# **Nutrition Awareness Month**

Issue 2 March 2010

### "Nutritional Math 101"

In the March newsletter, our reference to gm/day, may not have been as user-friendly as we intended. So, it's time for a basic lesson in nutritional math. A gm of fat contains about 9 kcals, a gm of carbs contains about 4 kcals, and a gm of protein also contains about 4 kcals. So, a diet of 2000 kcals per day should include 55-60% carbs (290 gm), 25-30% fat (62 gm), and 15-18% protein (85 gm). Now, converting those grams to ounces gets a little more involved- you multiply the grams by 20, then divide by 567. So those 29 gms of nuts per day mentioned in the last newsletter comes out to about 1 ounce. Of course, if you are more right-brain oriented, you may prefer just getting the right number of servings from food groups, and simply visualizing what your portion sizes ought to look like. In other words:

- One serving of pasta looks like half a baseball
- A small bagel looks like a hockey puck
- One baked potato serving looks like a computer mouse
- A serving of dried fruit looks like a golf ball
- One serving of meat looks like a deck of cards
- A serving of nuts fills the cupped palm of your hand
- A serving of cheese looks like 3 dominoes

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## Did you Know? Facts about Fiber

- -Fiber is best known for moving foods efficiently through your body, but this is only one of the ways fiber contributes to good health.
- -Fiber helps prevent:
  - *Heart disease:* Fiber may aid in the prevention of heart disease by lowering your cholesterol.
  - Diabetes: Fiber helps control blood sugar levels for people with diabetes.
  - *Digestive Problems:* Adequate amounts of fiber from foods can help prevent constipation and hemorrhoids.
  - Weight Gain: A high-fiber eating plan is lower in calories and tends to make you feel full faster.
- -Found in whole grains, beans, fruits and vegetables
- -Recommended daily amount is 25 grams for women, 38 grams for men which equals approximately 2 cups of fruit and 2 ½ cups of vegetables daily
- -Increase fiber by adding vegetables to stews and casseroles, oats to meat loaf, breads and cookies as well as adding fruits as snacks and in salads

## Tips to Boost Your Nutritional Fitness Try one every day!

- 1. Try one new food from the fruit group
- 2. Have at least 1 cup of non starchy, leafy vegetables (broccoli, romaine, kale, spinach, Brussels sprouts etc.)
- 3. Have at least ½ a cup of beans or peas
- 4. Leave a few extra bites on your plate at all meals
- 5. Drink all caloric beverages out of an 8 ounce cup only
- 6. Don't waste more than one bite of food on anything that doesn't taste good (or isn't worth the calories)
- 7. Have breakfast within an hour or two of waking up
- 8. Only eat while sitting at a table
- 9. Go meatless for the day; add other protein-rich foods (beans, soy foods like tofu or tempeh, low fat dairy foods, and whole grains)
- 10. Try one new food today from the vegetable group; pick something bright in color (bright green, orange, or yellow)
- 11. To boost fiber, replace your usual 100% fruit juice with 1 cup or a piece of fresh fruit
- Instead of cooking with salt add flavor food with sodium-free herbs and spices.

Check out ABC's 2-hour series premier Friday, March 26 at 8:00 PM – Jamie Oliver's Food Revolution

http://www.hsph.harvard.edu/nutritionsource/what-should-you-eat/pyramid/; http://www.eatright.org; http://www.dieticians.ca, http://www.eatright.org/Public/content.aspx?id=6796, http://www.eatright.org/Media/Blog.aspx?id=4294968185&blogid=269