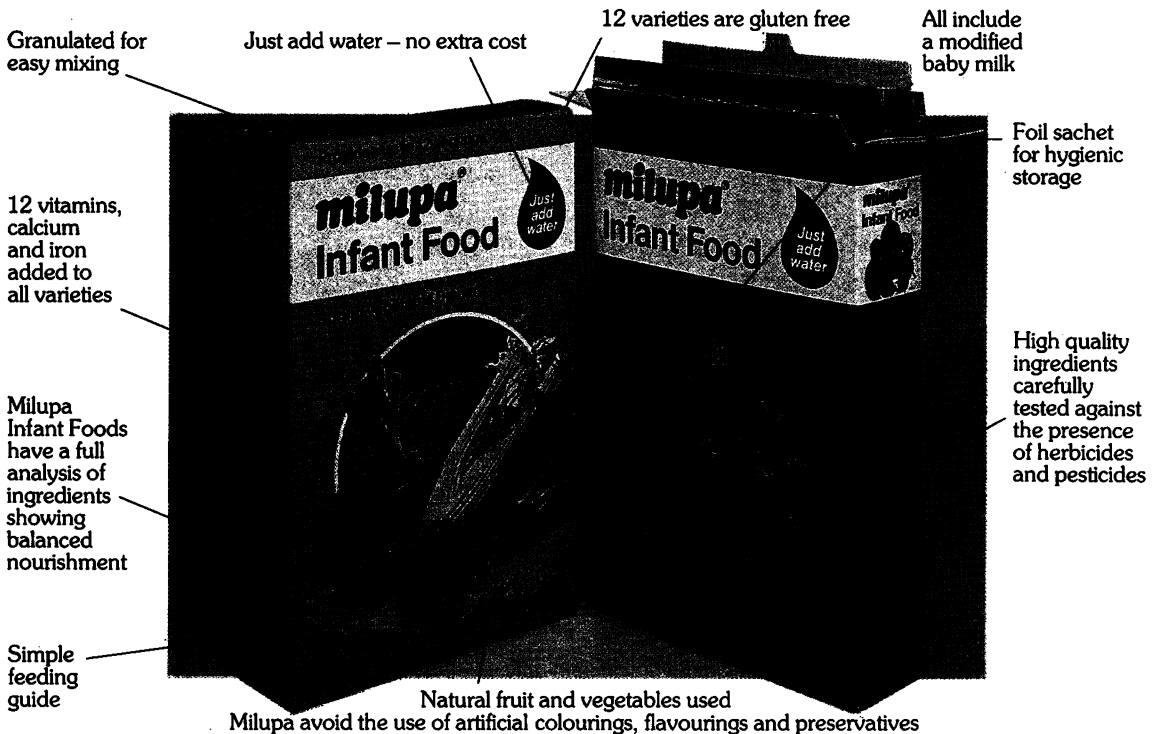


milupa[®]

means more to babies, mothers and their advisers because...



You can trust Milupa Infant Foods from the first tiny taste through to family meals.

All Milupa Foods are formulated to meet the nutritional needs of growing infants in order to promote healthy growth and development. They mix quickly

and easily in any amount to a delicious meal.

That's why Milupa means so much to babies, mothers and their advisers.

milupa[®]

The new generation of Baby Foods

Further information about the range of Milupa Infant Foods is available from Milupa Limited, Milupa House, Hercies Road, Hillingdon, Uxbridge, Middlesex UB10 9NA. Telephone: Uxbridge 59851.

Draeger for neonates.



PP 800 with Babylog 2

Specific paediatric medical-engineering system

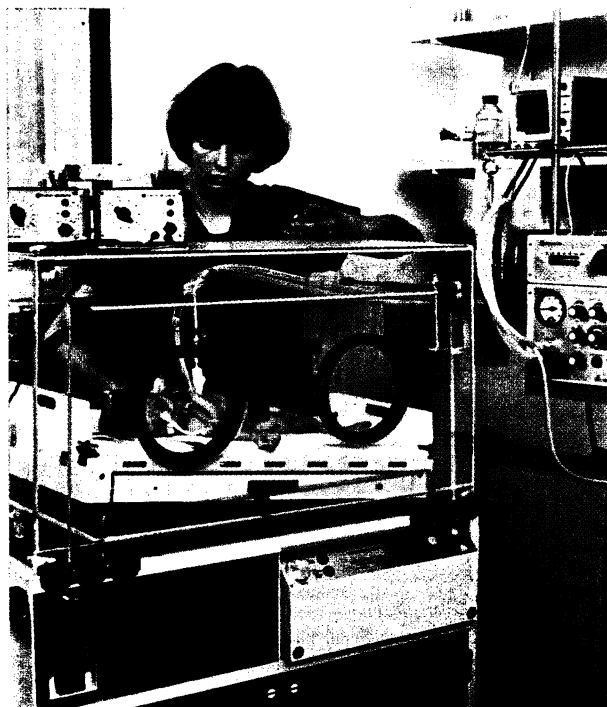
Draeger equipment is designed to give babies at risk a good start in life. The focus of Draeger apparatus is the baby whose life is at stake. Draeger provides a complete range of equipment for neonates and high-risk infants requiring resuscitation, ventilation and a protective enclosure giving warmth, humidity, and shelter from infection.

There is the PP 800 which is more than a conventional resuscitation unit. It is accessible from three sides with useful partitioned drawers under the resting surface and a monitor tray at the back. There is a swivel-type ceramic radiant-heater with two built-in halogen lamps.

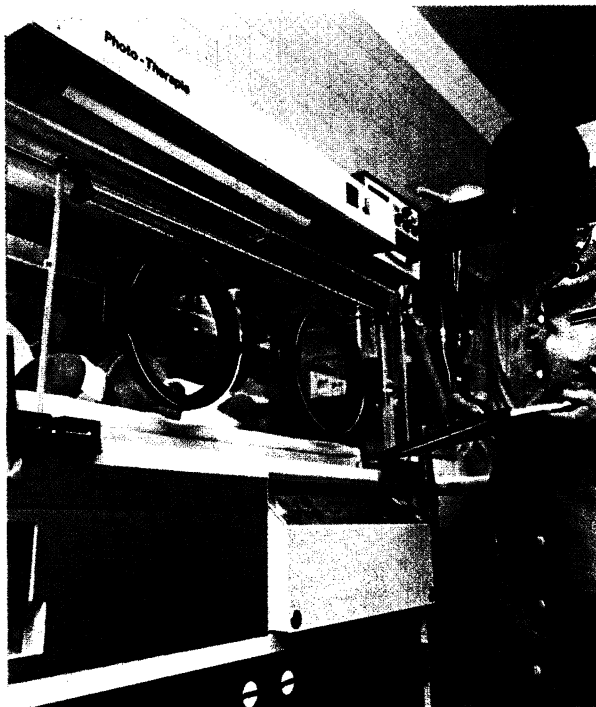
There is the Babytherm 4200 with both mattress- and radiant-heater. This heated cot can therefore be used as open intensive care unit.

There is the Incubator 7310 with its large front flap, as well as the Intensive Care Incubator 7510. Both offer:

- precise temperature
- adjustable O₂ concentration
- adjustable relative humidity
- quiet operation
- protection against infection



Intensive Care Incubator 7510



Incubator 7310 with phototherapy



Babytherm 4200



Transport Incubator 5400

Ancillary devices, such as those necessary for secretion extraction, the administration of O_2 , nebulisation/humidification, infusions or phototherapy, can be easily attached to any Draeger incubator. And for ventilation, the Draeger Babylog 1 offers IPPV with integrated PEEP, IMV and CPAP.

Finally there is the Transport Incubator 5400 with a laminar heater. An intensive care module for ventilation is available.

The incubator can be attached to any power supply system in ambulances, aircraft and other rescue vehicles.

The paediatric range: together with DraegerService, regular inspections, on-the-spot repairs, rapid supply of spare parts and maintenance contracts.

Please get in touch with us.

Draeger.
DraegerService.

Draegerwerk AG
P.O. Box 1339, D-2400 Lübeck 1
Telephone (451) 882-1, Telex 02 68 07

in Great Britain:

Draeger Medical Ltd.

Hertfordshire House
Wood Lane, Hemel Hempstead, Herts. HP 2 4SU
Telephone (0442) 3542, Telex 82 60 93

milupa[®]

means more to babies, mothers and their advisers because...

Aptamil and Milumil are available in 500g Clinic Packs (Milumil is available for exchange against Welfare Food Tokens)

... the foil pack protects sensitive nutrients

Aptamil and Milumil are granulated for easy mixing and measuring to ensure even distribution of nutrients

... all ingredients are checked against presence of herbicides and pesticides

... the full list of minerals and vitamins included is shown on each pack for easy reference

... the simple feeding guide and instructions for preparation appropriate to Aptamil or Milumil

Aptamil... formulated to meet DHSS recommendations

... the clear, deep bowl aids measuring

... the long handle aids hygienic use

Milumil... formulated to meet DHSS recommendations

Everyone agrees that breastfeeding gives a baby the best start in life.

If breastfeeding is not possible or not chosen, or when breastfeeding ends, then Milupa offer two milk foods which have been developed as a result of research and consultation

with paediatricians and nutritionists.

Aptamil – particularly suitable in the first few weeks when breastfeeding is not possible or not chosen.

Milumil – for use throughout the milk feeding stage and when breastfeeding ends.

Aptamil[®] Milumil[®]

The new generation of Baby Foods

Aptamil and Milumil are available in 300g packs at local chemists and Boots. 500g Clinic Packs of Milumil can be exchanged for Welfare Food Tokens. Milumil is also available in a 1 kg Economy Pack at local chemists and larger branches of Boots. Milupa Limited, Milupa House, Herries Road, Hillingdon, Uxbridge, Middlesex, UB10 9NA

This Publication is available in Microform.



University Microfilms International

Please send additional information

for _____
(name of publication)

Name _____

Institution _____

Street _____

City _____

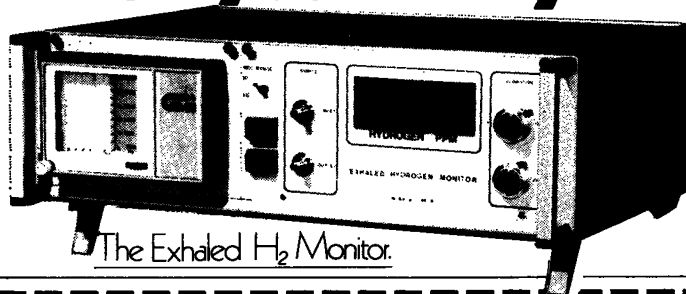
State _____ Zip _____

300 North Zeeb Road
Dept. P.R.
Ann Arbor, Mi. 48106

GMI — pioneers in positive protection — have developed the Exhaled H₂ Monitor. Designed to measure carbohydrate breakdown deficiencies and/or malabsorption of sugar by electrochemical measurement of exhaled breath the Exhaled H₂ Monitor provides a really reliable, inexpensive and rapid system of measurement and recording.

Instrument response time is a mere 30 seconds per permanent record — allowing easy processing of batch samples or virtually instant analysis of a single sample.

The latest advance in the detection of breath hydrogen when you analyse it.



The Exhaled H₂ Monitor.

GMI Medical Ltd
Inchinnan Estate
Renfrew PA4 9RC
Scotland
Tel. 041-812 3211
Telex 779748

GMI

Yes, I would like to analyse the Exhaled H₂ Monitor for myself. Please send me details.

Name _____

Position _____

Company _____

Address _____

Tel. No. _____ Post Code _____

PEDIATRIC RESEARCH

Volume 16, No. 8

August 1982

Contents

Decreased Neutrophil Beta Adrenergic Receptors in the Neonate	111
Y. ROAN AND S. P. GALANT (Salt Lake City, Utah and Long Beach, California)	This study reports decreased neutrophil beta adrenergic receptors in the neonate and speculate that this observation may explain the impaired adrenergic responsiveness reported in human neonates.
Comparison of Methods of Measuring Cardiac Output in Newborn Lambs	222
J. R. G. KUIPERS, D. SIDI, M. A. HEYMANN, AND A. M. RUDOLPH (San Francisco, California)	Each of the following four methods was found to adequately measure cardiac output in a variety of circumstances: radionuclide-labeled microspheres, thermodilution, electromagnetic flowmeter and Fick method.
Maternal Essential Fatty Acid Supplementation Increases Zinc Absorption in Neonatal Rats: Relevance to the Defect in Zinc Absorption in Acrodermatitis Enteropathica	333
S. C. CUNNANE (Aberdeen, Scotland)	The results demonstrate that administration of evening primrose oil subcutaneously throughout gestation significantly increases zinc absorption in neonatal rats irrespective of maternal dietary zinc intake.
IgE and IgD in Human Colostrum and Plasma	444
S. L. BAHNA, M. A. KELLER, AND D. C. HEINER (New Orleans, Louisiana and Torrance, California)	The data suggest local mammary production of either IgE or both IgE and IgD.
Regulation of Glucose Production in Newborn Infants of Diabetic Mothers	555
K. C. KING, K. Y. TSENG, AND S. C. KALHAN (Cleveland, Ohio)	Exogenous glucose infusion resulted in more effective suppression of systemic glucose production in the term normal newborn than in the term infant of the diabetic mother.
Plasma Arginine Esterase in Cystic Fibrosis: Kinetics of Activation, Identification as Plasma Kallikrein, Reaction with α_2 -Macroglobulin and Comparison with Levels in Normal Plasma	666
A. F. BURY AND A. J. BARRETT (Cambridge, England)	The data indicate that abnormal plasma arginine esterase activity is unrelated to cystic fibrosis.
Reflex Apnea from Laryngeal Chemo-Stimulation in the Sleeping Premature Newborn Lamb	777
F. MARCHAL, B. C. CORKE, AND H. SUNDELL (Nashville, Tennessee)	The laryngeal chemoreflex was more pronounced during sleep than during wakefulness when the arousal did not occur.
Differences in Liver Folate Enzyme Patterns in Premature and Full Term Infants	888
A. KALNITSKY, D. ROSEN- BLATT, AND S. ZLOTKIN (Montreal, Quebec, Canada and Toronto, Ontario, Canada)	Specific activities of methylenetetrahydrofolate reductase and methionine synthetase, and of methylenetetrahydrofolate dehydrogenase and glutamate formiminotransferase were measured in livers from preterm and term infants and in a group of control subjects.
The Newborn of Diabetic Rat. I. Hormonal and Metabolic Changes in the Postnatal Period	999
J. M. CUEZVA, E. S. BURKETT, D. S. KERR, H. M. RODMAN, AND M. S. PATEL (Cleveland, Ohio)	Macrosomia, postnatal hyperinsulinemia, prolonged lowered plasma glucose, and attenuated plasma glucagon were observed in the newborns of insulin-treated diabetic rats.
The Newborn of Diabetic Rat. II. Impaired Gluconeogenesis in the Postnatal Period	000
J. M. CUEZVA, C. I. CHITRA, AND M. S. PATEL (Cleveland, Ohio)	The data demonstrate that the attenuated postnatal development of hepatic phosphoenolpyruvate carboxykinase and energy state are largely responsible for the observed impaired gluconeogenesis from lactate in neonates of insulin-treated diabetic rats.
Transport of β -Hydroxy- β -Methyl-Glutarate and β -Hydroxybutyrate by Renal Brushborder Membrane Vesicles	111
K. S. ROTH, M. S. MEDOW, M. A. SERABIAN, AND J. W. LONDON (Philadelphia, Pennsylvania)	Relevant therapeutic application of β -hydroxy- β -methyl-glutarate and β -hydroxy-butyrate to β -hydroxy- β -methyl-glutarate-CoA lyase deficiency is discussed in view of the data on transport and interaction of these two compounds.

European Journal of Pediatrics

Incorporating

ACTA PAEDIATRICA BELGICA

Volume 138 Number 4 July 1982

Last issue of this volume

The Pioneers of Pediatric Medicine 287

Review

G. R. Burgio, A. G. Ugazio: Immunodeficiency and Syndromes: A Nosographic Approach 288

Original Investigations

U. Wendel, U. Langenbeck, I. Lombeck, H. J. Bremer: Exchange Transfusion in Acute Episodes of Maple Syrup Urine Disease. Studies on Branched-Chain Amino and Keto Acids 293

H. J. Korvenranta, P. O. Kero, I. A. T. Välimäki: Intraesophageal Pressure Monitoring and the Severity of Respiratory Distress Syndrome 297

J. Kunze, H. Riehm: A New Genetic Disorder: Autosomal-dominant Multiple Benign Ring-shaped Skin Creases 301

G. Flatz, I. Bernsau, A. Behrens: Lactose Absorption and Malabsorption in Healthy Children: Improved Phenotypic Resolution by Simultaneous Determination of Breath Hydrogen and Carbon Dioxide 304

R. Subramanyam, R. Tandon, S. Shrivastava: Hemodynamic Effects of Sodium Nitroprusside in Patients with Ventricular Septal Defect 307

J. H. Bürsch: Comment on Invitation 310

M. Jensen, H. Attenberger, Ch. Schneider, J.-U. Walther: The Developmental Change in the $\alpha\gamma$ and $\gamma\gamma$ Globin Proportions in Hemoglobin F 311

H. Zaglul, F. Carswell, R. M. Simpson: A Case of Persistent Pulmonary Functional Abnormalities in Systemic-onset Juvenile Chronic Polyarthritis 315

R. A. Pfeiffer: The Oto-Onycho-Peroneal Syndrome. A Probably New Genetic Entity 317

J. A. Filtenborg: Persistent Pulmonary Hypertension After Lithium Intoxication in the Newborn 321

T. Satoh, K. Narisawa, T. Konno, T. Katoh, J. Fujiyama, A. Tomoe, K. Metoki, K. Hayasaka, K. Tada, M. Ishibashi, N. Yamane, T. Mitsuoka, Y. Benno: D-lactic Acidosis in Two Patients with Short Bowel Syndrome: Bacteriological Analyses of the Fecal Flora 324

F. De Luca, F. Trimarchi, C. Sferlazzas, S. Benavenga, G. Costante, C. Mami, G. Di Pasquale, G. Magazu: Thyroid Function in Children with Cystic Fibrosis 327

U. Töllner: Early Diagnosis of Septicemia in the Newborn. Clinical Studies and Sepsis Score 331

T. Goecke, F. Majewski, K. D. Kauther, U. Sterzel: Mental Retardation, Hypotonia, Obesity, Ocular, Facial, Dental, and Limb Abnormalities (Cohen Syndrome). Report of Three Patients 338

W. Rebien, E. Puttonen, H. J. Maasch, E. Stix, U. Wahn: Clinical and Immunological Response to Oral and Subcutaneous Immunotherapy with Grass Pollen Extracts. A Prospective Study 341

Short Communication

M. Abend, Z. Hochberg, Z. Borochowitz, A. Berger: Low-dose Continuous Intravenous Infusion of Insulin on the First Day of Life in a Diabetic Ketoacidotic Newborn 345

Case Reports

M. C. Greenwood, M. J. Dillon, H. A. Simmonds, T. M. Barratt, J. R. Pincott, C. Metreweli: Renal Failure due to 2,8-Dihydroxyadenine Urolithiasis 346

R. Palencia, F. Hermoso, A. Blanco, E. Sanchez Villares: Congenital and Hereditary Myasthenia 349

F. A. Beemer, K. Bartlett, M. Duran, H. K. Ghneim, S. K. Wadman, L. Bruinvis, D. Ketting: Isolated Biotin-resistant 3-Methylcrotonyl-CoA Carboxylase Deficiency in Two Sibs 351

F. Manz, E. Harms, P. Lutz, R. Waldherr, K. Schärer: Adolescent Cystinosis: Renal Function and Morphology 354

Subscription Information: Volumes 138 and 139 (4 issues each) will appear in 1982. Information about obtaining back volumes and microform editions available upon request.

North America. Subscription rate: \$ 494.00, including postage and handling. Subscriptions are entered with prepayment only. Orders should be addressed to: Springer-Verlag New York Inc., Journal Sales Department, 44 Hartz Way, Secaucus, NJ 07094, USA. Tel: (2 01) 348-4033. Telex: 0023125994.

All Other Countries. Annual subscription rate: DM 820.00, plus postage and handling. Airmail delivery on request only. For Japan, postage (Surface Airmail Lifted) and handling is DM 62.60. Orders can either be placed with your bookdealer or sent directly to: Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33. Tel: (0 30) 82 07-1.



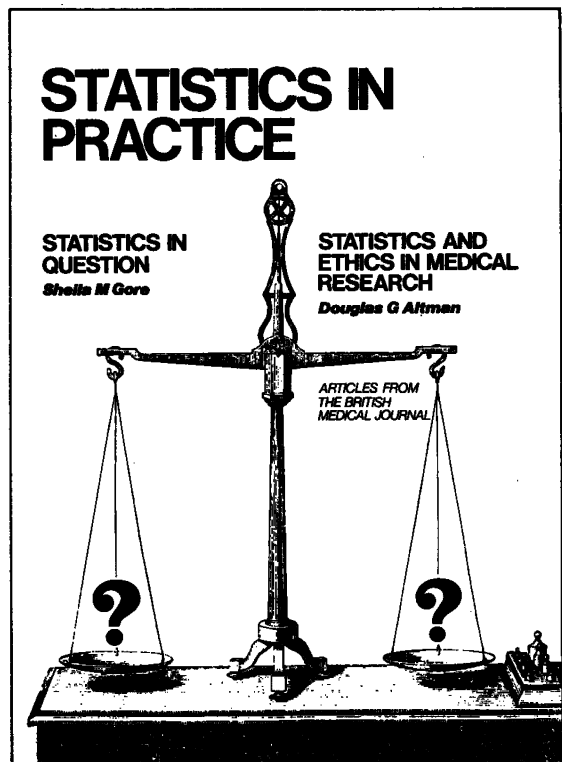
Springer International

STATISTICS IN PRACTICE

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 £7.00
Overseas US\$27.50*
(Inland £6.00;
Overseas US\$25.00*
for BMA members)
**including air mail postage*

Order your copy now
From: The Publisher
British Medical Journal
BMA House
Tavistock Square
London WC1H 9JR
or any leading bookseller



Monatsschrift Kinder- heilkunde

Organ der
Deutschen Gesellschaft
für Kinderheilkunde

130. Band
Heft 8
August 1982

Springer-Verlag Berlin Heidelberg New York

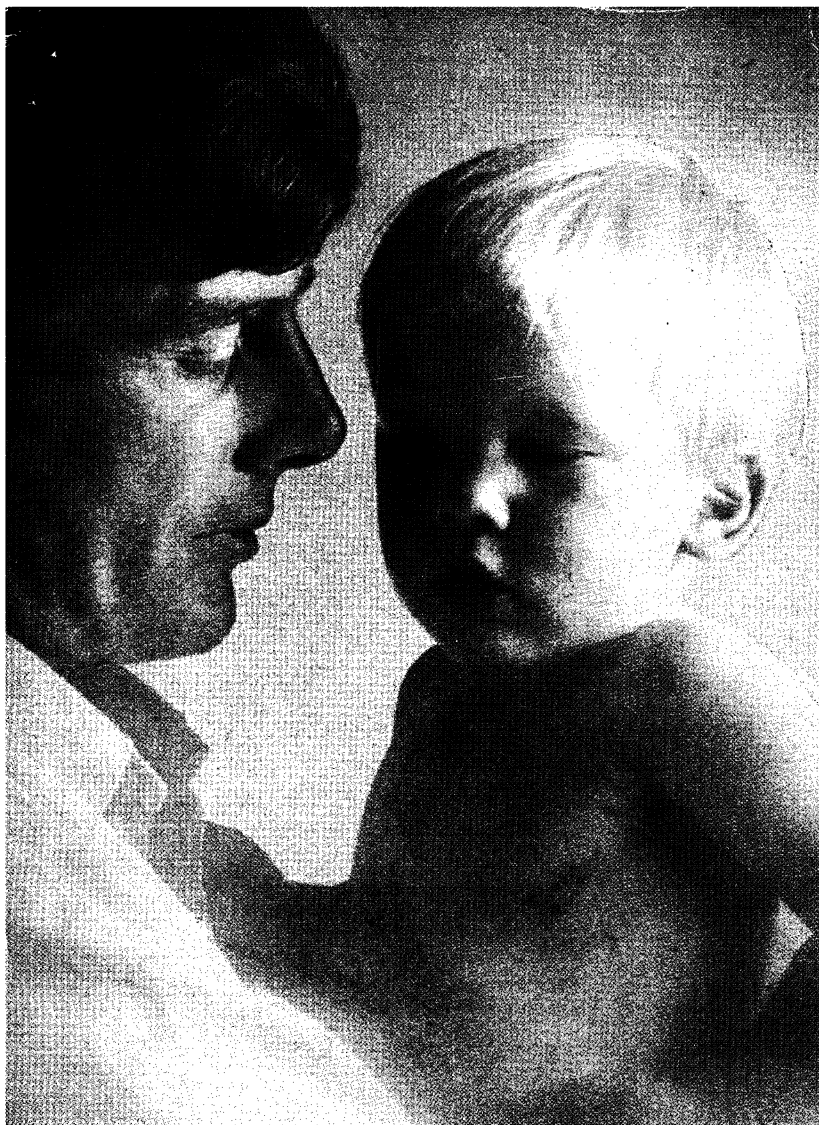
	Thema des Monats	This Month's Topic	
	Adipositas im Kindesalter	Obesity in Childhood	575
O. Hövels, G. Makosch, K. E. Bergmann	Adipositas im Kindesalter	Obesity in Childhood	576
	Pädiatrie aktuell	Trends in Paediatrics	580
	Was hat das Kind?	What's Wrong with the Child?	591
	Aus Klinik und Forschung Originalien	Clinic and Research Originals	
G. Makosch, O. Hövels, K. E. Bergmann, U. Dringenberg-Jagar	Eine Graphik zur Beurteilung des normalen und pathologischen Gewichtswachstums im Verhältnis zur Körpergröße als Variable	Standards for Assessment of Normal and Pathologic Weight in Relation to Height as Variable	592
G. Makosch, O. Hövels, K. E. Bergmann	Schätzung des kalorischen Bedarfs anhand einer Graphik	Estimation of the Caloric Need with the Help of a Graph	597
R. Jeschke, U. Pfeifer, D. Gekle	Cholesterylester-Speicherkrankheit	Cholesteryl Ester Storage Disease	601
D. Schuler, É. Kis, L. Velkey, I. Velkey, K. Németh, V. Mann	Eisenmangel und Eisenprophylaxe im Säuglings- und Kleinkindesalter	Iron-Deficiency and Replacement in Infancy	605
H.-M. Straßburg, H. Niederhoff, M. Sauer	Die Doppler-sonographische Registrierung der Durchblutung intracraneller Gefäße beim Säugling	Doppler-Sonography of Cerebral Blood-Flow in Infants	608
G. Gutezeit, M. Münke, M. Tolksdorf	Psychometrische Befunde bei Patienten mit Klinefelter-Syndrom	Psychometric Results in Patients with Klinefelter Syndrome	613
Th. Riebel, M. W. Köllermann, R. Busch, R. Montz, H. Scherf	Steriler vesiko-ureteraler Reflux	Sterile Vesico-Ureteral Reflux	616
	Der interessante Fall	The Interesting Case	
B. Arenz, M. Rister, A. Sanchez	Strychnin als Therapieversuch der nicht-ketotischen Hyperglycinämie	Strychnine in Non-Ketotic Hyperglycinemia	621
K. Kellermann, L. Heuser, T. Mertens	Stammganglien-Enzephalitis nach Mumps	Encephalitis of the Basal Ganglia Associated with Mumps	624
A. Thon, F. Pohlandt	Primäre Herpes genitalis-Erkrankung eines männlichen Säuglings	Primary Genital Herpesvirus Infection in an 8-Month-Old-Boy	628
	Wußten Sie schon?	Do You Know?	
M. Bauer, K. Aigner, K. Schwemmler, H. Wolf	Neues aus Therapie und Prophylaxe Soll Milzgewebe nach geburts-traumatischer Milzruptur reimplantiert werden? Auflösung und Kommentar der Fragen „Was hat das Kind?“	New Developments in Therapy and Prophylaxis Should Splenic Tissue be Re-Implanted After Splenectomy Due to Birth Trauma? Solution and Commentary of the Questions „What's Wrong with the Child?“	630 629
K. Betke	Professor Dr. Conrad Gasser	In memoriam	632
	Laudationes	Laudationes	
O. Hövels	Professor Dr. Josef Svejcar 85 Jahre		632
	Aus Gesellschaften und Berufsverband	Societies and Professional Organisations	633
	Tagesgeschichte, Personalia	News of the Day, Personal News	635
	Tagungskalender	Forthcoming Meetings	635
Abstrakte der Vorträge und Beiträge zur wissenschaftlichen Ausstellung der 78. Tagung der Deutschen Gesellschaft für Kinderheilkunde, 12. – 15. September 1982 in Heidelberg			637
	Für die Dokumentation	Documentation	A 50

Indexed in Current Contents

Monatsschr Kinderheilkd (1982) 130, 8

Annual subscription: DM 210, – plus postage

Published by British Medical Association, Tavistock Square, London WC1H 9JP, and
Printed in England by The Devonshire Press Ltd., Torquay



When
efficacy
is the need
and safety
the concern

No need now to sacrifice
efficacy for safety, because
Eumovate fulfils the need
for a corticosteroid
preparation with greater
topical activity than
hydrocortisone, yet
with a wide margin
of safety.



Eumovate

(clobetasone butyrate)

a unique balance of efficacy and safety

Prescribing information

Uses

Eumovate is suitable for treating the milder forms of eczema, seborrhoeic dermatitis and other steroid responsive skin conditions.

Dosage and administration

Apply up to four times a day until improvement occurs, when the frequency of application may be reduced.

Contra-indications

Bacterial, fungal or viral diseases of the skin.
Hypersensitivity to the preparation.

Precautions

In infants and children, long-term continuous topical corticosteroid therapy should be avoided where possible, as adrenal suppression can occur. In infants, the napkin may act as an occlusive dressing, and increase absorption. Appropriate antimicrobial therapy should be used concurrently whenever treating inflammatory lesions which have become infected.

Any spread of infection requires withdrawal of topical corticosteroid therapy and, possibly, commencement of systemic chemotherapy.

Avoidance of corticosteroids, prolonged application to the face is undesirable.

In general, topical steroids should not be used extensively in pregnancy, i.e., in large amounts or for prolonged periods.

Side effects

In the unlikely event of signs of hypersensitivity appearing, application should stop immediately. If large areas were to be treated, some patients could absorb sufficient steroid to cause transient adrenal depression despite the low degree of systemic activity associated with clobetasone butyrate. Local atrophic changes could occur where moisture increases absorption of steroid, but only after prolonged use.

Basic NHS cost (exclusive of VAT)
25 gram tube £1.63 (also available in 100 gram tubes)

Product Licence numbers

Cream: 4/0239
Ointment: 4/0254

Glaxo

leaders in topical steroid therapy

Further information on Eumovate (trade mark) is available from:

Glaxo Laboratories Limited
Greenford, Middlesex UB6 CHE