

The loudest noise in your S.C.B.U. should be the sound of babies sleeping

But how often have you walked into the Special Care Baby Unit only to be greeted by a wall of noise?

We all know babies nursed in incubators need rest — indeed most of them should still be in the calm of the womb.

But invariably they require attention from Doctors, Nurses and parents, often on a frequent basis.

So how do you access the baby without causing it major physical and psychological stresses?

That's where the new C100 *Quiet Touch* Isolette incubator comes in.

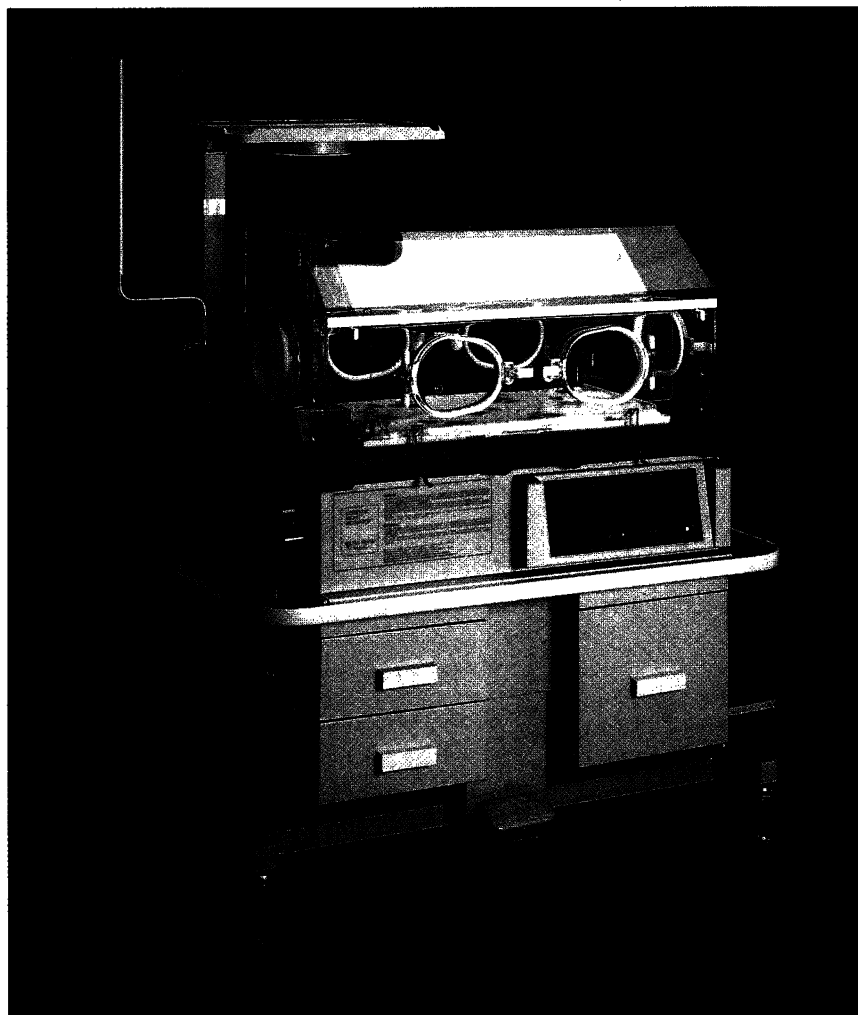
It's the ultimate low noise environment for the neonate.

It has large oval port holes that can be opened and closed so quietly that your baby won't even notice.

It includes a smooth, continuously variable mattress tilt enabling your baby to remain at peace whilst travelling through a full 9 degrees in either direction.

And how many times have you had to search the SCBU for a suitable chair for parents to sit on, enabling that all important early contact with the baby?

Well, that's no longer a problem.



With the touch of a foot pedal, the new Variable Height Adjustment (VHA) mechanism on the C100 *Quiet Touch* allows continuous control of the baby's level from a towering 43 inches to a low 34.5 inches — just right for a comfortable armchair.

Once you have a C100 *Quiet Touch* Isolette you'll never want anything else, and when your babies wake up we think they'll agree.

S&W Vickers

Ruxley Corner, Sidcup, Kent, DA14 5BL. Tel 081-309 0433 Fax 081-309 0919

32 Kerse Road, Stirling, FK7 7TA. Tel 0786 51602 Fax 0786 51603

4 Balmoral Business Park, Boucher Crescent, Belfast. Tel 0232 669266



“It’s elemental my dear Watson”

For the effective nutritional care of infants with malabsorption problems, the answer may be elemental.

Pepti-Junior is a balanced elemental feed, which is easily digested and well absorbed.¹⁻⁴ It has been specially developed for infants and young children with digestive or malabsorption problems and/or severe food intolerances.

Pepti-Junior is well tolerated,¹ with a highly palatable taste.

The formulation comprises hydrolysed whey protein, glucose syrup, MCT oil, maize oil, minerals and vitamins.

Osmolality is low at 210 mosmol/kg H₂O.

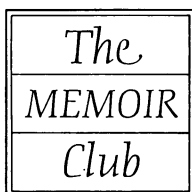
Pepti-Junior is ACBS prescribable, and the latest addition to the extensive Cow & Gate range of Specialised Formula Foods.

PEPTI- JUNIOR

**Cow
& Gate**

The balanced elemental formula for infant malabsorption

References 1. Taylor CJ, Jenkins P, Manning D *Clinical Nutrition*, 1988; 7: 183-190. 2. Keohane PP, Grimble GK, Brown B et al. *Gut*, 1985; 26: 907-913. 3. Silk DBA et al. *JPE*, 1980; 4: 548-553. 4. Silk DBA et al *Gut* 1979; 20: 291-299. Breast milk is the best milk for babies. PEPTI-JUNIOR has been prepared for infants with impaired gastrointestinal function and/or severe food intolerances. PEPTI-JUNIOR should only be used under strict medical supervision. For further information contact Cow & Gate, Medical Department, Trowbridge, Wiltshire BA14 8YX. (0225 768381).



A selection of recent titles

Festina Lente—a Psychiatric Odyssey by Henry R Rollin
Henry Rollin insists that *Festina Lente* is "in no way an autobiography. I prefer to regard it essentially as a history during the past half century as seen by one who has been witness to and played some small part in the shaping of events." The book includes his analysis of the history and evolution of Horton Hospital; the dissolution of mental hospitals and the myth of community care; outpatient departments; and the development of different physical and psychopharmacological treatments. Psychiatry and the arts are combined in two chapters, "The therapeutic use of music in a mental hospital" and "Literary excursions," which examines the characters of Hamlet, Byron, George Bernard Shaw, and James Joyce. Appropriately, this psychiatric odyssey ends with the late arrival of true love.

Price: Inland £14.95; Abroad £17.50

BMA members: Inland £13.95; Abroad £16.50

Not a Proper Doctor by David Sinclair

Sinclair was intent on a career in surgery when he graduated from St Andrew's University but fate, mainly in the shape of the second world war, decreed otherwise and he eventually became the first professor of anatomy at the University of Western Australia. As Professor Sinclair looks back on his varied life, there are moments of joy, sadness, and regret, but throughout a central core of humour and compassion—the stuff that "proper" doctors are made of.

Price: Inland £14.95; Abroad £18.50

BMA members: Inland £13.95; Abroad £17.50

Not a Moment to Lose by Sir David Smithers

Sir David Smithers, former president of the British Institute of Radiology and of the Royal College of Radiologists, was for 30 years professor of radiotherapy at the Royal Marsden Hospital. But that is only half the story. He is also a man who believes "one should aspire to be a realist, but retain a sense of wonder, a rationalist who is prepared to jump to conclusions, and a critical visionary who remains sensible of the humour of the human situation".

Price: Inland £14.95; Abroad £17.50

BMA members: Inland £13.95; Abroad £16.50

One Man's Medicine by Archie Cochrane with Max Blythe
The autobiography of Professor Archie Cochrane, who was one of Britain's influential thinkers on health care and the quality of health services. His 30 years' association with the Rhondda Fach—and his work there on reducing the suffering inflicted on whole communities by pneumoconiosis—is almost legendary. Ironically, this was nearly overshadowed later in his life by the spectacular success of his Rock Carling monograph *Effectiveness and Efficiency*, which proved to be a seminal work and influenced thinking about the assessment of medical treatment and procedures throughout the world.

Price: Inland £14.95; Abroad £19.00

BMA members: Inland £13.95; Abroad £18.00

All prices include postage, by air abroad

Please enclose payment with order, or send us full details of your MASTERCARD, VISA or AMERICAN EXPRESS credit card.



Available from:
BRITISH MEDICAL JOURNAL
PO Box 295, London WC1H 9TE
any leading bookseller, or the BMJ/BMA
bookshop in BMA House.

THE HEINZ FELLOWSHIPS OF THE BRITISH PAEDIATRIC ASSOCIATION

H. J. Heinz Company Limited generously endows Fellowships in Paediatrics which are administered by the British Paediatric Association.

Two or three Fellowships will be offered each year, the number and type awarded in any one year depending on circumstances and the calibre of applicants available.

The types of Fellowship, which are open to men or women are

- A To enable paediatricians from any part of the Commonwealth overseas to spend up to twelve weeks in the United Kingdom, meeting British Paediatricians and seeing something of their work. Preference will be given to those recently established in an academic career who can arrange their visit to allow attendance at the Annual Meeting of the British Paediatric Association in April 1992.
- C To enable paediatricians from the United Kingdom of Registrar, Senior Registrar, or Consultant status, or non-medically qualified members of the Association, in the early years of professional life to make a short working visit (up to three months) to a centre in a developing country, teaching or conducting research so as to benefit both fellow and hosts.

Applications for A Fellowships must be received by the British Paediatric Association not later than 31st December 1990

Applications for C Fellowships can be accepted by 31st January, or 31st July 1991.

The conditions for the Fellowships and applications forms may be obtained from the British Paediatric Association, 5 St Andrew's Place, Regent's Park, London NW1 4LB.

European Journal of

Pediatrics

Incorporating
Acta Paediatrica Belgica
and
Helvetica Paediatrica Acta

Volume 149 No. 10 1990

The pioneers of pediatric medicine
669

Review

The cystic fibrosis defect approached from different angles – new perspectives on the gene, the chloride channel, diagnosis and therapy

D. J. J. Halley, J. Bijman,
H. R. de Jonge, M. Sinaasappel,
H. J. Neijens, M. F. Niermeijer 670

Endocrinology

Effect of two consecutive administrations of GHRH in children with constitutional growth delay

A. Sartorio, A. Spada, A. Conti,
F. Morabito, G. Faglia 678

Gastroenterology/Hepatology

Gastro-oesophageal reflux and apnoeic pauses during sleep in infancy – no direct relation

J. Y. Paton, U. Macfadyen,
A. Williams, H. Simpson 680

Acceleration of linear growth following intestinal resection for Crohn disease

A. B. Lipson, M. O. Savage,
P. S. W. Davies, K. Bassett,
W. S. Shand, J. A. Walker-Smith 687

Hematology/Oncology

Agranulocytosis following infectious mononucleosis

S. Sumimoto, Y. Kasajima,
T. Hamamoto, T. Miyanomae, Y. Iwai,
M. Mayumi, H. Mikawa 691

Imaging techniques

Herniation of calcifying discopathy in childhood: report of three cases
J. C. Hoeffel, C. Bernard, P. Schmit,
L. Denardaud 695

Echo planar imaging of an infant with pectus excavatum

C. O'Callaghan, B. Chapman,
A. Howseman, M. Stehling, R. Coxon,
P. Mansfield 698

Immunology/Allergology

Bare lymphocyte syndrome – combined immunodeficiency and neutrophil dysfunction

N. Will, R. A. Seger, C. Betzler,
G. Dockter, N. Graf, M. Büttner,
C. Irlé, J. M. Tiercy, F. C. Sitzmann 700

Metabolic diseases

The glycaemic effect of simple sugars in mid-morning and afternoon snacks in childhood diabetes

R. Primavesi, J. Drakeford,
D. C. L. Savage 705

Recurrent, familial Reye-like syndrome with a new complex amino and organic aciduria

O. N. Elpeleg, E. Christensen,
H. Hurvitz, D. Branski 709

Neuroblastoma in a patient with dihydropteridine reductase deficiency

L. G. Greeves, R. J. Leeming,
K. Hyland, S. I. Dempsey, D. J. Carson 713

Low-density lipoprotein plasmapheresis with and without lovastatin in the treatment of the homozygous form of familial hypercholesterolaemia

J. Thiery, A. K. Walli, G. Janning,
D. Seidel 716

Peroxisomal β -oxidation defect with detectable peroxisomes: a case with neonatal onset and progressive course

P. G. Barth, R. J. A. Wanders,
R. B. H. Schutgens, E. M. Bleeker-Wagemakers, D. van Heemstra 722

Neonatology

Surfactant treatment for respiratory distress syndrome following prolonged rupture of membranes

T. R. J. Tubman, H. L. Halliday 727

Transient electrocardiographic changes suggesting myocardial ischaemia in newborn infants following tocolysis with beta-sympathomimetics

M. Gemelli, F. De Luca,
R. Manganaro, R. Leonardi,
F. Rando, A. Agnetti, C. Mami,
G. Di Pasquale 730

Cotinine concentrations in amniotic fluid and urine of smoking, passive smoking and non-smoking pregnant women at term and in the urine of their neonates on 1st day of life
J. S. Jordanov 734

Pneumology

Parental smoking and asthma in childhood

M. Palmieri, G. Longobardi,
G. Napolitano, D. M. L. Simonetti 738

Indexed in *Current Contents*



Springer International

Subscription information

Volume 149 (12 issues) will appear in 1990. Information about obtaining back volumes and microform editions available upon request.

North America. Annual subscription rate: approx. US \$ 868.00 (single issue price approx. \$ 87.00), including carriage charges. Subscriptions are entered with prepayment only.

Orders should be addressed to:

Springer-Verlag New York Inc.
Service Center Secaucus
44 Hartz Way
Secaucus, NJ 07094, USA
Tel. (201) 348-4033
Telex 023125994
FAX (201) 348-4505

All other countries. Annual subscription rate: DM 1532.00 plus carriage charges; Federal Republic of Germany: DM 20.54 incl. value added tax; all other countries: DM 39.00 ex-

cept for the following countries to which SAL delivery (Surface Airmail Lifted) is mandatory: Japan DM 103.80, India DM 75.00, Australia/New Zealand DM 119.40. Airmail delivery to all other countries is available upon request. Volume price: DM 1532.00, single issue price: DM 153.20 plus carriage charges. Subscriptions can either be placed via a bookdealer or sent directly to:

Springer-Verlag
Heidelberger Platz 3, D-1000 Berlin 33
Tel. (0)30/8207-0, Telex 183319
FAX (0)30/8214091

MONATS KINDER SCHRIFT HEILKUNDE

138. Band Heft 7
Juli 1990

Organ der
Deutschen Gesellschaft
für Kinderheilkunde

Thema des Monats

Gastroenterologie
Editorial 361
H. F. Otto
Pathologie des Morbus
Crohn im Kindesalter 362
D. H. Shmerling,
B. Winkhofer-Roob
Diagnose und Behandlung
der Zöliakie — Wo stehen
wir 1990? 369

Pädiatrie aktuell

Medikamentöse Appetit-
dämpfung von Patienten mit
Prader-Willi-Syndrom durch
Fenfluramin
Chlamydien- und
Mykoplasmeninfektionen
des Neugeborenen 372

Was hat das Kind?

Trainingsprogramm für die
Weiterbildung zum Kinder-
arzt 373

Klinik und Forschung

A. Pohl-Koppe, M. Gabriel
Subklinischer Verlauf einer
Epstein-Barr-Virusinfektion
im Säuglingsalter mit
transienter Hepatitis 374
S. Zielen, P. Ahrens,
R. Kotitschke, C. Riebartsch,
P. Bauscher, D. Hofmann
IgG-Subklassenspiegel bei
gesunden Kindern 377
G. F. Hoffmann, C. Jakobs,
D. Rating, L. Sweetman,
F. K. Tretz
Prä- und postnatale
Diagnostik der
Organoazidopathien 381
B. Steinbrugger, M. Zach
Bronchiale Reaktivität bei
klinisch beschwerdefreien
jugendlichen Asthma-
patienten 389

Der interessante Fall

V. Schuster,
G. Frauendienst-Egger,
H. W. Kreth
Adenovirusinfektion mit
hämorrhagischer Zystitis
und Pneumonie. Erreger-
nachweis im Urin durch
Genomhybridisierung 392
N. Graf, R. Bambauer,
W. Jost, M. Schäfer
Der Stellenwert der
Plasmapherese und des
Cyclosporin A in der
Behandlung des systemi-
schen Lupus
erythematoses 395
U. Glöckel, P. M. Schneider,
J. D. Beck, V. Brade
Letale Pneumokokken-
meningitis bei einem
1jährigen Kind mit
homozygotem
C2-Defekt 399
K. Rager, B. Bohne,
L. Sieverding,
A. A. Schmalz, W. Romen
Plötzlicher Tod infolge
Herztumors 403

Wußten Sie schon?

Aus der Praxis —
für die Praxis
U. Knoop, R. Cremer,
E. Scho-Antwerpes
Stillanweisungen für
Mütter 406

Was hat das Kind?

Auflösung und Kommentar
des Trainings-
programms 411

Laudationes

Th. Hellbrügge
Professor Johannes
Pechstein 60 Jahre 409
Aus Gesellschaften und
Berufsverband 410
Tagungskalender 412



Springer-Verlag
Berlin Heidelberg New York
London Paris Tokyo
Hong Kong Barcelona

Annual subscription: DM 298,- plus postage

AZACTAM™

aztreonam

IN CYSTIC FIBROSIS

A logical choice for pseudomonal infections



AZACTAM

ABBREVIATED PRESCRIBING INFORMATION AZACTAM

Presentation Vials containing 500mg, 1g, 2g aztreonam. Infusion bottle containing 2g aztreonam. All with L-arginine.
Indications for the treatment of the following infections caused by susceptible aerobic Gram-negative micro-organisms: Urinary tract infections, gonorrhoea, lower respiratory tract infections (including pneumonia, bronchitis, lung infections in patients with cystic fibrosis), septicaemia, meningitis caused by *Haemophilus influenzae* or *Neisseria meningitidis*, bone and joint infections, skin and soft-tissue infections, intra-abdominal infections and gynaecological infections.
Dosage and administration Adults: 1g-8g daily in divided doses depending on site and severity of infection. The usual dose is 3-6g daily. In serious infections a dose of 6-8g daily is recommended. In cystic fibrosis 2g 6-8 hourly IV. Gonorrhoea/cystitis 1g im. single dose. Children: patients older than 1 week 30mg/kg/dose every 6-8 hours. For severe infections in patients 2 years of age or older, 50mg/kg/dose every 6 or 8 hours is recommended. Total daily dose should not exceed

8g. Dosage information not available for newborns less than 1 week old. Azactam can be given intravenously or intramuscularly. Intravenous injection or infusion is recommended for doses greater than 1g. Adjust dosage in renal impairment. (See Data Sheet.)
Contra-indications Patients with a known hypersensitivity to Azactam.
Pregnancy.
Precautions Initial concurrent therapy with other antibiotics is recommended for infections which may be due to non-susceptible organisms. (See Data Sheet.) Lactating mothers should refrain from breast feeding. Therapy with Azactam may result in superinfections which may require additional therapy. Impaired renal/hepatic function. Caution should be exercised in patients with beta-lactam hypersensitivity. Prothrombin times should be monitored in patients with concomitant anticoagulant therapy.
Side effects Aztreonam is generally well tolerated. Side-effects include rash, local reactions at the injection site, diarrhoea, nausea, vomiting.

(See Data Sheet.)
Legal category POM.
Product Licence No./Cost Azactam injection 500mg vial PL0034/0250 £4.48, 1g vial PL0034/0251 £8.95, 2g vial PL0034/0252 £17.90, 2g infusion bottle PL0034/0255 £17.90.
Product Licence Holder E R Squibb and Sons Ltd, Squibb House, Hounslow, Middlesex TW3 3JA.
Date of preparation May 1989.



SQUIBB

Investing in Britain

E.R. Squibb & Sons Limited, Squibb House, 141-149 Staines Road, Hounslow, Middlesex TW3 3JA.