



a palatable presentation  
of pancreatin granules

## **ZYPANAR** the acceptable form for long term treatment of Cystic Fibrosis

Zypanar is an improved form of pancreatin and is palatable and consistent potency.

The granules are wax coated to give protection on reaching the small intestine for optimum effect.

They may be given in warm drinks or sprinkled on food.

### **Formula**

Zypanar granules contain proteolytic and amylolytic activity equivalent to Pancreatin 3.N.F. It also contains lipolytic activity equivalent to not less than 20 lipase u./gm. (Willstater).

### **Indications**

Cystic Fibrosis · Steatorrhoea  
Other symptoms of Pancreatic Deficiency.

**Packs** Bottles of 200 and 500 grammes.

*Full information available on request.*

**Armour Pharmaceutical Company Ltd., Eastbourne, Sussex.**



JA9/ZY/3

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a very potent allergen  
to which very many asthma  
patients have become sensitized<sup>1</sup>"



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specific hyposensitisation with

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<sup>1</sup> Acta Allergologica (1969), XXIV, 115

<sup>2</sup> Annals of Allergy (1971) 29,578 DM539

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# In phenylketonuria Aminogran improves the quality of family life

"The children accepted it (Aminogran) easily and fed it to themselves instead of having to be spooned or force fed, and consequently the quality of family life improved."

*(Arch. Dis. Childh., 1970, 45, 640)*

Compared with previously available foods

## Aminogran

- ☐ is less unpalatable
- ☐ is smaller in bulk so that the child is able to eat larger amounts of phenylalanine-free foods
- ☐ can be given as a medicine so that it does not spoil the rest of the meal
- ☐ allows a diet which appears more similar to that of the normal child

Each carton of Aminogran includes a 150g container of amino acid food supplement and a 50g container of mineral mixture.

*Full information is available on request.*



Aminogran is a trade mark of Abbott Laboratories

LONDON E2 6LA

# Admit an emergency. Admit a case for Ceporin.

A child has been admitted.  
She's been vomiting, is now comatose and  
has neck rigidity.  
She also has an ear infection which hasn't  
responded to penicillin treatment.  
It all points to meningitis.  
And a penicillin-resistant organism.  
You'll admit there's a case for Ceporin.

Ceporin kills the majority of gram-positive  
and gram-negative organisms.  
It also kills the penicillin-resistant staph.  
And it's as painless as an injection can be.

When you suspect meningitis, you can  
trust Ceporin to act fast.  
Give it intravenously. Give it intrathecally too.  
So you can ensure adequate CSF levels.  
And eradicate the infection.

With meningitis you're dealing with  
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the case for Ceporin.

## Ceporin

**Glaxo** 

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# CHILDREN'S

## first

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## fast

SEPTRIN rapidly obtains effective blood, urine, and kidney tissue levels with simple twice daily dosage.

## decisive

SEPTRIN ensures coverage against a wide range of pathogens, and septrin crushes bacterial resistance with a bactericidal action which differs essentially from that of the antibiotics.

## SEPTRIN is a penicillin

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## has accurately assayed lipase activity

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can be adjusted to cover the exact amount  
of fat in the patient's diet

**Cotazym** is the only pancreatic extract with known, measurable and constant lipase activity, in addition to adequate measured amounts of trypsin and amylase. It allows simple but accurate estimation of dosage ensuring greater control over dietary intake.

**Each capsule contains:**

lipase sufficient to digest 17g dietary fat  
trypsin sufficient to digest 34g dietary protein  
amylase sufficient to digest 40g dietary starch.

**Indications:**

pancreatic deficiency states including post-gastrectomy malabsorption, fibrocystic disease and gastro-intestinal disorders resulting in steatorrhoea.

**Dosage:**

dosage is calculated on the fat digesting power of the lipase.  
2 to 3 capsules taken with each main meal and one capsule with a snack is sufficient to cover normal daily fat intake.  
The contents of the capsule should be sprinkled over the food.



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Neonatal Jaundice**

Neonatal jaundice is potentially dangerous and can lead to kernicterus, i.e. damage to the central nervous system. This applies in particular to the premature infant.

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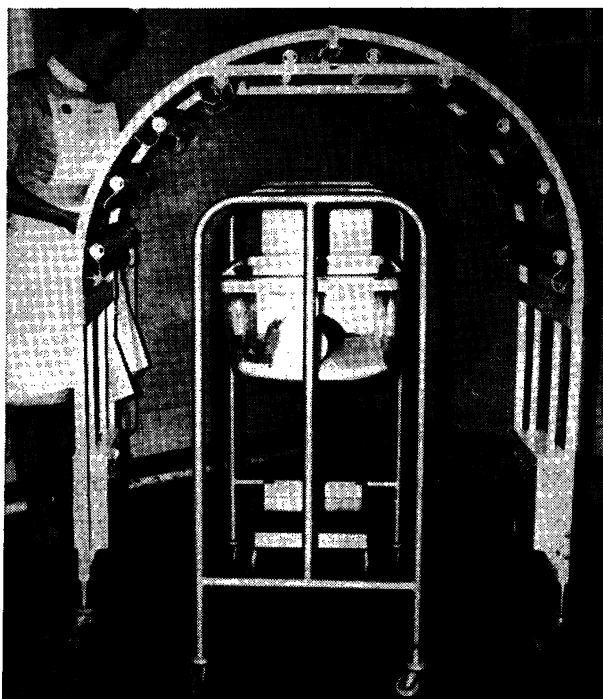
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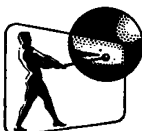
Exterior finish is white enamel, thus assisting in re-radiation of random light rays and giving maximum available irradiation of the infant.

**Dimensions**—Adjustable height: Maximum 65" Minimum 51" (Measured from floor level to apex of tunnel).  
Width: 46" Length: 25".



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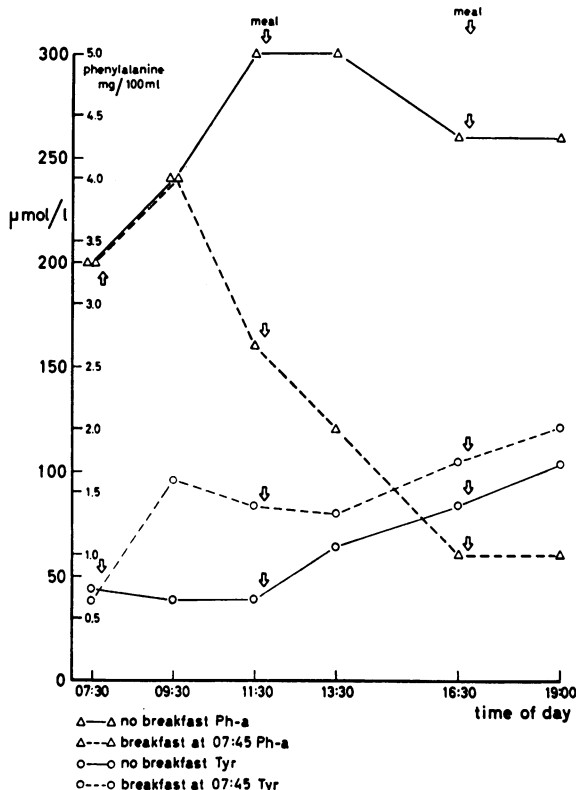
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# Metabolic Aspects of Disease

Treatment of inborn errors has advanced our basic knowledge of disease. Metabolic problems are also a frequent consequence of disease.



Day-time variations in serum phenylalanine (triangles) and tyrosine (circles) in a phenylketonuric child having his first meal as usual at 07.45 hours or fasting until 11.45 hrs. Note the phenylalanine depressing effect of the breakfast (phenylalanine-restricted meal with Albumaid (R) (Güttler, Olesen & Wamberg—Kennedy Institute—Denmark in *Enzymopenic Anaemias, Lysosomes and other papers*, pages 149-158 E. & S. Livingstone.)

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