

with recommended quantities. (what to eat and how much) What is the name of the guideline that the UAE use?

What is a "food based dietary guideline"? Why is it important? A guideline that tells you what foods you should consume/ eat

UAE Food Dome. Main food groups Main nutrients they provide

Fruit Fiber/ vitamins/ minerals Vegetables Carbohydrates/fiber/B vitamins Cereals and their products Milk and dairy products Calcium

Protein/iron

Omega3/omega6

Fats

Meat, eggs and legumes

Healthy, active, adult women need 2000 Calories a day.

Tips/ guidelines for healthy eating:

Eat variety of foods including fruit/vegetables/lean meat/fish/

legumes/ cereals

Reduce unsaturated fat intake

Reduce sugar intake

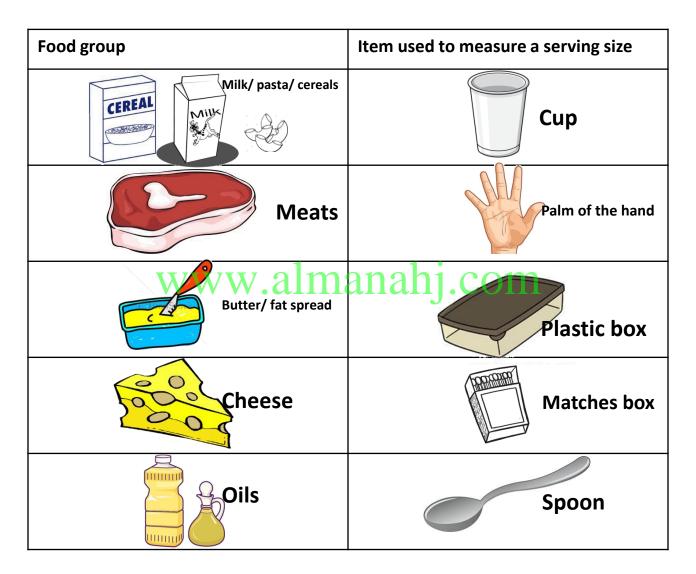
Reduce sault/ sodium intake

Drink plenty of water

Keep a healthy BMI (Body Mass Index)

Exercise regularly

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FOOD DOME

DIETARY GUIDELINES FOR ARAB COUNTRIES

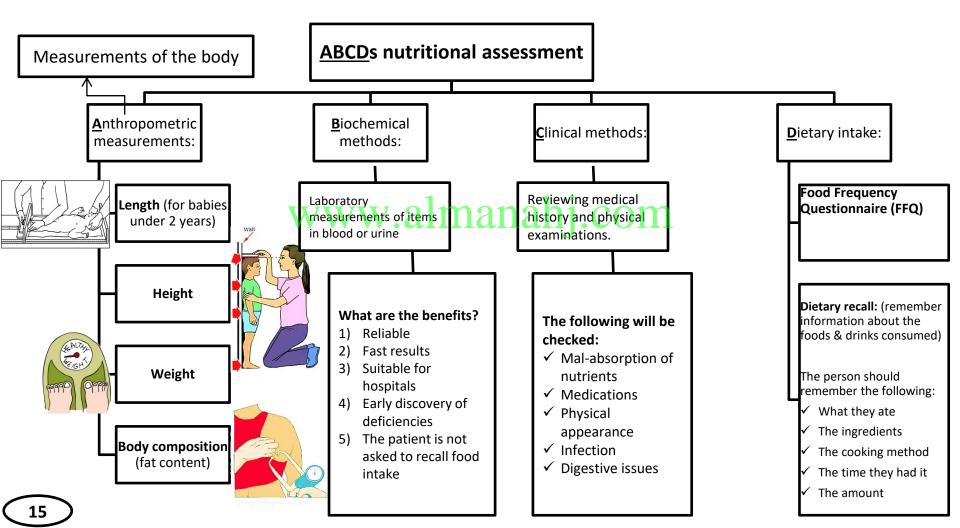


Practice medium activity like walking 30 minutes most days

Meat, eggs and legumes Vegetables		Cereals and their products	Fruit	Milk and dairy products
Choose low fat or lean meat Consume legumes at least 3 times a week Consume more fish as possible	Eat more dark green vegetables like spinach and orange vegetables like carrots	Eat at least half of cereals of whole grain Eat more of fortified cereals and their products	Eat variety of fruit Choose fruit during their seasons Drink fresh fruit juice	Consume fow fat milk and their products Consume milk fortified with vitamin D
2-4 servings/ day	3-5 servings/ day	6-11 servings/ day	2-4 servings/ day	2-3 servings/ day
One serving =	One serving =	One serving =	One serving =	One serving =
50-80g meat, chicken or fish, ½ cup cooked legumes, one egg	I cup raw vegetables, 3/4 cup vegetables juice	I slice, ¼ Arabic bread, 30g cornflakes, ½ cup cooked cereals	I medium piece of fruit, 34 cup fruit juice	I cup milk, 45g cheese, I tbs cream cheese

Lesson2: Nutritional assessment techniques

How to assess nutritional status?



Unit5: Advanced nutrition
Lesson3: Calculate body mass index (BMI)

$$BMI = \frac{weight (kg)}{height^2(m^2)}$$

Accurate weight measurement:

- 1) Make sure the scale is calibrated before measuring the weight.
- 2) Do not weight after having a big meal or doing strenuous exercises.
- 3) Make sure that your not wearing heavy clothes or shoes.
- 4) Morning is the best time to measure weight.
- 5) Take the weight in kilograms (Kg).

Accurate height measurement:

Take off your shoes.

Stand straight with good posture.

Keep your heels against the wall and feet together.

Look straight.

Take the height in meters (m).

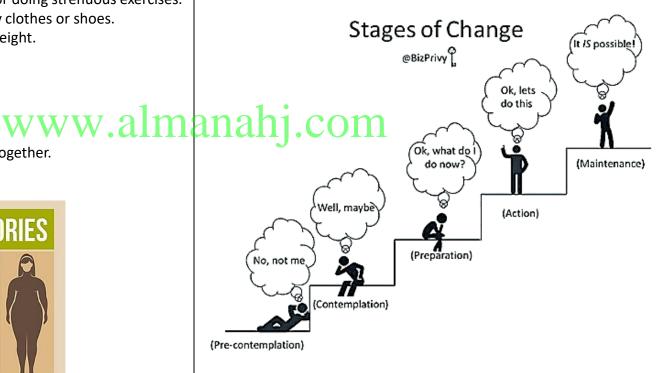


Before the person decides to lose weight they should consider the following:

Why do they want to lose weight?

Are they ready to lose weight?
How will they lose weight?

You can use the following model to help you lose weight:



Non-communicable disease	Diabetes	Heart disease	Renal disease	Bone disease
Definition and how it happens	Problems in producing "type1" or responding "type2" to insulin	When the arteries (coronary artery) are blocked with fatty layers (plaque/ cholesterol) which may lead to heart attack	Condition of the kidneys	Osteoporosis (weak/ brittle bones) and osteopenia
Controlling strategies and dietary recommendations Unit5: Advanced nutrition Lesson4: Blood glucose monitoring and dietary advice for the management of diabetes mellitus, overweight and obesity	How to control blood glucose? 1) Eating healthy diet. 2) Do physical activities. 3) Take prescribed medication. 4) Check blood glucose when to measure blood glucose/ sugar? *Before: a meal/ exercise/ going to sleep. *Two hours after a meal. *Hyperglycemia (high blood sugar) hypoglycemia (low blood sugar. *Change in physical activity. Healthy eating guideline for diabetes: *Choose low-fat & low-sugar snack. *Choose wholegrain (fibers are good for digestion and keep you full for longer). *Eat whole fresh fruit & vegetables.	Dietary changes: *Cut down on saturated & trans fats. *Eat healthy fats (unsaturated) found in salmon/ trout/ mackerel/ nuts/ seeds/ avocados. *Reduce salt intake and processed food. (sodium increase blood pressure and harm the heart) *Eat plenty of fruit & vegetables. *Eat starchy food without adding fat to them they are full with fiber. *Potassium help to lower blood pressure.	Dietary guidelines: *Reduce protein intake. (too much protein means that the kidneys must work extra hard because of the byproducts they produce) *Increase simple sugar & vegetables fats intake to get enough calories. *Reduce potassium intake by avoid eating: Avocados Bananas Milk & dairy products Nuts & seeds Potatoes *DASH diet prevent the formation of kidney stones. *Reduce phosphorus intake.	Dietary guidelines: Take enough calcium + vitamin D Calcium sources: *Milk & dairy products (yoghurt/ cheese). *Dark green leafy vegetables. *Sardines with the bones. *Soy products. *Fortified foods like cereals. Vitamin D sources: *Sun *Eggs *Oily fish *Fortified foods Avoid: *Caffeine and carbonated sugary drink "soft/ fizzy drinks" (reduce Ca absorption) replace them
17	Reduce sugar and saturated	est of luck: Maitha Taleb Saeed		with low-fat milk or water.



Therapeutic diets

DASH diet

(Dietary Approaches to Stop Hypertension)

Recommendations include:

Whole grain bread, cereals & potatoes (6-8 servings)

Fruit & vegetables (4-5 servings each)

Low-fat milk and dairy products (2-3 servings)

Grilled lean meat & poultry (2 or less servings)

Nuts, seeds & legumes (4-5 servings weekly)

Unsaturated fats & oils (2-3 servings) "saturated fats should be avoided" such as: processed food/lard/coconut oil.

Reduce sugar intake.



Allergy diets



















Eggs

Fish

Milk

Soy

Peanut

Gluten (wheat)

allergen.

*Don't store the allergen with other food.

Tips to avoid cross-

contamination:

*Use separate preparation area.

*Check food labels for the

*Clean the area carefully after using the allergen.

*In restaurants tell them about your allergy.

Symptoms:

Anaphylaxis (sever

reaction to certain

foods)

Breathing difficulties

Itchy rash.

Rapid heart rate.







