

Tegretol[®] controls seizures without sedation *and* improves behaviour and mood



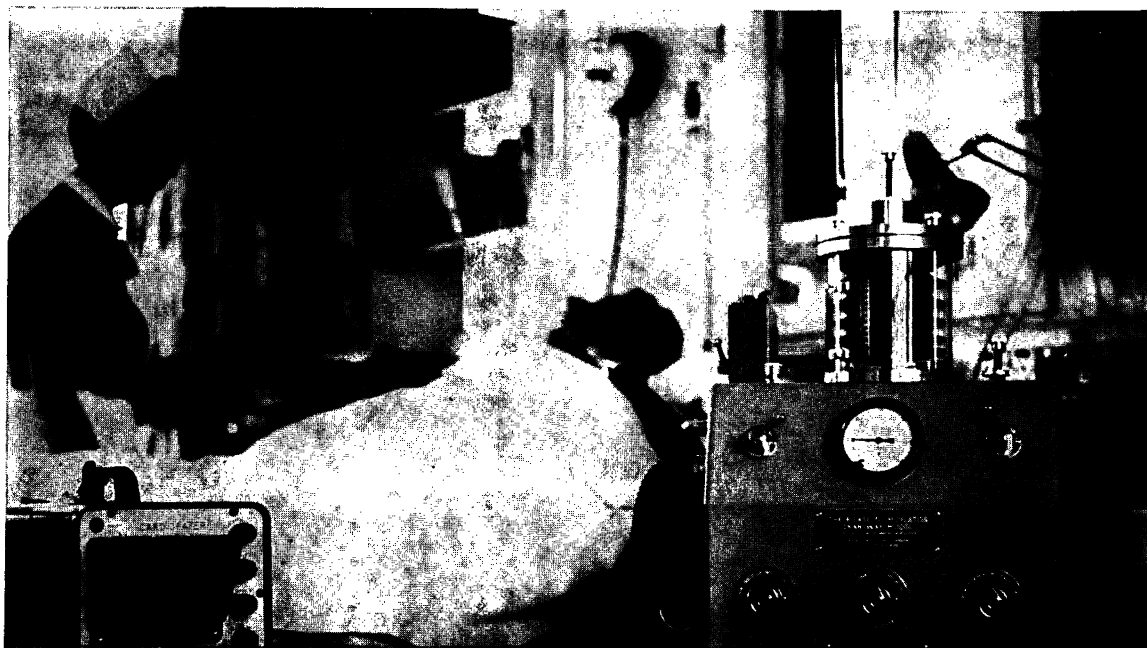
Geigy

Tegretol[®] is available as white, scored, compressed tablets containing 5-Carbamoyl-5H-dibenz (b, f) azepine (Carbamazepine) 200 mg.

Detailed literature describing any Geigy product will be supplied on request.

Geigy (U.K.) Limited
Pharmaceuticals Division,
Macclesfield, Cheshire.

Pyopen and serious Gram-negative infections



Respiratory Tract Infections

Pyopen—a Record of Success

In published clinical papers, most of the 107 patients with respiratory infections treated with Pyopen had a history of chronic lung disease. Nevertheless Pyopen produced clinical cure or improvement in 85 (80%) of them.

Pyopen—in the critically ill

One author referring recently to the shortcomings of alternative agents found that high-dosage Pyopen led to impressive clinical results in seven "desperately ill" patients:

"Four of these patients showed great improvement, two improved slightly, and in one there was failure. In six out of seven there was complete clearance of the pseudomonas organisms from the sputum and in five the sputum was still clear two months later."

Brit. med. J., (1970) 1, 663.

Pyopen—in Cystic Fibrosis Patients

Pyopen was administered to 41 cystic fibrosis patients during 43 episodes of pulmonary infection due to pseudomonas.

33 (77%) showed a "favourable response".

7 (16%) showed a "fair response".

The dosage scheme was 300—350mg per Kg. daily.

Antimicrobial Agents & Chemotherapy, (1969), 292.

Pyopen—Penicillin Advantages

Pyopen shares the low toxicity of the penicillins so that effective, high-dosage therapy is practicable. Pyopen is uniquely suitable for sustained courses of treatment, and for patients with inadequate renal function.

DAILY DOSAGE RECOMMENDATIONS

Respiratory Tract Infections	Pseudomonas
ADULTS (in divided doses)	20-30G I.V.
PAEDIATRIC (in divided doses)	250-400mg I.V. per Kg. body weight.

Contra-indications: Penicillin hypersensitivity.

Side-effects: As with other injectable penicillins.

High dosage is vital to the success of Pyopen therapy—please consult current Pyopen literature.

Full information is available on request.

PYOPEN-effective in serious Gram-negative infections



Pyopen* (Carbenicillin sodium B.P.) is a product of British research at
Beecham Research Laboratories Brentford, England
originators of the new penicillins

*regd.



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a major advance
in the treatment of
the acute leukaemias

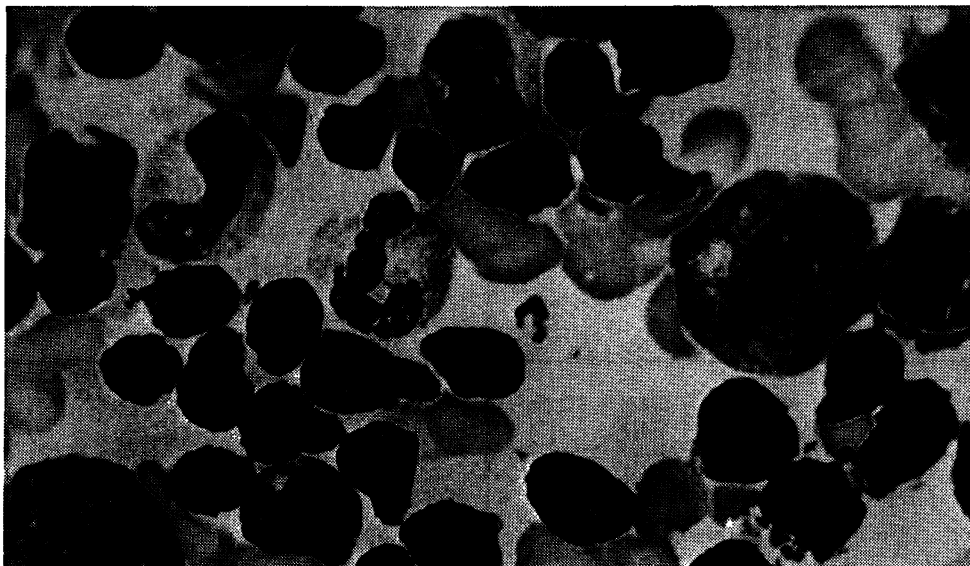


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"From now on daunorubicin will take its place among the major medicaments for treating acute leukaemias." (*translation*)
Presse méd., 75, 955, 1967

"The most striking feature of this treatment is the rapidity of its effect."
Lancet, ii, 27, 1966

Detailed information is available on request



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Only an injectable antibiotic penetrates quickly to the tissues, giving rapid, high blood levels. And Ceporin (cephaloridine) is the injectable antibiotic to use. It has a high level of safety in the prophylaxis and treatment of the neonate and there are no problems in administering the drug to the newborn. Ceporin has a range of activity that includes penicillin-resistant staphylococci as well as many of the gram-negative bacteria commonly responsible for infections during the neonatal period. It is free from hazards such as competition with bilirubin,

"grey-syndrome" and bone marrow depression. Ceporin has very low toxicity, little cross-sensitisation with penicillin and is virtually painless on injection. When you need the better response of an injectable antibiotic for paediatric practice, you can rely on Ceporin. Write to Glaxo Laboratories, Greenford, Middlesex for more detailed literature on the use of Ceporin (trade mark) in your unit.

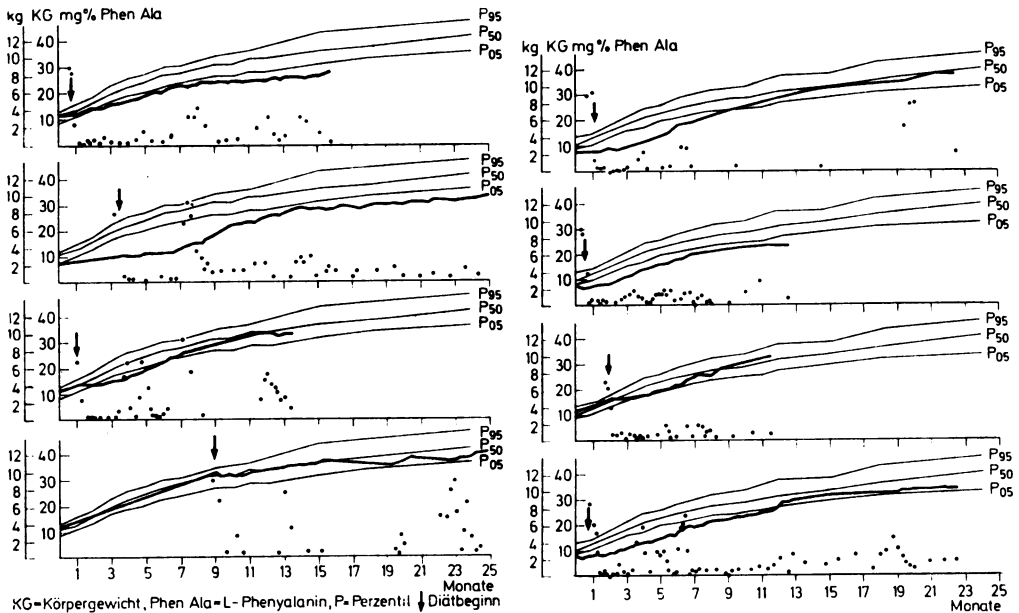
Glaxo 

Ceporin—the injectable antibiotic you can rely on

PHENYLKETONURIA

(A problem that was)

PROGRESS FROM WEST BERLIN



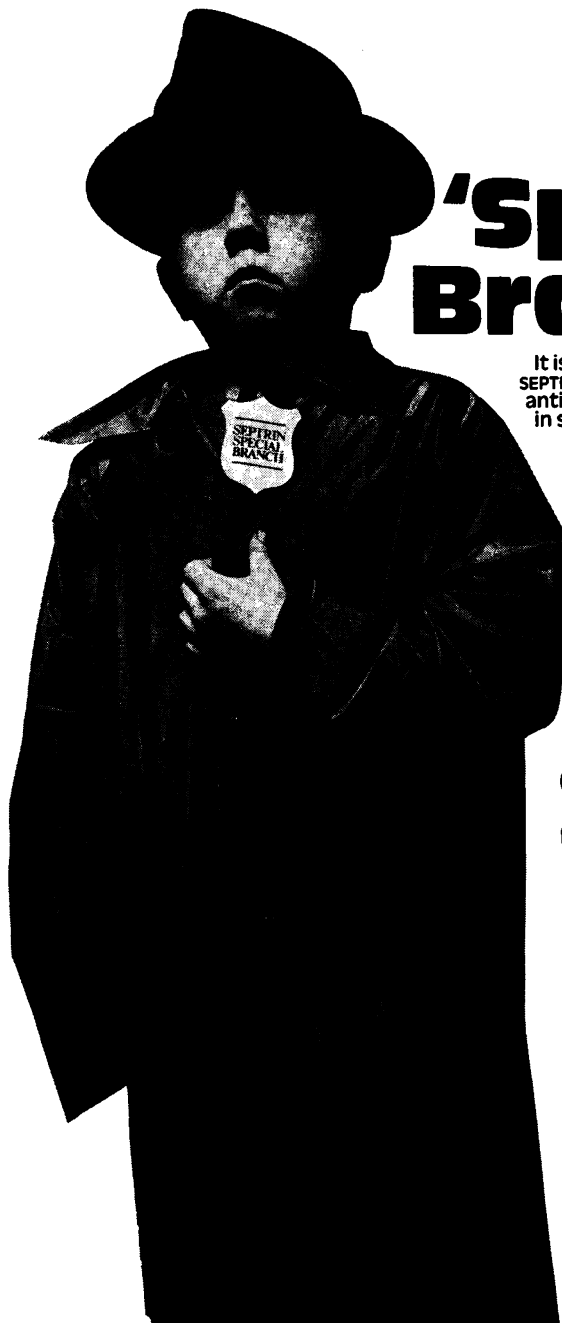
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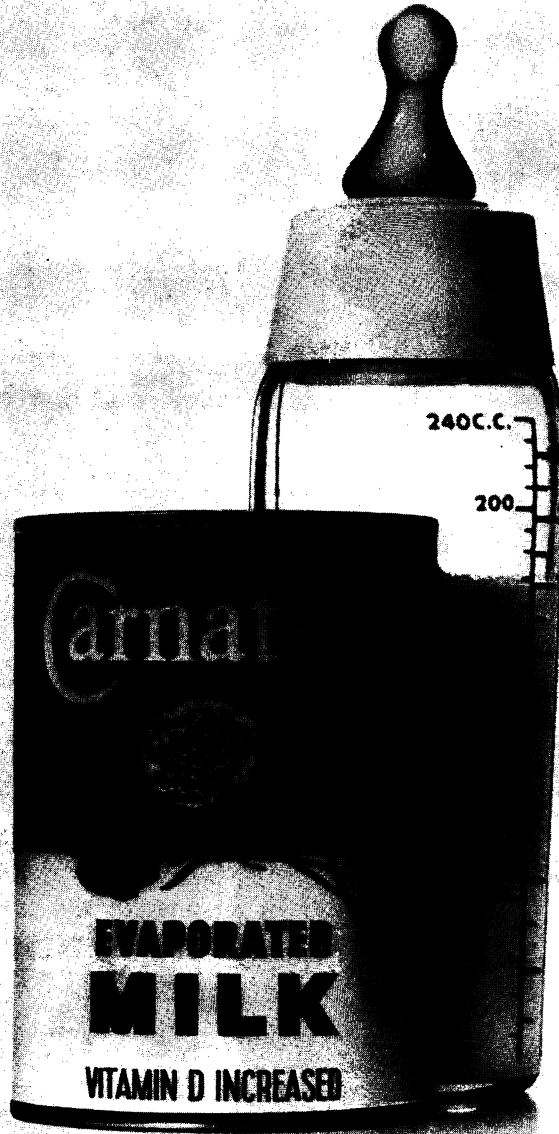
Its exceptionally rapid absorption and decisive bactericidal action are a great help in combating the problems encountered when treating bronchitis and UTI in children.

SEPTRIN Paediatric Suspension and SEPTRIN Paediatric Tablets contain trimethoprim and sulphamethoxazole which act together against a broad spectrum of Gram-negative and Gram-positive pathogens.

SEPTRIN PAEDIATRIC SUSPENSION in bronchitis and UTI *Trade Mark

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Only an injectable antibiotic penetrates quickly to the infected tissues, giving rapid, high blood levels and a better and more reliable response. And Ceporin (cephaloridine) is the injectable antibiotic to use. It gives a rapid kill of sensitive bacteria and is highly active against most gram-positive organisms (including penicillin-resistant staphylococci) and many gram-negative organisms—especially *E. coli*, many strains of *Klebsiella pneumoniae* and *Haemophilus influenzae*. In addition Ceporin has very low toxicity, little cross-

sensitisation with penicillin and is virtually painless on injection. When you need the better response of an injectable antibiotic in your unit, you can rely on Ceporin. Write to Glaxo Laboratories Ltd, Greenford, Middlesex, for detailed literature about Ceporin (trade mark).

Glaxo 

Ceporin – the injectable antibiotic you can rely on



"Kanamycin remains the drug of choice for serious Gram-negative infections. Treatment should be started as soon as the diagnosis is suspected"¹

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infections... need immediate positive action

In septicaemia : prompt use of Kantrex Injection can prevent shock and may also have beneficial effects on patients already in shock.²

In neonatal sepsis : "Because Kanamycin is highly effective against almost all Gram-negative organisms causing disease in the neonate—except pseudomonas—this agent is employed initially."³

In Gram-negative and/or staph pneumonia : bactericidal coverage prior to culture results. Kanamycin most successful antibiotic in E. coli. pneumonia.⁴

REFERENCES

1. Post. Grad. Med. J. (1967) (May supplement) P.44.
2. Ann. N.Y. Acad. Sci. (1966) 132:848
3. Hospital Practice (1967) 2:54
4. Brit. Med. J. (1967) ii:374

Kantrex^{*}

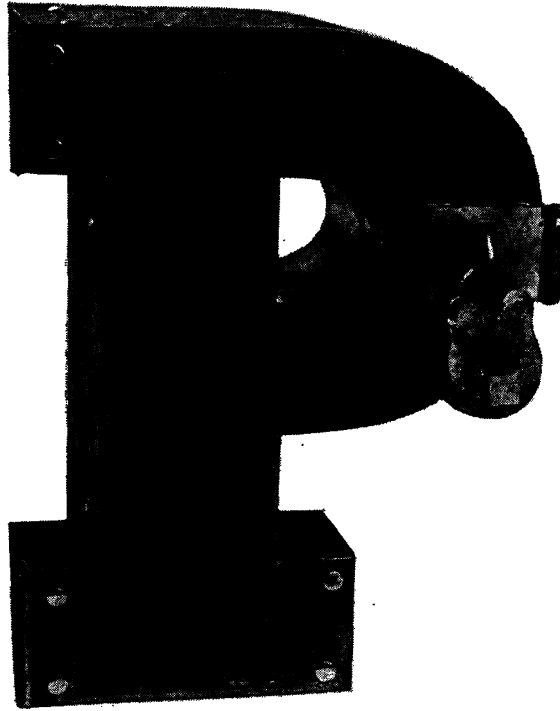
Injection (kanamycin sulphate)

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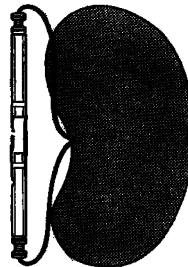
Whatman Sodium Cellulose Phosphate is an ion exchange substance with a particular affinity for divalent cations such as calcium. When ingested with meals it will thus absorb dietary calcium, releasing an equivalent amount of sodium.

Sodium Cellulose Phosphate, in so far as the cellulose part of the molecule is concerned, remains unabsorbed in the gut; very little of the ester phosphate is hydrolysed and absorbed – a minute quantity compared with the normal dietary intake. Toxic reactions are therefore very unlikely.

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hypercalciuria (the commonest single cause of renal stone formation), osteopetrosis, idiopathic hypercalcaemia of infancy, hypercalcaemic sarcoidosis and vitamin D intoxication.



REFERENCES:

- 1 *Clin Sci* (1964) 27, 417.
- 2 *Clin Sci* (1964) 27, 463.
- 3 *Arch Dis Childh* (1965) 40, 7.
- 4 *J Royal Coll Physcs* (1968) 2, 358.
- 5 *J Clin Endocrin Metab* (1968) 28, 1829.

Full information is available on request.

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Meningitis

demands a powerful antibiotic safe enough for neonates

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Penbritin has proved extremely successful in treating meningitis. This single antibiotic brings to meningitis therapy a considerable advantage for it is effective without the inconvenience of mixtures or triple therapy.

Penbritin has all the safety of a penicillin—which is especially important in treating meningitis, because such a high percentage of patients are neonates and young children. In over 1,600 published references, permanent or serious side-effects have hardly ever been noted, although the possibility of penicillin hypersensitivity has to be borne in mind.

Penbritin's virtual non-toxicity allows administration in appropriately high doses without added danger to the patient. Because in meningitis **Penbritin** crosses the 'blood-brain barrier' it is highly effective when given intramuscularly or intravenously, often without recourse to intrathecal injection.

† Ampiclox*, or a combination of **Penbritin** and **Orbenin*** given separately, should be used when penicillin resistant staphylococci are suspected.

Dosage in Meningitis

Children : First 48 hours, 150 mg./kg. daily I.V. by infusion or 4-hourly injections.

Thereafter until temperature has been normal for five days and pus cells have disappeared entirely from the CSF, 100 mg./kg. daily I.M. by 4-hourly injections.

Intrathecal therapy :

Up to 2 years : 5-10 mg. once daily
2-12 years : 10-20 mg. once daily

Adults : First 48 hours : 6 grams daily I.V. by infusion or 4-hourly injections.

Thereafter (see above) : 4 grams daily I.M. by 4-hourly injections.

Intrathecal : Up to 40 mg. once daily.

Contra-indications : Penicillin allergy.

Side-effects : As with other penicillins.

Full information is available on request.

Availability



Penbritin



Penbritin* (ampicillin B.P.) is a product of British research at **Beecham Research Laboratories**, Brentford, England. **originators of the new penicillins**

*regd.





Com. privi. Sa. Co. M.

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J. Maubon sculp. et incid. 1803

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Pancrex V

References:(1968) Gut, 9, 576
(1964) Diseases of Children, Blackwell, Oxford
(1962) Diseases of Infancy and Childhood, 8th Edn., Churchill, London
(1960) Lancet, 1, 365
(1958) Brit. Med. J. 2, 1039.*

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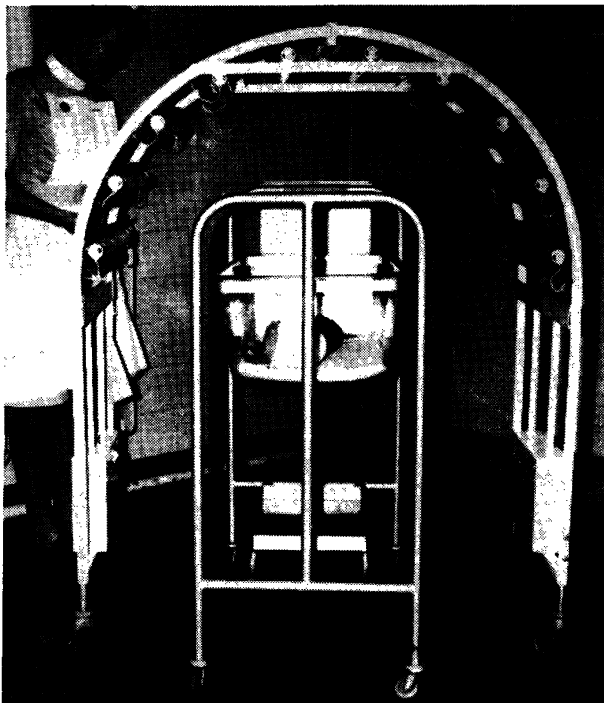
It has been shown, that in some cases of neonatal jaundice, serum bilirubin levels can be reduced by exposing infants to an artificial light source of suitable wavelength, i.e. 420m μ to 480m μ (Blue Light).

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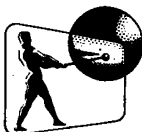
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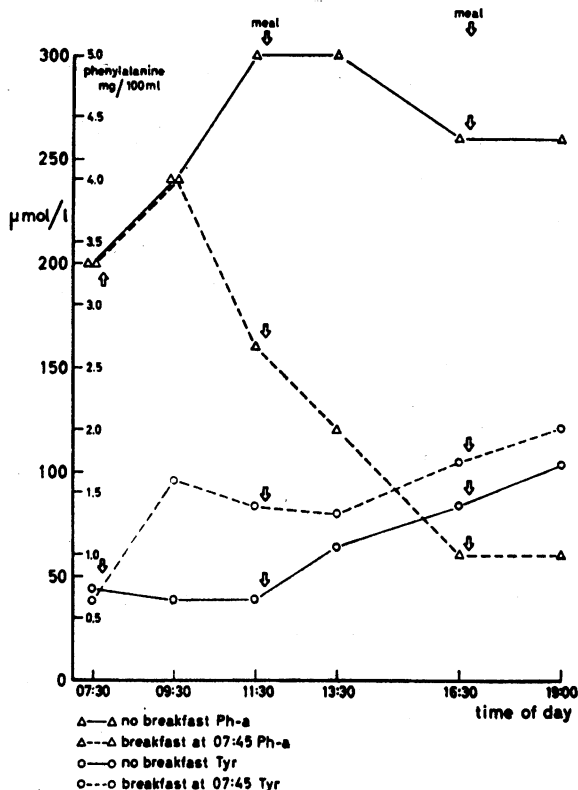
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