

# WILL HE BE WEARING CHILDREN'S CLOTHES WHEN HE'S A 'GROWN-UP'?

## Prescribing Information

**Presentation** A vial of sterile lyophilised powder of somatrem corresponding to 4IU of human somatotropin (also containing aminoacetic acid and sodium phosphate as stabilisers) and supplied with a 2ml ampoule of water for injections for use in the reconstitution of the injection.

**Uses** The treatment of short stature caused by decreased or absent secretion of pituitary growth hormone. The diagnosis should be verified by appropriate investigations of pituitary function by a specialist medical practitioner.

## Dosage and Administration

**Route of administration:** By intramuscular injection. **Recommended dosage:** The dosage should be calculated according to the patient's body weight. Generally a dose of 0.5 IU/kg body weight per week is recommended. This weekly dose should be divided into 2 or 3 intramuscular injections.

## Contra-indications, warnings, etc.

Only patients with unfused epiphyses should be treated. Diabetes mellitus. **Precautions:** Patients treated with Somatonorm should be regularly assessed by a specialist in child growth. **Side-effects:** Clinical experience with Somatonorm is limited and recipients may develop antibody to growth hormone and E. coli protein. However, as with pituitary derived hormone, only in very rare instances has growth retardation occurred. No other adverse reactions have been noted.

**Package Quantities** Combined package containing one vial of somatrem 4 IU and one ampoule of 2ml water for injections.

**Price NHS Price £28**

**Further Information** Somatrem is the British Approved Name for methionyl human somatotropin.

**Product Licence Number** 0022/0060

**KabiVitrum Limited.** KabiVitrum House, Riverside Way, Uxbridge, Middx UB8 2YF

**Product Authorisation Number** 187/28/1

**Elre** KabiVitrum, Cahill May Roberts Ltd, P.O. Box 1090, Chapelizod, Dublin 20.



## Somatonorm® (somatrem)

is successfully changing the outlook for this child and thousands like him suffering from short stature caused by growth hormone deficiency (GHD).

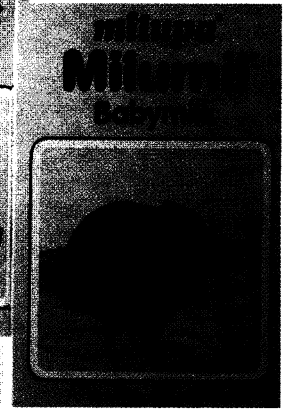
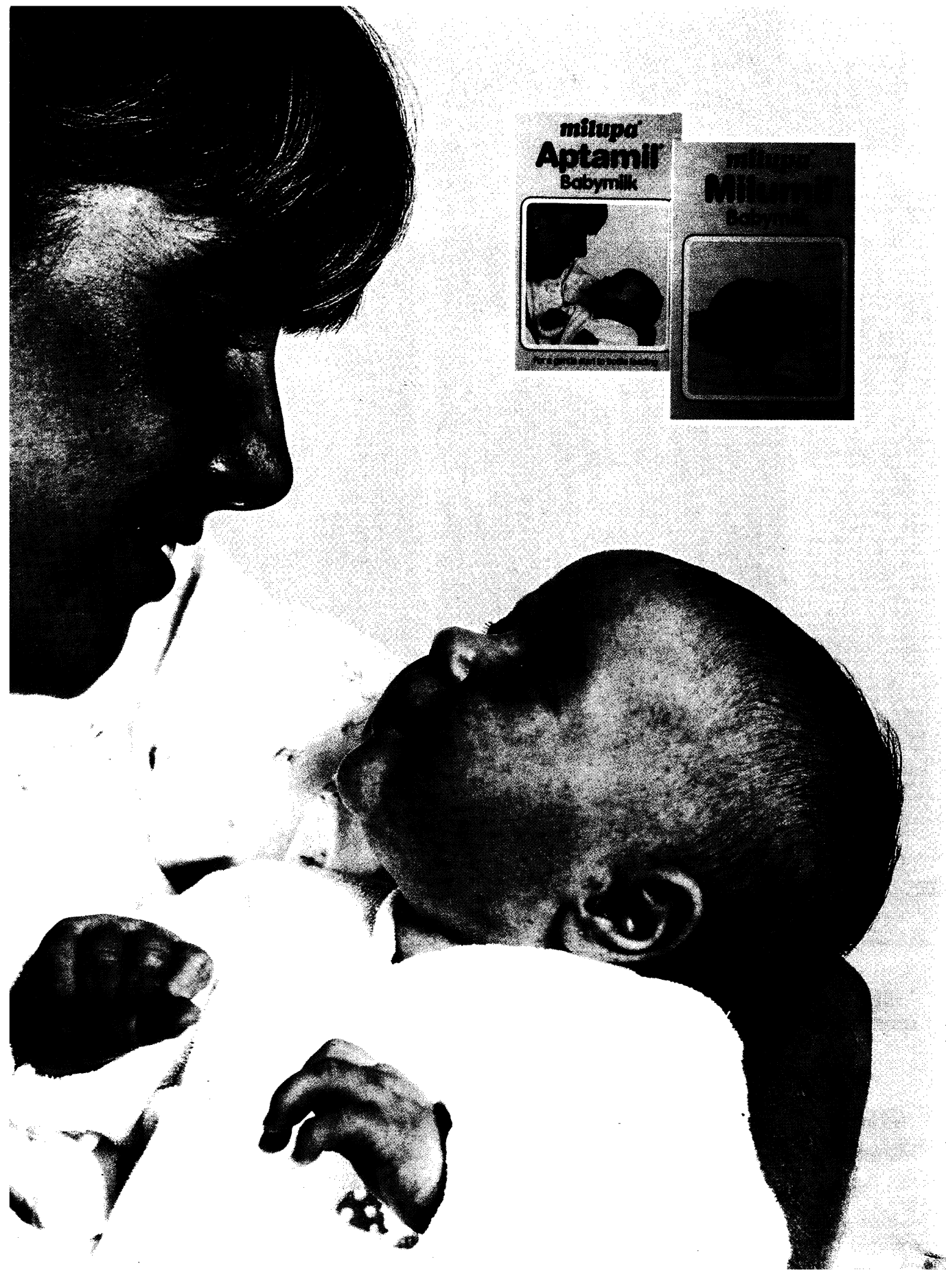
With early diagnosis and treatment, GHD children can achieve a normal adult height.

For the past two decades, KabiVitrum has pioneered growth hormone research.

The introduction of Somatonorm ensures that, for the first time, sufficient growth hormone is available to treat all GHD children.



# HE WANTS TO GROW. KabiVitrum CAN HELP HIM.



# Closeness counts.

Breast milk is best for babies. But if a mother is not breast feeding, baby needs a milk that is as close as possible to breast milk.

That's why Milupa were the first company in Britain to add taurine to all their babymilks. Taurine is an important amino acid, found in breast milk. By adding taurine, and all the other nutrients necessary for healthy growth, Milupa Babymilks have achieved a closeness to breast milk that counts.

There are two Milupa Babymilks. APTAMIL for a gentle start to bottle feeding, and MILUMIL, made to satisfy hungrier babies. Both taste and smell so pleasant, even the fussiest babies take to them easily. Because it is not just nutritional composition that matters, it's how babies respond, too. Both our babymilks are in granulated form, which makes them so easy to measure, mix and dissolve.

We know closeness counts.

**Milupa Babymilks. As close to breastmilk as babymilk can be.**

**IMPORTANT** Breast milk is the best milk for a baby. A doctor, midwife, nurse or health visitor should be consulted for any advice needed. If a babymilk is used it is important for the baby's health that all preparation instructions are followed carefully.

**milupa<sup>®</sup>**  
**Babymilks**

**Aptamil<sup>®</sup> & Milumil<sup>®</sup>**

Milupa Ltd., Milupa House, Uxbridge Road, Hillingdon, Uxbridge, Middlesex, UB10 0NE.

# Epilim<sup>®</sup>

## Sodium Valproate

**Presentation 1.** Epilim 200 Enteric Coated. A lilac-coloured, enteric coated tablet containing 200mg Sodium Valproate B.P. **2.** Epilim 500 Enteric Coated. A lilac-coloured, enteric coated tablet containing 500mg Sodium Valproate B.P. **3.** Epilim 100mg

crushable tablets. A white, scored tablet containing 100mg Sodium Valproate B.P. **4.** Epilim Syrup. A red, cherry-flavoured syrup containing 200mg Sodium Valproate B.P. per 5ml. **5.** Epilim Liquid. A red, cherry-flavoured, sugar-free liquid containing 200mg Sodium

Valproate B.P. per 5ml. **Indications** In the treatment of generalised, partial or other epilepsies. In women of child-bearing age Epilim should be used only in severe cases or in those resistant to other treatment. **Dosage and Administration** To be taken with or after food. Epilim may be given twice daily. Enteric coated tablets should be swallowed whole. **Monotherapy Adults:** Start at 600mg daily increasing by 200mg at 3 day intervals until control is achieved. (Maximum dose 2,500mg per day.) **Children over 20kg:** Initially 400mg/day with spaced increases until control is achieved. (Usually within the range 20-30mg/kg body weight per day.) **Children under 20kg:** 20mg/kg of body weight per day; in severe cases may be increased up to 40mg/kg/day. Increases above this only if plasma valproic acid levels, clinical chemistry and haematological parameters can be monitored.

**Combined Therapy** It may be necessary to raise the dose when used with anticonvulsants which induce liver enzyme activity. Dosage of barbiturates should be reduced if sedation is observed. Optimum dosage is mainly determined by seizure control and routine measurement of plasma levels is unnecessary. **Contra-indications, Warnings** **Contra-indication:** Active liver disease. **Side effects:** Liver dysfunction including hepatic failure resulting in fatalities has occurred in patients whose treatment included valproic acid or sodium valproate. Patients most at risk are children under the age of three and those with congenital metabolic disorders, organic brain disease or severe seizure disorders associated with mental retardation. The incidents mainly occurred during the first 6 months of therapy and usually involved multiple anticonvulsant therapy. Clinical symptoms are more helpful than laboratory investigations in the early stages of hepatic failure. The onset of an acute illness, especially within the first 6 months, which may include symptoms of vomiting, lethargy or weakness, drowsiness, anorexia, jaundice or loss of seizure control is an indication for immediate withdrawal of the drug. Evidence to date does not establish which investigation could predict this possible adverse effect; measurement of liver function should be performed in the first 6 months of therapy in those who seem most at risk and those with a prior history of liver disease.

Hyperammonaemia without hepatic damage can occur, it is usually transient, but may occasionally present clinically. If so Epilim should be discontinued. Valproic acid inhibits platelet aggregation. Thrombocytopenia has been reported. Spontaneous bruising or bleeding is an indication for withdrawal of medication. Pancreatitis, tremor, weight gain, transient hair loss, increased alertness, aggressiveness, hyperactivity, amenorrhoea, stupor and oedema have been reported. **Drug Interactions** Epilim may potentiate monoamine oxidase inhibitors and other antidepressants. Loss of efficacy of oral contraceptive agents does not appear to be a problem. **Women of Childbearing Age**

Valproic acid and sodium valproate, like certain other anticonvulsants, have been shown to be teratogenic in animals. In women of childbearing age the benefits of these compounds should be weighed against the possible hazard suggested by these findings and their pregnancies should be carefully monitored. **Product Licence Numbers** Epilim 200 Enteric Coated 0623/0006. Epilim 500 Enteric Coated 0623/0005. Epilim 100mg crushable tablets 0623/0015. Epilim Syrup 0623/0004. Epilim Liquid 0623/0016. **NHS Cost** Epilim 200 Enteric Coated 100 tablets £6.59. Epilim 500 Enteric Coated 100 tablets, £16.45. Epilim 100mg crushable tablets 100 tablets, £3.99. Epilim Syrup 200ml, £4.03. Epilim Liquid 200ml, £4.03. Further information is available from:

Labaz: Sanofi UK Ltd., Floats Rd., Wythenshawe, Manchester M23 9NF. Tel: 061-945 4161.

# In a wide range of epilepsies



# Epilim

## Sodium Valproate

# helps to maintain the normality of life

# NEW BOOKS FROM BUTTERWORTHS

## PAEDIATRIC DATA INTERPRETATION

**John Walter, MRCP, DCH**

Clinical Research Fellow, Institute of Child Health, University of London, UK

**Simon Lenton, MRCP, DRCOG**

Lecturer in Community Child Health and Honorary Senior Registrar in Paediatrics, Department of Child Health, Southampton General Hospital, UK

**Cynthia M Gabriel, FRCP, DCH**

Consultant Paediatrician, St Albans City Hospital and Queen Elizabeth II Hospital, Welwyn Garden City, Hertfordshire, UK

★ **Contains over 130 questions based on the current format of the paediatric MRCP examination**

★ **Text well illustrated throughout**    ★ **Authors well known in the field**

July 1987 272 pages approx 210 × 130 mm Softcover Illustrated 0 407 00425 4 £8.50 approx

## LIVER DISORDERS IN CHILDHOOD Second Edition

**Alex P Mowat, MB ChB, FRCP, DOBst, RCOG**

Consultant Paediatrician and Paediatric Hepatologist, King's College Hospital and King's College School of Medicine and Dentistry, London, UK

★ **The standard work on paediatric liver disorders**

★ **New edition completely revised and updated**

★ **Increased in size**    ★ **Author established in the field**

July 1987 416 pages approx 234 × 165 mm Hardcover Illustrated 0 407 00163 8 £50.00 approx

## SCOTT-BROWN'S OTOLARYNGOLOGY Fifth Edition

### VOLUME 6 PAEDIATRIC OTOLARYNGOLOGY

Edited by **N G Evans, MBBS, DLO, FRCS**

Consultant Ear, Nose and Throat Surgeon, The Hospital for Sick Children, Great Ormond Street and St Thomas' Hospital, London, UK

★ **Entirely new volume in the Scott-Brown series**

★ **First complete British paediatric reference for 30 years**    ★ **Beautifully illustrated**

★ **Covers congenital and acquired conditions, paediatric audiology and disorders of speech and language**

August 1987 582 pages approx 246 × 189 mm Hardcover Illustrated 0 407 00516 1 £60.00 approx

## Rob and Smith's Operative Surgery PAEDIATRIC SURGERY Fourth Edition

Edited by **Lewis Spitz, PhD, FRCS**

Nuffield Professor of Paediatric Surgery, Institute of Child Health, London, UK

**H Homewood Nixon, FRCS, FAPP(Hon)**

Consultant Paediatric Surgeon, The Hospital for Sick Children, Great Ormond Street, London, UK

★ **Substantially revised and expanded**    ★ **Ten completely new chapters**

★ **Many new contributors**    ★ **Lavish illustration with most drawn afresh**

★ **Indispensable companion to paediatric surgical practice**

November 1987 496 pages approx 276 × 219 mm Hardcover Illustrated 0 407 00666 4 £98.00 approx

**Please order these titles from your usual bookseller – or in case of difficulty from Butterworths at the address below.**



**Butterworths**  
*meeting professional needs*



BUTTERWORTHS, 8 EDEL STREET, LONDON WC2A 9DF, UK

# Monatsschrift Kinder- heilkunde

Organ der  
Deutschen Gesellschaft  
für Kinderheilkunde

135. Band  
Heft 5  
Mai 1987

Springer-Verlag  
Berlin Heidelberg New York London  
Paris Tokyo

	Thema des Monats Knochenmarkstransplantationen	This Month's Topic Bone Marrow Transplantations	237
W. Friedrich, W. Ebell	Die Knochenmarkstransplantation im Kindesalter. Möglichkeiten und Risiken	Bone Marrow Transplantation in Children. Potential and Risks	238
	<b>Pädiatrie aktuell</b>	<b>Trends in Paediatrics</b>	245
	<b>Was hat das Kind? Trainingsprogramm für die Weiterbildung zum Kinderarzt</b>	<b>What's Wrong with the Child? Program for Continuing Education of Paediatricians</b>	246
	<b>Aus Klinik und Forschung Originalien</b>	<b>Clinic and Research Originals</b>	
M. Kersting, H. Koester, J. Wennemann, T. Wember, G. Schöch	Stillstudien 1981 – 1983 bei 1500 Müttern in Dort- mund und Haltern. II. Muttermilkmengen auf der Entbindungsstation	Studies on Breast-Feeding 1981 – 1983 with 1500 Mothers in Dortmund and Haltern. II. Breast-Milk Volumes in the Maternity Ward	247
W. Friedrich, W. Ebell, R. Blütters-Sawatzki, A. Junker, K. H. Hübener, T. Schroeder-Kurth, E. Kohne, E. Kleihauer	Die Behandlung der Fanconi-Anämie durch Knochenmarkstransplantation	Treatment of Fanconi-Anemia by Bone Marrow Transplantation	253
U. W. Schnyder, B. V. Schneider, O. Maie, V. Groh, Ch. Sigg	Kongenitale Naevuszellnaevi als Melanompräkur- soren der Haut	Congenital Nevocytic Nevi as Precursors to Cuta- neous Melanoma	259
A. Statz, K. Felgenhauer	Die Differenzierung der liquoreigenen Immun- globuline bei der Mumps-Meningoencephalitis	Persistent Local Antibody Synthesis in Mumps Meningoencephalitis	265
	<b>Der interessante Fall</b>	<b>Interesting Cases</b>	
F. Staudt, O. D. Wiestler, B. Volk, R. Fürmaier, Ch. Ostertag	Astrozytom bei einem Zwillingsfrühgeborenen	Astrocytoma in a Premature Infant Twin	269
U. Glöckel, G. Legat	Variables Immundefektsyndrom bei einem 10- 1/2-jährigen Mädchen mit Hämophilus-Meningitis	Common Variable Immunodeficiency in a 10- 1/2-Year-Old Girl with Haemophilus-Meningitis	274
M. Oldigs, E. Schulz, H. Traupe, M. Stern	Oculocutaner Albinismus und Hirnatrophie	Albinism and Cerebral Atrophy	277
S. Nolte, Ch. Hufschmidt, H. Steinhauer, R. Rohrbach, W. Künzer	Terminale Niereninsuffizienz durch interstitielle Nephritis nach Pilzvergiftung durch <i>Cortinarius speciosissimus</i>	Chronic Renal Failure Due to Interstitial Nephritis After Intoxication with <i>Cortinarius speciosissimus</i> Mushrooms in a Fourteen Year Old Boy	280
	<b>Wußten Sie schon?</b>	<b>Do You Know?</b>	
	<i>Aus der Klinik — für die Klinik</i>	<i>Practical Tips for Clinicians</i>	
D. Mathias, H. Bickel	Mögliche Störfaktoren im Neugeborenen-Screening auf angeborene Stoffwechseldefekte und Maß- nahmen zu ihrer Vermeidung	Pitfalls in Neonatal Screening for Inborn Errors of Metabolism	282
	<i>Aus der Praxis — für die Praxis</i>	<i>Practical Tips for Practitioners</i>	
H. Moll	Neues Programm der Deutschen Akademie für Entwicklungs-Rehabilitation München	New Program of the „Deutsche Akademie für Entwicklungs-Rehabilitation München“	284
	Auflösung und Kommentar des Trainings- programms für die Weiterbildung zum Kinderarzt	Solution and Commentary in the Program for Continuing Education of Paediatricians	279
	<b>Laudationes</b>	<b>Laudationes</b>	
	Josef Svecjar 90 Jahre Malte Kienitz 60 Jahre		285
	<b>Neue Bücher</b>	<b>New Books</b>	286
	<b>Tagesgeschichte, Personalia</b>	<b>News of the Day, Personal News</b>	287
	<b>Tagungskalender</b>	<b>Forthcoming Meetings</b>	287
	<b>Für die Dokumentation</b>	<b>Documentation</b>	A 36

Indexed in Current Contents

Monatsschr Kinderheilkd (1987) 135, 5

Annual subscription: DM 288,- plus postage



## STATISTICS IN PRACTICE

STATISTICS AND ETHICS IN MEDICAL RESEARCH *Douglas G Altman*

STATISTICS IN QUESTION *Sheila M Gore*

No doctor can afford to ignore statistics: most modern medical research uses statistics. This important and authoritative book, which is a collection of articles that have appeared in the BMJ, provides clear information on designing studies, applying statistical techniques, and interpreting studies that use statistics. It can be easily understood by those with no statistical training and should be read by all those who want to keep abreast of new developments.

Price: Inland £8.95;  
Overseas £11.00, USA \$19.00  
(including air mail postage overseas)

**Order your copy now**

From: British Medical Journal,  
PO Box 295  
London WC1H 9TE  
or any leading bookseller

## “CARE OF THE SICK CHILD”

The Fifth Annual Conference will be held November 11–14, 1987 at

Buena Vista Palace  
Lake Buena Vista  
FLORIDA, USA



Enquiries please to: Patti L. Devlin,  
Program Coordinator, Continuing  
Medical Education, Orlando Regional  
Medical Center, 1414 S. Kuhl Avenue,  
Orlando, FL 32806–2093 (305) 841–5144

# HOW TO DO IT

SECOND EDITION

The first edition of HOW TO DO IT proved a useful and popular guide to those things a doctor needs to know but is rarely taught: how to take an examination, how to interview and be interviewed, how to plan and write up research, how to behave at an inquest. In the second edition the original chapters have been expanded and updated, and there are several more chapters on new challenges – choosing a computer, flying, holding a press conference – and on some older ones not included in the first edition – assessing a job, dealing with a publisher.

Price: Inland £6.95  
Overseas £9.00/USA\$14.50  
including postage, by  
air overseas

**Payment must be  
enclosed with order**

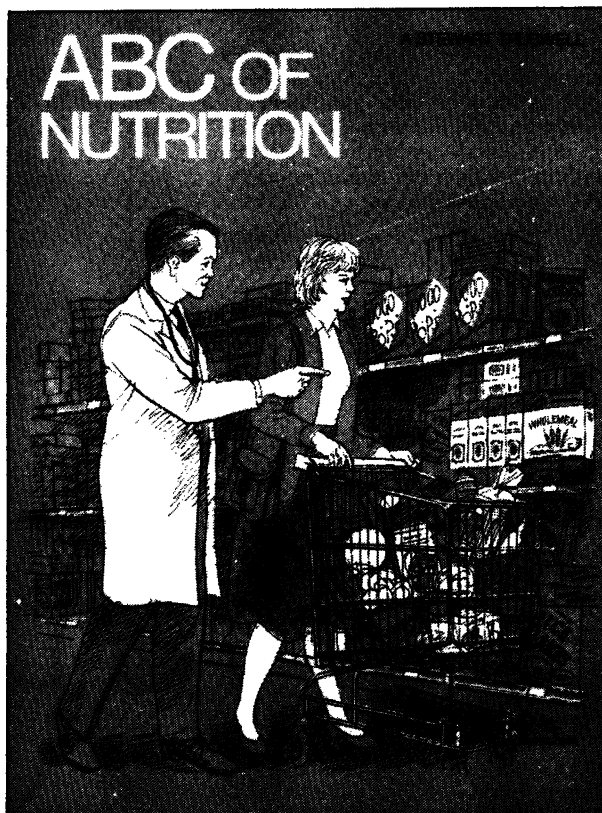
Order from:  
The Publisher  
British Medical Journal,  
PO Box 295  
London WC1H 9TE  
or any leading bookseller

*"Value judgements about food are being made all the time . . .*

# ABC OF NUTRITION

A STEWART TRUSWELL

*. . . they are nearly always subjective and usually wrong."* A Stewart Truswell, Boden professor of human nutrition at the University of Sydney, separates fact from fallacy in the *ABC of Nutrition*, a collection of articles from the *BMJ*. This illustrated guide offers the general medical reader a refreshingly down to earth review of all aspects of nutrition – from anorexia to obesity, infant feeding to dietary guides for the elderly – and will be invaluable for any doctor wishing to advise his patients about their eating habits (or even to revise his own).



***Chapters include:***

- Nutrition for pregnancy
- Enteral and parenteral nutrition
- Vitamins
- Malnutrition in the third world
- Therapeutic diets
- Reducing the risk of coronary heart disease
- Food sensitivity

Price: Inland £4.95; Abroad £6.75/USA\$10.00

BMA members: Inland £4.45; Abroad £6.25/USA\$9.00

*(Please quote membership number). Prices include postage, by air abroad.*

*Payments must be enclosed with order.*

## BOOKS FROM THE BMJ

Order from British Medical Journal, PO Box 295, London WC1H 9TE  
or any leading bookseller



**INSTITUTE OF PSYCHIATRY AND INSTITUTE OF CHILD HEALTH**  
**DIPLOMA IN CHILD AND ADOLESCENT PSYCHIATRY**  
**—An International Course**

A one year course leading to a Diploma in Child and Adolescent Psychiatry will start in January 1988. This annual course is run jointly in London by the Institute of Psychiatry and the Institute of Child Health. It covers diagnosis and treatment of children and adolescents with psychiatric disorders including those with physical illness and chronic handicap; assessment of community needs in relation to Child Mental Health, with a view to planning or implementing psychiatric services in the participant's own country; teaching and training medical and paramedical workers. The course will be particularly suitable for paediatricians, psychiatrists and psychologists intending to set up or work in child mental health services in developing countries. Good English essential. A scholarship may be available for a suitably qualified candidate from Pakistan or Bangladesh.

Course Teachers will include Dr A Bentovim, Prof P Graham, Dr R Howarth, Dr P Howlin, Dr R Lansdowne, Dr B Lask, Dr N Richman, Prof M Rutter, Dr E Taylor, Dr S Wolkind, Dr W Yule.

Further details are available from Dr S Wolkind, Children's Dept., Maudsley Hospital, Denmark Hill, London SE5 8AF.

Applications should be returned by 1st September 1987.

**ARCHIVES OF  
DISEASE IN  
CHILDHOOD**

**'CORDEX'  
SELF-BINDING CASES**

**FOR EASY REFERENCE**

'Cordex' self-binding cases are available to hold one volume (12 issues) of your *Archives of Disease in Childhood*. Each case is handsomely bound with a colour to complement the journal. Spring nylon cords, to carry the journals, slide freely along the spine of the binder. The name of the journal is gold-blocked on the spine. Date labels are also provided.

*Price: Inland £5.50; Abroad £8.00; USA \$12.00, including postage (air mail abroad) and packing.*

**Payment must be enclosed with order**

**ORDER NOW FROM The Subscription Manager, ARCHIVES OF DISEASE IN  
CHILDHOOD, BMA House, Tavistock Square, London WC1H 9JR.**

**MIXING YOUR INSULIN**

1. ... and ... to ...
2. ... mix ... to ...
3. Inject ...
4. ... in an amo ...
5. Again d ...
6. Inject the ...
7. Turn the bottle ...

## DEFINITION

### Task: The treatment of war-injured disabled

**James**

**Warning: This document contains information that is exempt from public release under the Freedom of Information Act, 5 U.S.C. 552.**

Temperature treatments were between 2–8 °C, pro-

medicine research has been

Leafy Category: P. *Malaga* Cylinders: 10 ml. glass

**Price: \$9.95**

**Nordisk** **Wellcome**



## Simple • Convenient • Effective

# CONTROL THAT WON'T TIE THEM IN KNOTS

