



“This effect from percutaneous absorption may not be uncommon in infants and young children with all topical steroids. Local applications should be limited to the least amounts compatible with an effective therapeutic regimen.”

Lancet (1969) 1,485

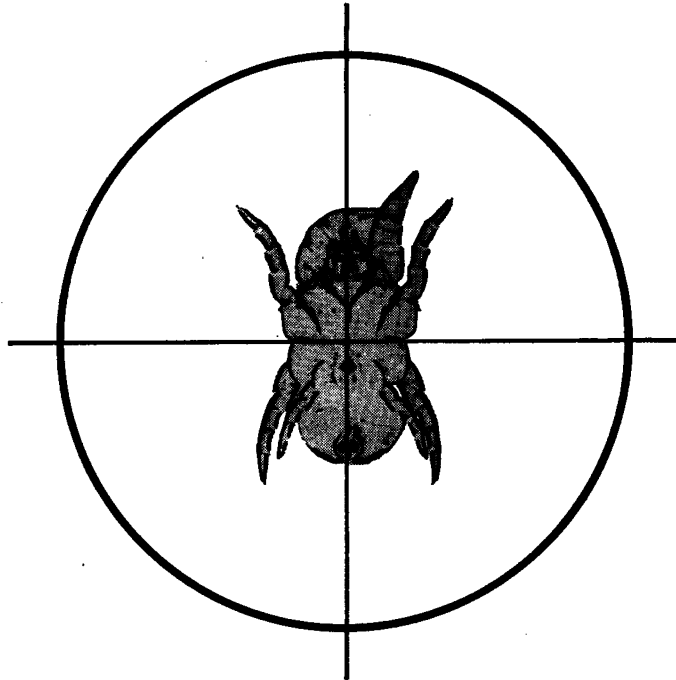
Now you have **ultradil**  current thinking in topical corticosteroid therapy

Ultradil is a ready-prepared dilution of a modern effective skin steroid designed to conform with current dermatological thinking, which is increasingly against the too-liberal use of potent, full-strength formulations. Ultradil, with one ingredient in one strength in a single pack size, simplifies

your prescription for dilute topical corticosteroid therapy.

Ultradil contains 0.1% fluocortolone hexanoate BP and 0.1% fluocortolone pivalate BP. Plain Cream and Plain Ointment in 50G tubes at a basic NHS price of 60p. Full information available on request.

**Schering Chemicals Limited,
Pharmaceutical Division, Burgess Hill, Sussex**



you always knew
the house dust mite
was the target...

**unfortunately, you didn't have a
bullet to fire-until now!**



The house dust mite (*Dermatophagoides* sp.) has been known as an important factor in house dust allergy for some time now. With the aid of the Dome glycerinated extract of house dust mite, many doctors have shown that allergic symptoms, of

previously unknown cause in some patients, may in fact be due to the house dust mite.

For the first time, it is now possible to offer these patients a course of hyposensitisation using . . .

mite fortified house dust

an addition to the range of

Allpyral

allergen extracts

Full information is available on request

 **DOME** LABORATORIES, DIVISION OF MILES LABORATORIES LTD 
STOKE COURT, STOKE POLES, SLOUGH, BUCKS. TEL: FARNHAM COMMON 2151

ALLPYRAL is a trademark
DM 383

Even the corn syrup solids in PROSOBEE* are hypoallergenic

PROSOBEE contains two types of carbohydrate—sucrose and corn syrup solids. Corn syrup solids is the common name for the product resulting from the hydrolysis of cornstarch.

In the production of cornstarch, the corn grain undergoes an extensive refining process. During this process, the germ, oil, crude fibre and protein fraction are removed. The cornstarch is hydrolyzed to produce a syrup and this syrup is then dried to produce a solid.

So, corn syrup solids is only a mixture of various carbohydrates derived from the processing of corn.

It is generally agreed that whole proteins are implicated in allergic responses. Corn syrup solids contain no intact protein and have only a trace (0.01%) of non-protein nitrogen. In essence, the corn syrup solids in PROSOBEE are considered to be hypoallergenic.^{1,2.}

In Summary

1. PROSOBEE uses corn syrup solids as a source of carbohydrate—but cornstarch and corn oil are not utilized in PROSOBEE.

2. Corn syrup solids contain no intact protein—total nitrogen in dried corn syrup is only 0.01% or one part in 10,000. And, as indicated above, this is non-protein nitrogen.

3. Therefore, PROSOBEE can be used with confidence to feed infants who might be allergic to corn.

References

- 1: *Am. J. Dis. Child.*, **49**: 307-317, 1935.
2: *J. Allergy* **21**: 500-509, 1950.

The Mead Johnson Range of Nutritional Products

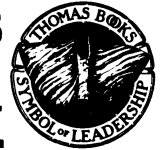
| | |
|---------------------|---|
| PROSOBEE | Concentrated Liquid—Milk-free formula for all forms of milk intolerance |
| † SOBEE | Powder—Soya based infant formula for milk intolerance |
| † NUTRAMIGEN | Powder—Hydrolysed protein formula for protein allergies |
| † LOFENALAC | Powder—Complete formula for phenylketonuria |
| † PORTAGEN | Powder—Complete Medium Chain Triglyceride formula for fat intolerance |
| † MCT | Oil—Medium Chain Triglyceride oil |
| NUTRAMENT | Liquid—Complete 400 calorie liquid meal |

Full information on all products available from Nutritional Advisory Service.

Mead Johnson Laboratories, Stamford House, Langley, Bucks.

† These products may be prescribed on Form E.C.10 for the treatment of specific conditions. *Trade mark

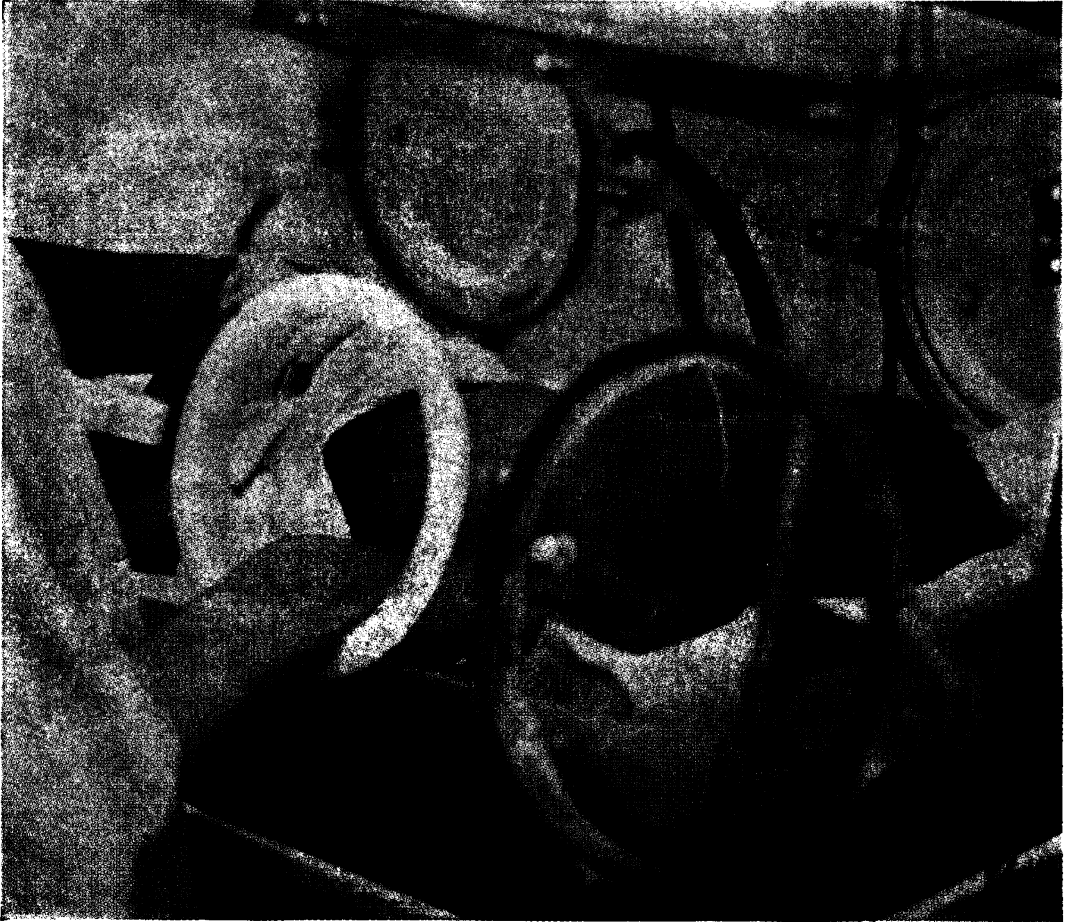
When Your Speciality is Pediatrics



17 NEW BOOKS. Selected from the 1971 Thomas Catalog of over 2325 Titles...

- THE ALLERGIC CHILD** by Kjell Aas, *Univ. of Oslo, Norway. Translated from Norwegian by Lizann Disch.* '71, 300 pp., 8 il., \$11.75
- A PARENT'S MANUAL: Answers to Questions on Child Development and Child Rearing** by Manfred Adler, *John Carroll Univ., Cleveland.* '71, 124 pp., \$5.50
- THE ADOPTED CHILD** by Joseph G. Ansfield, *Chicago Medical School.* '71, 78 pp., \$5.75
- PATTERNS OF SKIN pH FROM BIRTH THROUGH ADOLESCENCE: With a Synopsis on Skin Growth** by Hans Behrendt and Marvin Green, *both of New York Medical College, New York City.* '71, 116 pp. (6½×9½), 33 il., 41 tables, \$8.25
- THE DIABETIC AT WORK AND PLAY: A Modern Manual for Diabetics with the Latest Information on Oral Drugs, Diabetic Camps, Research, and Many Other New Topics** by Buris R. Boshell, *Univ. of Alabama, Birmingham. Edited by Frank L. Porter.* '71, 208 pp., 37 il. (2 in full color), 6 tables, \$8.75
- AN ATLAS OF THE OSTEOCHONDROSES** by Louis W. Breck, *The El Paso Orthopaedic Surgery Group. Foreword by Charles Weer Goff.* '71, 192 pp. (6½×9½), 53 il., 8 tables, \$12.50
- INFANTILE AUTISM: Proceedings of the Indiana University Colloquium** edited by Don W. Churchill, Gerald D. Alpern, and Marian K. DeMyer, *all of Indiana Univ. School of Medicine, Indianapolis.* (26 Contributors) '71, 360 pp., 12 il., 22 tables, \$15.50
- RADIOGRAPHY OF INFANTS AND CHILDREN (2nd Ed.)** by Donald B. Darling, *Tufts Univ. School of Medicine. Foreword by John Caffey.* (4 Contributors) '71, 236 pp. (9×12), 591 il., 81 tables, \$28.50
- ADOLESCENT SUICIDE** by Stuart M. Finch and Elva O. Poznanski, *both of Univ. of Michigan Medical School, Ann Arbor. Foreword by Raymond W. Waggoner.* '71, about 80 pp., 4 tables
- THE MALTREATED CHILD: The Maltreatment Syndrome in Children (2nd Ed.)** by Vincent J. Fontana, *St. Vincent's Hospital and Medical Center of New York, New York, City. Foreword by Mother Loretto Bernard.* '71, 116 pp., 16 il., \$7.00
- PRIMARY TUBERCULOSIS IN CHILDHOOD** by Jacques Gerbeaux, *St. Antoine—Universite de Paris.* '70, 352 pp., 117 il., 16 tables, \$17.75
- MOLECULAR ASPECTS OF SICKLE CELL HEMOGLOBIN: Clinical Applications** edited by Robert M. Nalbandian, *Blodgett Memorial Hospital, Grand Rapids, Michigan (5 Contributors) Foreword by Linus Pauling.* '71, 256 pp. (6½×9½), 81 il. (1 in full color), 15 tables, \$15.75
- COUNSELING PARENTS OF THE ILL AND THE HANDICAPPED** compiled and edited by Robert L. Noland, *Univ. of Dayton, Ohio.* (79 Contributors) '71, 628 pp., 12 il., 15 tables, \$15.75
- CHLAMYDIA AND CHLAMYDIA-INDUCED DISEASES** by Johannes Storz, *Colorado State Univ., Fort Collins.* '71, 376 pp., 81 il., 10 tables, \$20.00
- JUVENILE-TYPE DIABETES AND ITS COMPLICATIONS: Theoretical and Practical Considerations** by Karl E. Sussman, *Univ. of Colorado Medical School, Denver. Foreword by Alexander Marble (14 Contributors)* '71, about 574 pp. (6½×9½), 117 il. (6 in full color), 39 tables
- ASTHMA AND HAY FEVER** by Oscar Swineford, Jr., *Member, Allergy Foundation of America.* '71, about 530 pp., 1 il., 72 tables
- OSTEOMYELITIS: Clinical Features, Therapeutic Considerations, and Unusual Aspects** by Francis A. Waldvogel, *Univ. of Geneva Medical School, Switzerland; Gerald Medoff, Washington Univ. School of Medicine, St. Louis; and Morton N. Swartz, Massachusetts General Hospital, Boston.* '71, 128 pp., 27 il., 11 tables, \$8.25

CHARLES C THOMAS • PUBLISHER • 301-327 East Lawrence Avenue • SPRINGFIELD • ILLINOIS • 62703



Is this a case for the better response of an injectable antibiotic?

This baby has just been delivered by Caesarean section. The labour has been difficult and prolonged and the membranes ruptured 48 hours before delivery. There is a strong possibility of infection—safe and reliable antibiotic cover is called for.

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



No nourishment here...

... unless an adequate supply of pancreatic enzymes is available to complete digestion.

Pancrex V is the most effective preparation for replacing pancreatic secretion in the gut. It is indicated in cystic fibrosis of the pancreas, chronic pancreatitis, pancreatectomy, post gastrectomy malnutrition* and in all digestive disorders where a relative deficiency of pancreatic enzymes is a contributory factor. Pancrex V is a preparation of whole dried pancreas having a tryptic activity approximately equal to 5 times that of Pancreatin B.P.

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.

PAINES & BYRNE LIMITED • PABYRN LABORATORIES • GREENFORD • MIDDLESEX



How can a breathless baby raise an alarm?

If you are in charge of a ward full of premature babies, the only way you can be certain you won't lose any of them tragically and needlessly, through undetected apnoea, is to keep each one under constant observation.

How on earth can you do that, when you and your nurses are already busy with a hundred and one other duties?

Easy!

Easy as picking up the

telephone and asking BOC to come and show you their new Lewin Apnoea Alarm System.

We'll be more than delighted to show you how simple, effective and completely reliable it is. And it won't sabotage the equipment budget either.

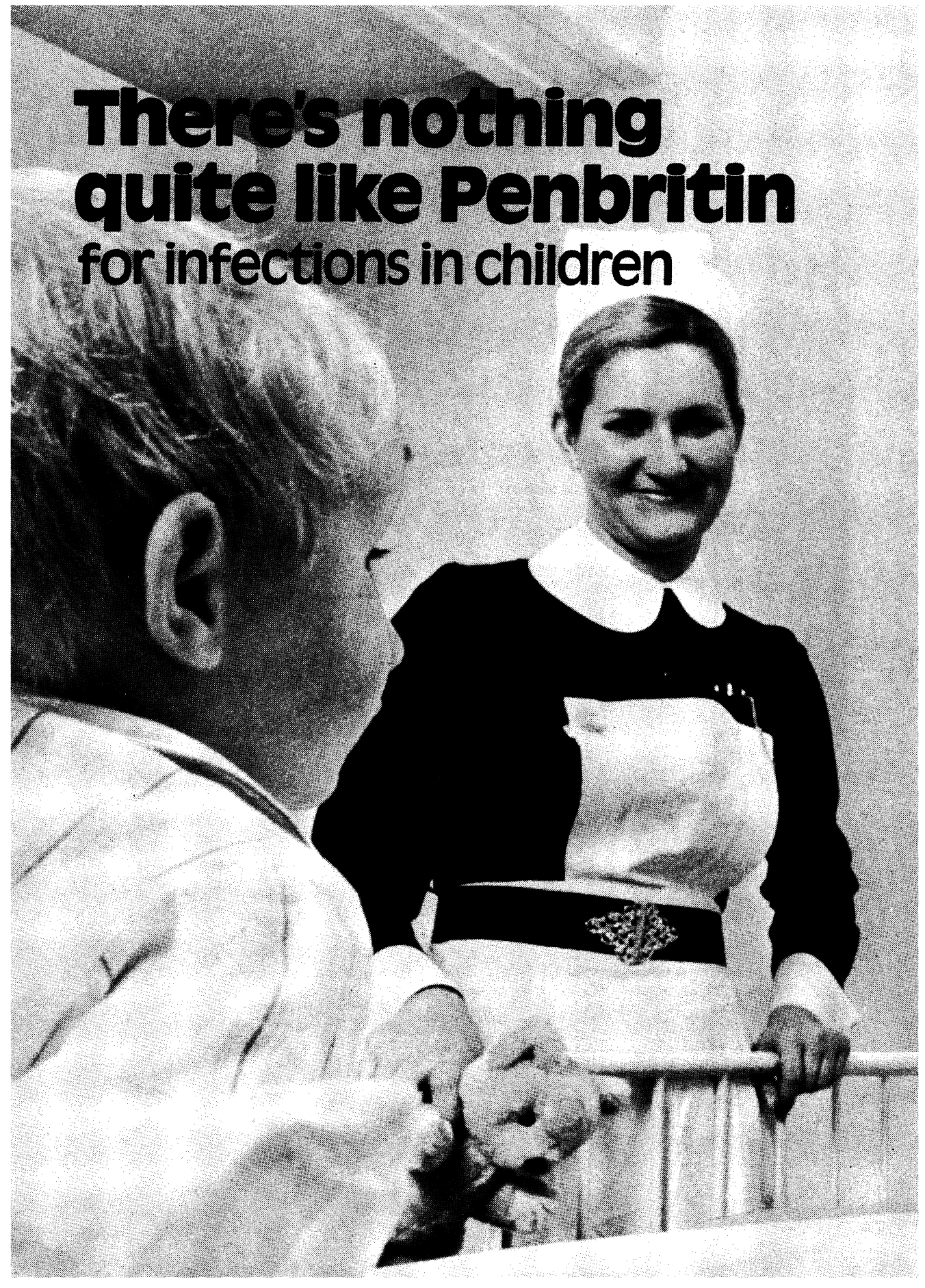
The Lewin Apnoea Alarm is distributed by the British Oxygen Company. Phone us now, or drop us a line whilst the problem is on your mind.

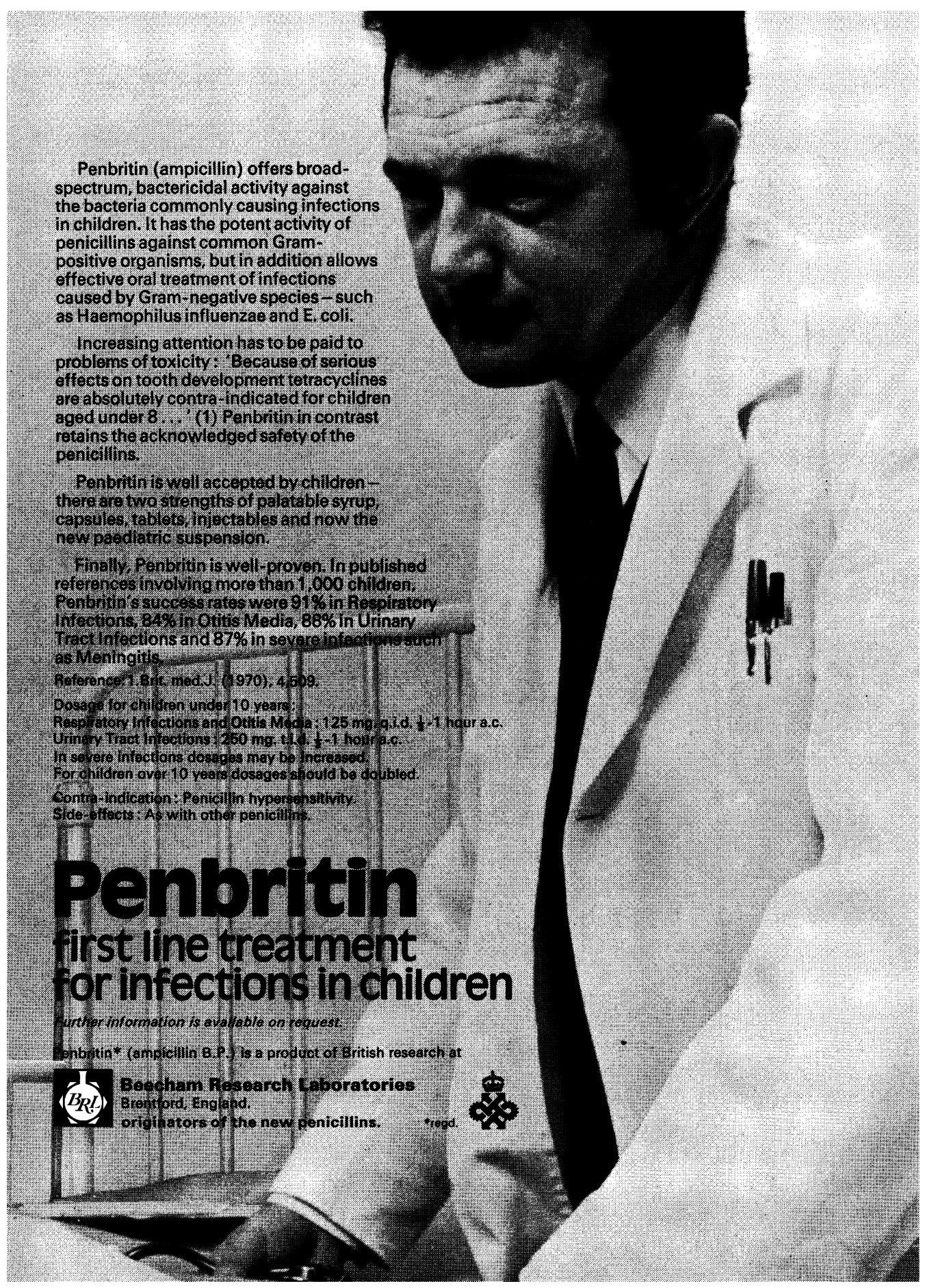


BOC's Lewin Apnoea Alarm

The British Oxygen Co. Ltd., Medical Dept., The Pinnacles, Harlow, Essex. Tel: 027-96 29692.

**There's nothing
quite like Penbritin
for infections in children**





Penbritin (ampicillin) offers broad-spectrum, bactericidal activity against the bacteria commonly causing infections in children. It has the potent activity of penicillins against common Gram-positive organisms, but in addition allows effective oral treatment of infections caused by Gram-negative species—such as *Haemophilus influenzae* and *E. coli*.

Increasing attention has to be paid to problems of toxicity: 'Because of serious effects on tooth development tetracyclines are absolutely contra-indicated for children aged under 8...' (1) Penbritin in contrast retains the acknowledged safety of the penicillins.

Penbritin is well accepted by children—there are two strengths of palatable syrup, capsules, tablets, injectables and now the new paediatric suspension.

Finally, Penbritin is well-proven. In published references involving more than 1,000 children, Penbritin's success rates were 91% in Respiratory Infections, 84% in Otitis Media, 88% in Urinary Tract Infections and 87% in severe infections such as Meningitis.

Reference: *1. Brit. med.J.* (1970), 4, 509.

Dosage for children under 10 years:
Respiratory Infections and Otitis Media: 125 mg. q.i.d. $\frac{1}{2}$ -1 hour a.c.
Urinary Tract Infections: 250 mg. t.i.d. $\frac{1}{2}$ -1 hour a.c.

In severe infections dosages may be increased.
For children over 10 years dosages should be doubled.

Contra-indication: Penicillin hypersensitivity.

Side-effects: As with other penicillins.

Penbritin

first line treatment for infections in children

Further information is available on request.

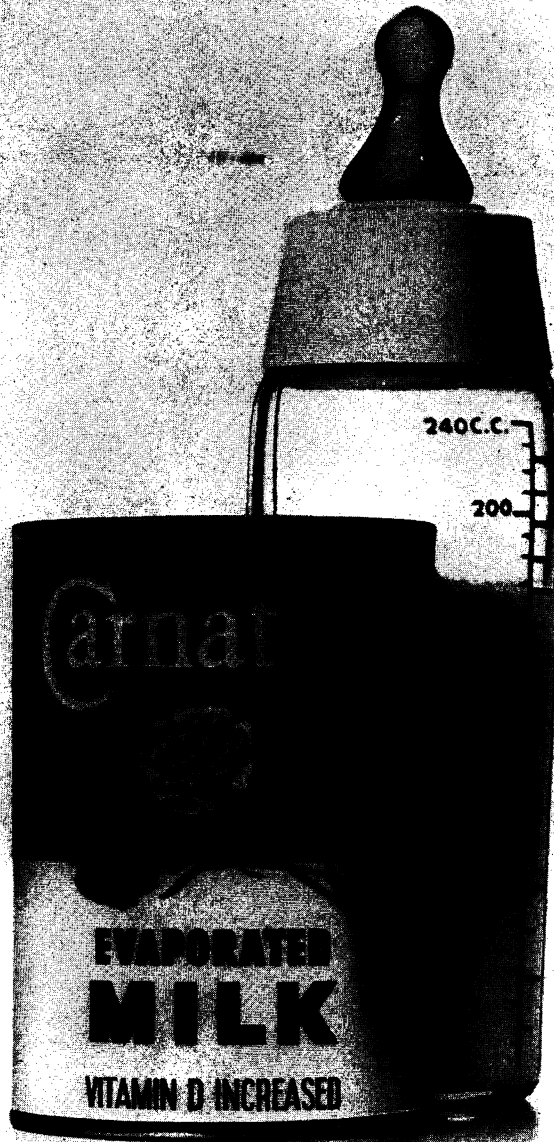
Penbritin* (ampicillin B.P.) is a product of British research at



Beecham Research Laboratories
Brentford, England.
originators of the new penicillins.



*regd.



Baby's first step

Carnation Milk is the modern approach to baby feeding. Easy to mix, blending right in the bottle; easy to digest because of careful homogenisation; safer because it's sterilised in the can. Carnation is also Vitamin D increased to help build strong bones and teeth. Carnation is used by maternity units all over the country. Recommend it with confidence.

In epilepsy First steps towards a stable future



'Mysoline' therapy is accepted by even the youngest epileptic patient. The pleasantly flavoured suspension controls most types of attacks or sharply reduces their frequency and severity, without clouding of consciousness or dulling of intellect.

Improvement in general behaviour and sociability usually occurs and education remains unimpeded.

PRIMIDONE B.P. TRADE MARK
Mysoline
suspension

of fundamental importance in epilepsy.



Free starter pack and detailed information are available on request.

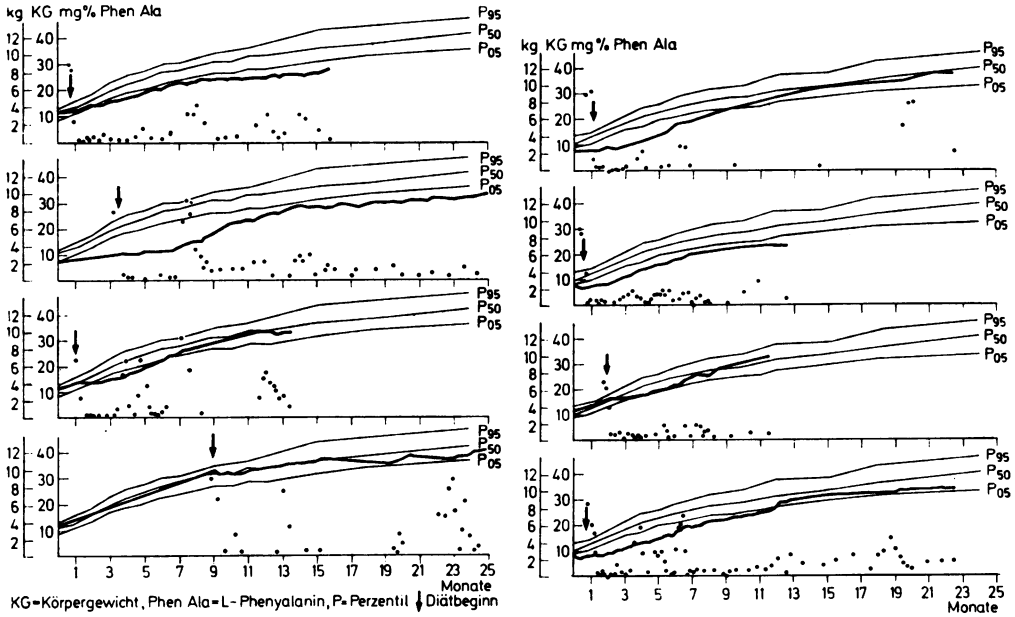
Imperial Chemical Industries Limited,
Pharmaceuticals Division,
Alderley House, Alderley Park, Macclesfield, Cheshire.

PH 732

PHENYLKETONURIA

(A problem that was)

PROGRESS FROM WEST BERLIN



Weight curves of 8 Phenylketonuric Children treated with a diet of Albumaid XP (Three of whom were premature)

- ALBUMAID XP**
- I Permits the use of Large Quantities of Natural Protein.
 - II Now 2000 Patient Years of Successful Therapy.
 - III Proven World Wide
 - Infants
 - Growing Children
 - Pregnancy
 - IV The Preparation of 'Choice' in Leading Institutes of Child Health

Issued by MILNER SCIENTIFIC AND MEDICAL RESEARCH

(An Organization which links Advanced Researches in Europe and United States)

For further details please write to sole U.K. Agents:

**SCIENTIFIC HOSPITAL SUPPLIES LTD.
38 QUEENSLAND STREET, LIVERPOOL 7**

TRIALS CONFIRM FLOXAPEN'S EXCELLENT PERFORMANCE

Treatment succeeded clinically in 26 patients with staphylococcal infections and failed in four. It was unsuccessful either clinically or bacteriologically in two of three patients with pneumococcal infections. There were no serious side-effects.

It is concluded that flucloxacillin is a useful addition to the therapeutic armamentarium against benzylpenicillin-resistant staphylococci.

and cloxacillin has made any dramatic cures of staphylococcal infection with new agents less impressive and remarkable than would be seen in the case of flucloxacillin. Highly satisfactory responses were obtained with flucloxacillin at a dosage of 1.0 g daily, and cures obtained late in the trial in very ill patients using higher dose régimes can only be assessed as excellent by comparison with any other currently-available compounds. It became apparent as the trial continued that severe staphylococcal infection contained by the

Above: Clinical Trials J. (1970) 7, 375.
Right: Clinical Trials J. (1970) 7, 372.

Floxapen, like Orbenin (cloxacillin B.P.), is active against virtually all staphylococci and all streptococci and pneumococci irrespective of their sensitivity to traditional penicillins, tetracyclines, fusidic acid, erythromycin and lincomycin.

The standard dose of Floxapen is only 250 mg. and will attain similar serum levels by oral or injectable routes. Therapy is therefore simpler and more effective than with Orbenin.

Floxapen offers the penicillin advantages of low toxicity and bactericidal action. It is also ideal for continuing outpatient treatment because of its convenient oral dosage.

Further information is available on request.

Indications: Infections due to sensitive Gram-positive organisms, including resistant staphylococci: skin and soft tissue infections, otitis media, sinusitis, infected wounds and burns, osteomyelitis and septic arthritis, pneumonia empyema, septicaemia, endocarditis and meningitis.

Dosage Oral and intramuscular:
Adults: 250 mg. q.i.d.
Children: 2-10 years— $\frac{1}{2}$ adult dose.
Under 2 years— $\frac{1}{4}$ adult dose.

Oral doses should be taken one hour before meals. In severe infections dosages may be increased if required.

Availability Syrup 125 mg./5 ml.
Capsules (black/caramel) and
Vials, each containing 250 mg. flucloxacillin.

Contra-indications Penicillin hypersensitivity.
Subconjunctival injection.

Side-effects As with other penicillins.

Floxapen *simplifies antibiotic treatment* *in hospital and after* flucloxacillin



Floxapen* (flucloxacillin) is a British product originated by
Beecham Research Laboratories, Brentford, England. *regd



Prepared feeds. In a couple of shakes.

No more mixing. No more bottles to wash.

Cow & Gate Prepared Feeds are ready to use. And they come in disposable sterilised bottles. With sterilised teat units.

There's no need for the feed or the teat to be touched by human hand.

Use at room temperature or warm up if preferred and after feeding simply throw the bottle away.

There are four Prepared Feeds

available exclusively to hospitals.

Half-Cream. Full-Cream.

Distilled Water. And 5% Dextrose.

The Milk Feeds are the same as reconstituted Cow & Gate Milk Foods.

So after hospital, a baby continues with the same diet.

And we also supply Cartonettes of our Milk Food to be given to mothers when they leave.

Prepared Feeds are time saving, labour saving and, therefore, cost saving.

If you require further information please contact The Medical & Research Department, Cow & Gate, Stoke Road, Guildford, Surrey.

Cow & Gate
The well balanced
baby diet

Formula Junior

SEPTRIN® Paediatric Suspension is really "SEPTRIN in miniature". It has the same distinctive mode of action but has been specially formulated for your young patients.

SEPTRIN differs fundamentally from conventional antibiotics in that it inhibits two successive stages of bacterial metabolism. Its decisive bactericidal action against a wide range of Gram-positive and Gram-negative pathogens produces an exceptionally rapid clinical improvement in bacterial infections including bronchitis and UTI.

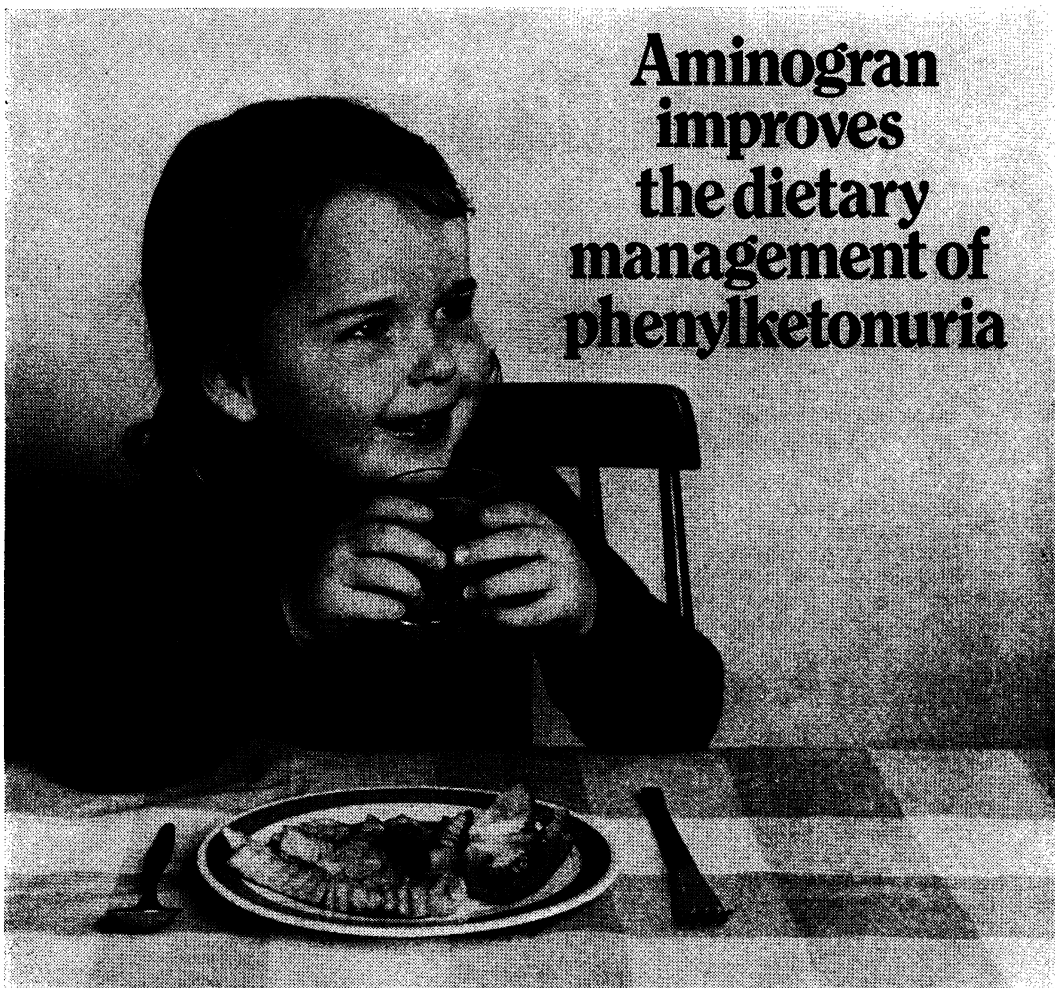
SEPTRIN Paediatric Suspension is available in 100 ml bottles and each 5 ml contains 40 mg trimethoprim and 200 mg sulphamethoxazole. *Trade Mark

Also available: SEPTRIN Paediatric Tablets, SEPTRIN Tablets and SEPTRIN Adult Suspension, containing trimethoprim and sulphamethoxazole.

Septin Paediatric Suspension



Full information is available on request.
Burroughs Wellcome & Co.
(The Wellcome Foundation Ltd.)
Dartford, Kent



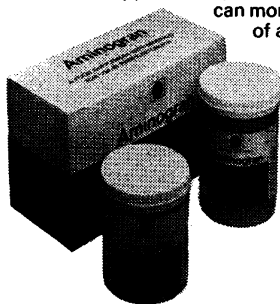
Aminogran improves the dietary management of phenylketonuria

In the dietary management of phenylketonuria, protein hydrolysate based foods tend to be unpalatable and difficult to administer. Compared with them, Aminogran is less unpalatable, smaller in bulk, and can be given as a medicine. It does not, therefore, interfere greatly with the child's appetite for permitted foods, and the diet can more closely resemble that of a normal child.

An Aminogran based diet is more readily accepted by the child and creates fewer family problems. Anorexia, food fussiness and emotional disturbances are much reduced.

"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.



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

ALLEN & HANBURY LTD LONDON E2 6LA



ONLY COTAZYM

has accurately assayed lipase activity

Pancreatic replacement therapy
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.



Organon Laboratories Ltd · Crown House · Morden · Surrey

Meet Sydney Gellis.. *....Person-to-Person*

Sydney Gellis is one of America's most eminent pediatricians. He is Professor of Pediatrics and Chairman of the Department at Tufts University School of Medicine and Pediatrician-in-Chief at the Boston Floating Hospital for Infants and Children. A bibliography of his publications includes co-editorship of four editions of *CURRENT PEDIATRIC THERAPY*, numerous journal articles and several sections on pediatrics for the *Encyclopaedia Britannica*.

NOW HE'S ON TAPE

Pediatric Conferences with Sydney Gellis

Pediatric Conferences with Sydney Gellis does not merely convey information. This exciting new series adds a much needed personal touch to the time-consuming necessity of keeping pace with medical advances. The first tape in this new series begins with Dr. Gellis talking about deficiencies of red cell enzymes in infancy and childhood. Another highly informative segment gives you Dr. Necheles and Dr. Gellis discussing intensive transfusion therapy. Both of these contain all the necessary information on diagnosis and treatment, giving specific dosages for prescribed drugs.

Each tape in this bi-monthly series is informal, informative and interpretative. It's just like having Dr. Gellis drop in for consultation, but better, because he usually brings an eminent colleague.

Contents of Tape 1 (April 1971)

Introduction (Dr. Gellis)—Red Cell Enzymes (Dr. Oski with Dr. Gellis)—Early Discharge from the Hospital of Low Birth Weight Infants (Dr. Berg with Dr. Gellis)—Early Feeding of the Newborn (Dr. Gellis)—The Problems of Iron-Fortified Formulas (Dr. Oski with Dr. Gellis)—Intensive Transfusion Therapy (Dr. Necheles with Dr. Gellis).

Tape 2 (June 1971)

Indications for Use of Gamma Globulin (Dr. Rosen with Dr. Hellis)—The Treatment of Convulsions (Dr. Rabe with Dr. Gellis).

Tape 3 (August 1971)

Growth Hormone (Dr. Senior with Dr. Gellis)—Treatment of Hemangiomas (Dr. Gellis)—Significance of Alpha 1-antitrypsin (Dr. Talamo with Dr. Gellis)—Diagnosis of Fetal Disease (Dr. Milunsky with Dr. Gellis)—Undescended Testicle (Dr. Gellis).

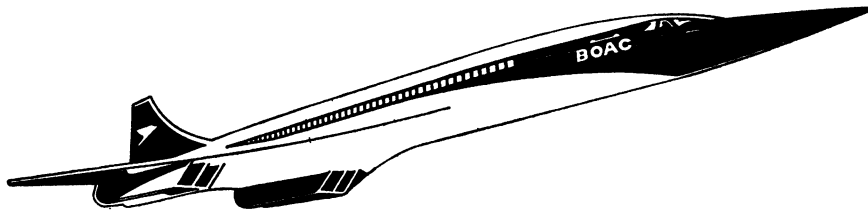
Six times a year you'll receive the sagacity and sense of Dr. Gellis and his associates on handy one-hour tape cassettes—just often enough to insure that the material covers almost every current development without consuming too much of your time.

INITIAL NUMBER—APRIL 1971

Released six times a year (April, June, August, October, December, February) on standard C-60 two track one-hour tape cassettes. Available only by yearly subscription £20.20.

W. B. SAUNDERS, COMPANY, 12 Dyott Street, London WC1A 1DB

Photograph by courtesy of B.O.A.C.



your journal by air mail

Many subscribers prefer to receive their copy of *Archives of Disease in Childhood* within a few days of its publication by having it sent by air mail.

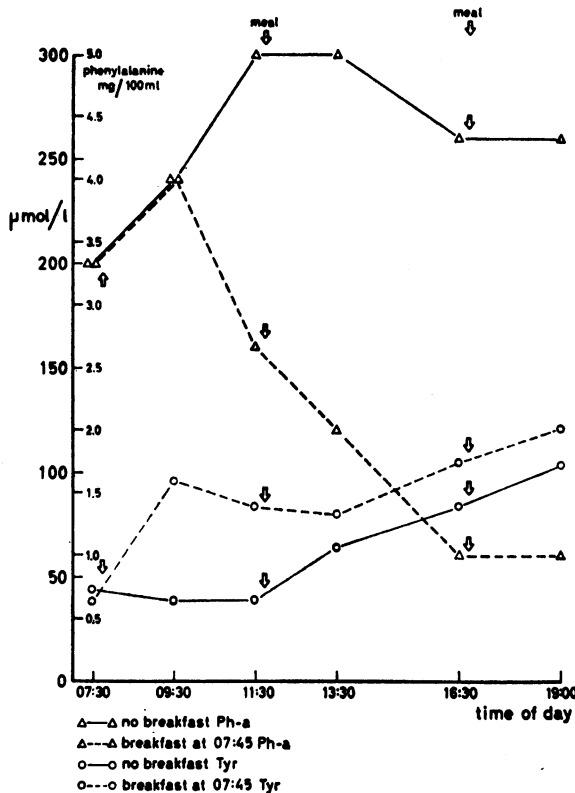
This is a service for all subscribers at the following annual rates which are charged in advance and in addition to the normal annual subscription rate.

| If you reside in | Air Mail Charges |
|---|-------------------------|
| Area A (<i>Examples</i>) Middle East, Cyprus, and Spanish N. and W. Africa etc. | £4.50 |
| Area B (<i>Examples</i>) Rest of World, including North America etc. | £6.00 (U.S.A. \$14.50) |
| Area C (<i>Examples</i>) Australasia and Far East etc. | £7.00 |

Subscribers who wish to take advantage of this air mail service should write direct to The Subscription Manager, *Archives of Disease in Childhood*, B.M.A. House, Tavistock Square, London WC1H 9JR, England.

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 hrs 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.)

PRECISION PRODUCTS:

Designed to meet the metabolic defect are called for.

Products more fundamental than enzymes.

Products more basic than protein.

Products which enable precise nutrition.

Products which succeed where cows' milk is a failure.

PRECISION PRODUCTS FOR:

- Phenylketonuria, Homocystinuria,
- Cystinosis, Maple Syrup Urine Disease,
- Hyperglycinaemia, Hyperprolinaemia,
- Arginine Succinic Urea,
- Histidinaemia, Tyrosinosis,
- Carbohydrate and Protein Intolerance,
- Malabsorptions, Cystic Fibrosis,
- Glycogen Storage Disease.

MILNER SCIENTIFIC AND MEDICAL RESEARCH

Now maintains a world-wide interest in every aspect of metabolism in disease, and products are directly available in most countries.

For further details please write to Sole U.K. Agents:

SCIENTIFIC HOSPITAL SUPPLIES LTD.
38 QUEENSLAND STREET, LIVERPOOL 7