
- Folic acid pills

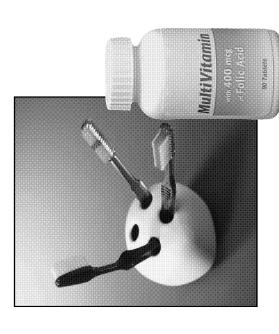


Remember to take your folic acid!

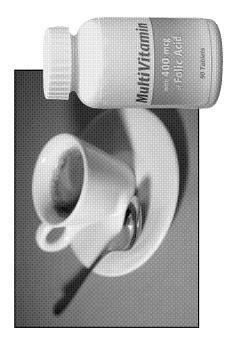
Put your multivitamins or folic acid pill..



Next to your birth control pills or other medications



Next to your toothbrush



Next to your coffee pot

Folic acid plus a healthy diet!



In addition to taking a multivitamin with folic acid or a folic acid pill...

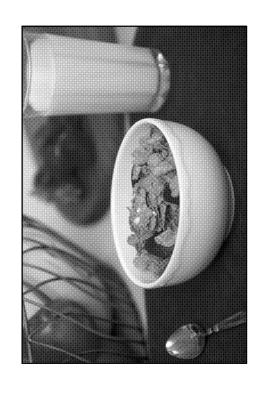


Eat a healthy, varied diet

- Foods fortified with folic acid
- Foods naturally rich in folate

Fortified breakfast cereals

- 100 to 400 micrograms folic acid per serving Many provide from
- Check the label!
- Look for 100% of the Daily Value (DV) for folic acid or folate

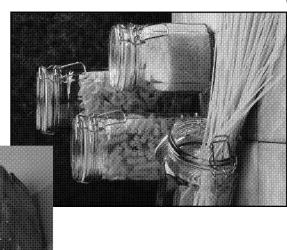


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Enriched grain foods

How much man-made folic acid?

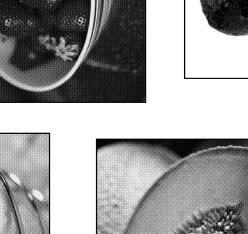
- Enriched bread, white2 slices = 30 micrograms
- Enriched flour tortilla, 10 inches 1 each = 80 micrograms
- Enriched spaghetti, cooked1 cup = 90 micrograms
- Enriched rice, cooked1 cup = 95 micrograms

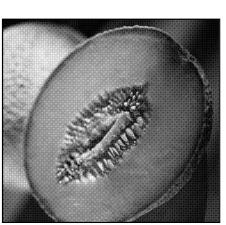


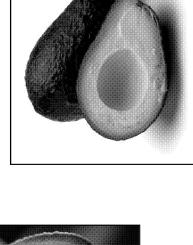
Food folate

- Orange juice
- Oranges
- Strawberries
- Cantaloupe
- Avocado







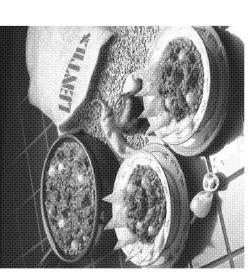


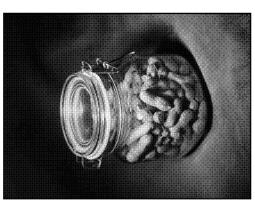
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Food folate

- ▶ Dried beans and peas
- Black, kidney, navy, pinto beans
- -Black-eyed peas
- -Chick peas (garbanzo
 - beans)
- -Peanuts

-Lentils





Food folate

- Dark green leafy vegetables
- Spinach
- Greens: collard, mustard, turnip

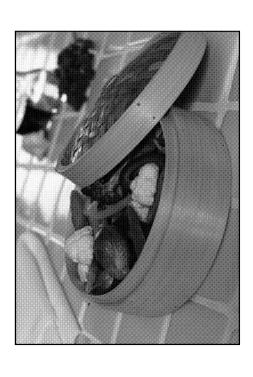




- Other vegetables
- Asparagus
- Broccoli
- Brussels sprouts
- Okra



Food preparation





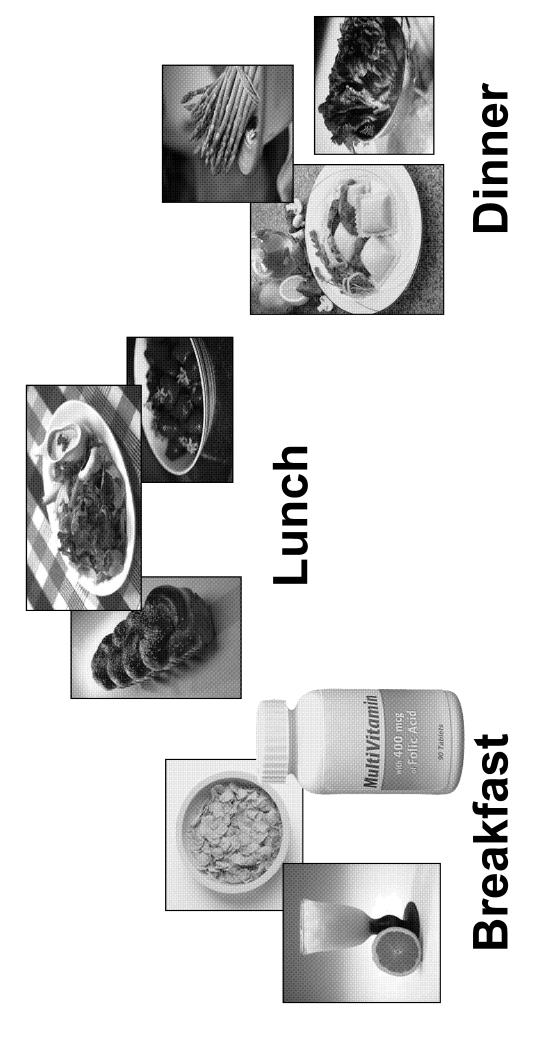
Use less cooking water

- Steam, microwave

- Roast, grill

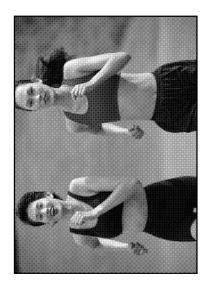
Reuse cooking water

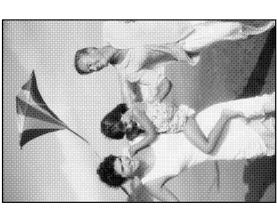
Make small changes to your meals!



Health benefits of food folate

- Healthy tissues
- May lower risk for
- Heart disease
- Certain cancers
- Cognitive (brain) diseases
- Improve overall health and vitality
- Good for the entire family





Foods rich in folate

Low in calories

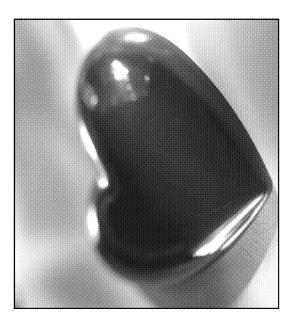
Low in fat

No cholesterol

High fiber

Rich in other

vitamins & minerals



Heart-healthy foods

Protect your health AND reduce neural tube defect risk



AND



Get 400 micrograms of folic acid every day by taking a multivitamin or folic acid pill

Eat a healthy diet including folic acid fortified and folate-rich foods