

## The awkward age

—so it used to be called. We now think the Teens have a grace of their own and we encourage their new interest in appearances. Footwear is still a problem because the Teens are still growing. Clarks, who take the Teens seriously, make good-to-look-at shoes with a little extra space at the toe for growth. These shoes are made in several widths to each size, the right width decided by means of Clarks special footgauge which measures for *girth* as well as for length and breadth. A well-fitted Clarks shoe keeps smart and, even more important, it keeps growing feet straight and strong.

**Clarks**  
SHOES

Established 1825

*As an Antacid  
or in febrile conditions*

*Invalid*

**Lembar**

*justifies the doctor's highest  
recommendation. Obtainable  
from registered Pharmacists*

Lemon Juice . . . . .	38.0% w/v
Sucrose . . . . .	23.7% w/v
Liquid Glucose B.P. . . . .	28% w/v (equivalent to Dextrose (Mono- hydrate) 10.5% w/v)
Barley (Sol. Extract) from 7.4% w/v	

Plus flavouring and permitted preservative.

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

## Protein deficiency

### Some new facts about amino acids

EVERY physician is familiar with the problem of delayed convalescence associated with loss of weight. Recent medical research into the metabolism of protein after illness, injury or shock, throws a new light on a vexed problem.

Some ten amino acids are known to be essential in the diet. They must be ingested, for they cannot be made in the body. In this they resemble most vitamins, but unlike vitamins, they cannot be stored. By building tracer elements into synthetic essential amino acids, it has been possible to show that these substances are immediately built into protein tissues. From this it follows that tissue protein is constantly being broken down and built up anew.

The acute stage of illness or injury is marked by a vastly increased urinary nitrogen excretion. This catabolic phase, as it is called, is believed to be due to protein-raiding on the part of the patient in order to

provide an increase of the essential amino acids needed for repair. After a short initial period, it is known that a high intake of first-class protein in the diet is capable of reversing the negative nitrogen balance.

Where there is loss of weight, there is frequently loss of appetite also. The ideal protein diet, therefore, is one which will tempt the palate and which will throw no undue strain on the digestive processes.

The particular advantages of Brand's Essence in the above conditions are:—

1. It is soluble animal protein of high biological value.
2. It promotes gastric secretion.
3. It is extremely palatable.
4. As it can be taken as a jelly or a liquid, it is easy to ingest, digest and absorb.

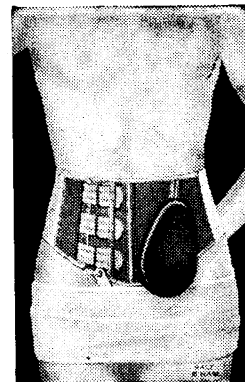
Issued by the makers  
of BRAND'S ESSENCE



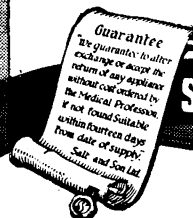
HIGHLY SATISFACTORY RESULTS  
follow the adoption of

### SALT'S PATENT COLOSTOMY BELT

Since we first introduced this Belt we have supplied many hundreds, and the results have been highly satisfactory. Outstanding advantages are: (1) Receiver is detachable and sterilizable by boiling; (2) Bag easily removed without removal of belt; (3) Bag easily emptied and washed; (4) No crevices or metal fittings to hold faeces; (5) Smell reduced to a minimum; (6) Less bulk than the old style. Bags are easily and economically replaced. Further details and Measure/Order forms available to professional people on request.



Appointments at London address: 1,  
STANLEY HOUSE, 103, Marylebone  
High Street, London, W.1  
Tel.: Welbeck 3034



**SALT & SON LTD** BIRMINGHAM 2.