

SUMMARY

Generally speaking, food is very essential for human live, but in particular it is more essential for infants and children . In infant the quantity and the quality of foods affect the growth of body and mentality . The best source of infant feeding is the breast milk . But sometimes the feeding with the breast milk is difficult as in case of death of the mother, if the health of the mother can not permit the breast feeding as in T.B and if the mother has twins etc.. So artificial feeding is needed either by fresh animal milk , dried types of milk and the milk substitutes . So many companies in different countries direct their efforts to produce these types of foods .

Therefore I shall study all types of baby foods in the Egyptian market with the study of their composition, methods of preparation , values and their indicators .

This study aims also to know the range of the knowledge of the mother's about the value of these types and time introduction in the infant feeding and their adaptation to healthy infants and different diseased cases of infants.

The study also aims to compare the different milk substitutes as their feeding value and their economic value . So I shall classify all types of foods into 2 main groups .

I- Foods used for healthy infants :- They are arranged chronologically according to the age of the infants. It includes the following :-

1. Dried milks :

- a) Humanized milks e.g: S.M.A, S-26 , Similac Aptamil , Bebelac No 1 .
- b) Half cream e.g 1 Nestogen, Milumil, Bebelac Z 12, Enfamil
- c) Full cream milks e.g : Nido, France- lait , NoNo , Carnation, Fresiana .

(b)

2. Milk Substitutes :-

- a) Food used for infant of one week age old. e.g.
Galactina Rice Gruel .
- b) Foods used from the 1 st month e.g : Beledine
Rice and Tapioca, Beledine Maize.
- c) Foods used from the 3 rd months e.g : Beledine
mixed fruits, proto-cereal, Beledine 5 cereals,
Milupa Milk with Rice, Riri and Galactina-3-vege-
tables
- d) Foods used from the 4 th months e.g: Supramine
Beladelac, Beledine Honey with cereals, cerelac,
Phosphatine cereals, Milupa apple, Farlene.
- e) Foods used from the 5 th months : Galactina-3-
Fruits, Fruti Kream.
- f) Foods from the 7 th months e.g. Beledine with
chocolate and Dieterba.

II- Foods used in special cases : They are classified into :

- A) Acidified milks e.g.. Bebelac acidified, Bebelac No 9
Belargone, proditone . It used in the following:
 1. Prematures .
 2. deficiency diseases .
 3. In convalescence .
 4. Baby with G.I.T. troubles .
- B) Soya milk : e.g. Isomil, Prosabee. It is free from
lactose sugar and it contains no animal milk or milk
products .

It used in the following cases :-

1. Allergy
2. Diarrhea due to lactose of milk
3. Intestinal troubles .
4. acute and chronic diarrhea .

(c)

C) Diets used during diarrhea . e.g. Milupa special Formula, phosphatine with rice and carrots, Arobon, Camegel , Caril , used in :

- 1- Diarrhea due to lactose of milk .
- 2- Coeliac disease .
- 3- Acute diarrhea .
- 4- Convalescence from diarrhea .

Material and Methods :-

We take about 150 cases from Benha hospital out clinic Maternal and child Health center and some rural areas in Benha center.

75 of them were male . 75 of them were females . They are examined for :

- * Type of feeding , quantity , age of weaning .
- * History of movement and its relation with type of feeding.

RESULTS :

We find about 120 cases from 150 are breast feeding and 7 % are feeding artificially and 13 % mixed feeding both artificially and breast feeding . Nearly all infants have different nutritional diseases disorders in the form of delayed teething, delayed sitting alone, delayed creeps, walking and rickets. This is due to ignorance of the mothers about the nutritional health habits and knowledge . All of them nearly depends on rice water, rice itself as an external diets for baby and not give their baby other foods like egg yolk, cheese, vegetable soup and fresh juices like orange , and lemonades .