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## 72 Hour Fecal Fat Test

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### Download Patient Education

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### What is a 72 hour fecal test?

Your doctor has suggested you have a 72 hour fecal (stool) fat test as part of the evaluation at National Jewish Health. A 72 hour stool fat test is a diagnostic test that will allow your doctor to evaluate the amount of fat you digest and absorb. This test can help your doctor determine a diagnosis and the best treatment for you.

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### How do you get ready for the test?

You will need to eat 100 grams of fat each day for 5 days. This may be more fat than you normally eat on a daily basis.

You will need supplies for the stool collection (white collection hat for the toilet and a large plastic stool container). You can get these two items in the Adult Clinic Phlebotomy area.

Avoid taking medication that prevents fat absorption during the 5 days of the test. Examples include: orlistat (Xenical® and Alli®).

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### What is done during the test?

#### Days 1 thru 5:

- You will eat 100 grams of fat each day.
- You will record the amount of fat you eat each day. See the attached sample record for your use.

#### Days 3 thru 5:

- You will collect all the stool you produce each day. Place the white collection hat in the toilet to collect the stool. After you collect the stool in the hat, transfer the stool to the stool container. Keep the stool container in the refrigerator until the end of the test period.
- Once the test is complete after day 5, bring the stool in the stool container to the lab within 24 hours.

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## How can you read food labels to determine fat content?

There is a nutrition label on prepared foods that says **Nutrition Facts**. Look at this sample nutrition label. Determine the grams of fat in a prepared food you eat by following these steps:

- First, check the serving size.
  - Second, check the **total fat** in grams. This shows the amount of fat in one serving.
  - Third, multiply the number of servings you ate by the totals grams of fat in one serving. This results in the total fat grams you ate.
  - If you ate 2 servings and the total fat per serving is 10 grams, you ate a total of 20 grams of fat.
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## What foods are higher in fat?

This table contains common foods you may eat and the **estimated** amount of fat per serving, listed as over 15, 15, 10 and 5 five grams of fat per serving. If there is a nutrition label on the food, check the label for total fat.

| Foods Containing Over 15 Grams of Fat Per Serving |
|---|
| Sausage (3 ounces) 25 grams of fat                |
| Fried chicken breast with skin 25 grams of fat    |
|   |
| Foods Containing 15 Grams of Fat Per Serving      |
| Avocado (½ medium size)                           |
| Burrito with beef, beans and cheese               |
| Cheesecake (3 ounces)                             |
|   |
| Hamburger patty                                   |
| Steak (9 ounces)                                  |
| Pork chop   |
| Foods Containing 10 Grams of Fat Per Serving      |
| Bacon (2 slices)                                  |
| Cheese, cheddar (1 slice)                         |
| Cottage cheese (1 cup)                            |

|  |
|--|
| Egg (2)  |
| Ice cream (3/4 cup)                                |
| French fries (small size)                          |
| Mashed potatoes (1 cup)                            |
| Milk, whole (1 cup)                                |
| Pizza, cheese (1 slice)                            |
| Potato chips (1 ounce)                             |
|  |
| <b>Foods Containing 5 Grams of Fat Per Serving</b> |
| Almond butter (2 teaspoons)                        |
| Butter (1 teaspoon)                                |
| Cream cheese (1 tablespoon)                        |
| Cream (1 tablespoon)                               |
| Ham, deli, 2 slices                                |
| Mayonnaise (1 teaspoon)                            |
| Milk, 2% (1 cup)                                   |
| Nuts, almonds, cashews, mixed (6 nuts)             |
| Nuts, peanuts (10 nuts)                            |
| Nuts, pecans, walnuts (4 halves)                   |
| Nuts, pistachios (16 nuts)                         |
| Oil, cooked (any type) (1 teaspoon)                |
| Olives, black 8 large)                             |
| Peanut butter (2 teaspoons)                        |
| Salad dressing, regular (2 tablespoon)             |
| Seeds, pumpkin, sesame, sunflower (1 tablespoon)   |
| Shortening (1 tablespoon)                          |

Sour cream (2 tablespoons)

## How long will the test take?

The entire fat test takes 5 days once you begin the 100 gram fat diet. The doctor will review the test results and discuss them with you at a later date.

## How do you get to your test?

If you are being seen at National Jewish Health, on the day of your scheduled test, check in at the Front Desk. If you have questions please call 303-398-1355.

Visit our website for more information about support groups, clinical trials and lifestyle information.

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Fat Intake Record

| Day | Food | Fat Grams | Total Fat Grams for Day<br>(100 goal) |
|-----|------|-----------|---------------------------------------|
|     |      |           |                                       |
|     |      |           |                                       |



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