

LESSON 4:

Prenatal Care



Compiled by: Rayna Grace Talactac-Colonia, RN, RM, MAN

TOPICS

- Prenatal Care
- Minor Discomforts of Pregnancy
- Danger Signs of Pregnancy
- Nutrition During Pregnancy
- Clinic Visit

NUTRITION DURING PREGNANCY

Nutritional counseling is an important aspect of prenatal care because maternal dietary composition and maternal nutritional status has an effect on fetal growth and development.



NUTRITION ASSESSMENT

- Taking a diet history
- 24 hour diet recall
- Cultural and religious practices that influence food selection and preparation
- Eating habits and preferences
- Laboratory test for hgb and hct count at first clinic visit and repeated at 28 to 32 weeks to detect anemia.
- Calculation of Body Mass index (BMI)

Convert weight to kilograms

Convert height to meters

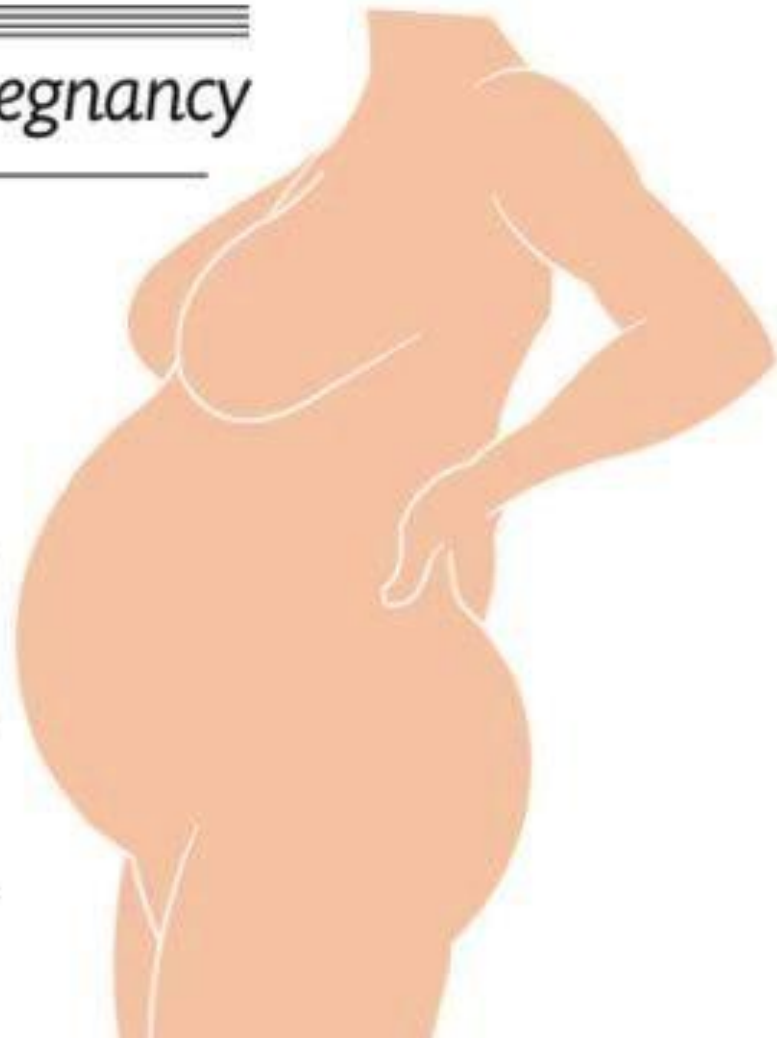
Square height in meters

Divide weight in kilograms by height in squared



Healthy weight gain during pregnancy

Pre-pregnancy BMI	Weight gain in kilograms	Weight gain in pounds
Underweight (under 18.5 BMI)	12.5-18	28-40
Normal weight (18.5-25 BMI)	11.5-16	25-35
Overweight (25-30 BMI)	7-11.5	15-25
Obese	5-9	11-20



NUTRITIONAL RISK FACTORS

- Pregnant Adolescent
- Successive Pregnancies
- Maternal Weight
- Low Income
- Pregnancy Complications and Existing Medical Conditions
- Alcohol Consumptions and Cigarette Smoking
- Bizarre Food Patterns
- Woman in Vegetarian Diets

WEIGHT GAIN DURING PREGNANCY



Infant birth weight is affected by maternal weight.

Although weight should be gained throughout pregnancy, it is most important in the second trimester and the manner of weight gain is more important than the amount of weight gain.

Recommended weight gain is 22-35 lbs depending on the woman's pre- pregnancy weight, number of fetuses and height.

Expected weight gain:

1st trimester

2-4 lbs

1 lb/month Example:

2nd trimester and 3rd trimester
10-12

lbs/trimester

1 lb per week



Example:

Julie missed 3 menstrual periods upon first prenatal visit. You weigh her and she is 99 lbs. What will be her expected weight in the next visit.

Answer: 103 lbs

Daily Nutritional Guide Pyramid for Filipino Pregnant Women



EATING PLAN FOR HEALTHY LIVING

Eat a variety of foods everyday to ensure that all nutrients are provided in proper amount and balance.

Use iodized salt and eat other fortified foods to increase the intake of micronutrients.

Source: Nutritional Guidelines for Filipinos (NGF) 2000



Family Welfare Committee
Organization of the Philippines



Food and Nutrition Research Institute
Department of Science and Technology
General Santos Avenue, Bicutan, Taguig City, Metro Manila
Tel./Fax: 857-20-34, 857-31-64
[http:// www.fnri.dost.gov.ph](http://www.fnri.dost.gov.ph)

FOOD SERVINGS

Rice and alternatives	<p>5 ½ - 6 cups of cooked rice where: 1 cup of cooked of rice is equivalent to any of the following:</p> <ul style="list-style-type: none"> ▪ 4 pcs pandesal (17 grams) each ▪ 4 slices of loaf bread (17 grams) each ▪ 1 pack (30 grams) instant noodles ▪ 1 cup cooked macaroni or spaghetti ▪ 1 small-sized root crop (180 grams) ▪ 1 cup cooked, diced root crop
Fish, meat, poultry, dried beans or nuts	<p>At least 3 ½ servings where 1 serving of cooked meat is equivalent to:</p> <ul style="list-style-type: none"> ▪ 30 g or about 30 cm cube ▪ 2 pcs medium-sized fish ▪ 1 ½ cup cooked dried beans or nuts at least 3 times a week
Egg	1 pc 3-4 times a week

Milk	<p>1 glass whole milk</p> <ul style="list-style-type: none"> ▪ 4 tbsp powdered milk or ½ cup evaporated milk, diluted with ½ cup water
Vegetables	
Green leafy	¾ cup cooked
Others	1 cup cooked
Fruits	
Vit C rich	1 medium size fruit or 1 slice of big fruit
Others	1 medium size fruit of s slice of big fruit
Fats and oils	7 teaspoons
Sugar	6 teaspoons
Water and beverages	6-8 glasses, 240 ml per glass

FOOD SERVINGS

Nutritionist

- Evaluates a client's nutritional needs.
- Provides nutritional counseling and advice to clients.
- Creates a clinical nutrition treatment plan for a client.
- Educates the public on nutrition issues.
- Researches the effects of nutrition on health and fitness.

