

He might feel better if you played detectives.

The allergic component in the aetiology of childhood asthma is well recognised. Tracking down the specific offending allergens, however, is quite a detective job. Skin testing gives only a rough idea. Nasal and bronchial provocation tests can be difficult to interpret, risky or far too time consuming.

Phadebas RAST is the laboratory test that can eliminate a lot of suspects and identify the villains by revealing individual sensitivities reflected in high levels of specific IgE in the blood.

With Phadebas RAST, one ml of serum can give you a reliable profile of the most probable clinical sensitivities — a better guide to successful treatment.

Send off the coupon and examine the evidence.

Phadebas RAST® In-vitro test for atopic allergy.

- ☐ Send clinical information.
- ☐ Arrange for me to try the test.

Name

Position

Address

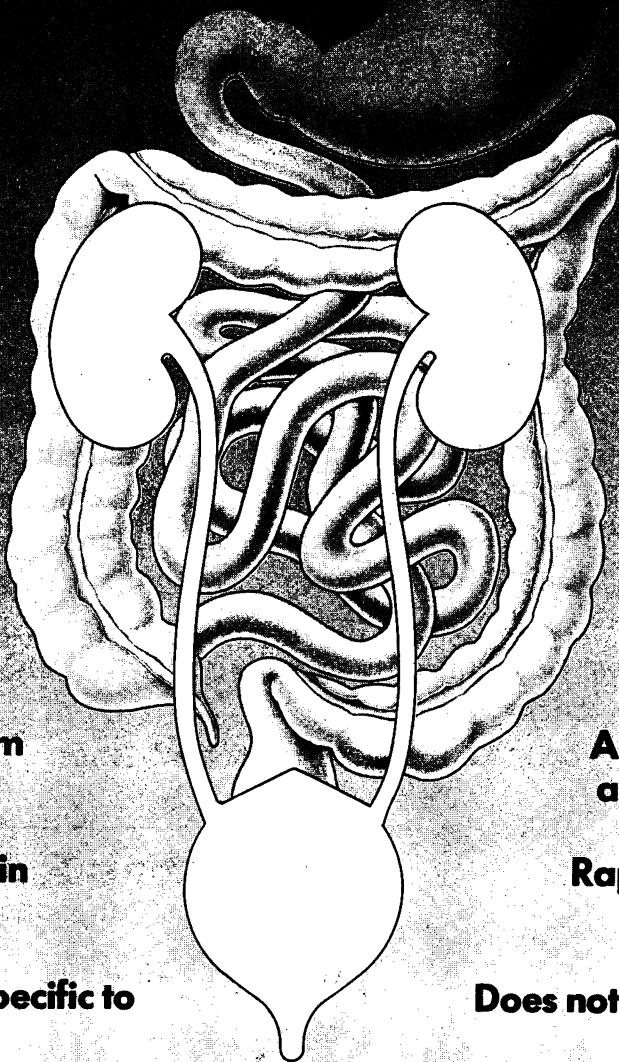
Pharmacia (Great Britain) Ltd
Prince Regent Road Hounslow
Middlesex TW3 1NE
Telephone: 01-572 7321



Furadantin Suspension

(nitrofurantoin)

To prevent lower urinary tract reinfection in childhood*



**The only liquid form
of nitrofurantoin.**

**For recurrent U.T.I. in
childhood.**

**Bactericidal and specific to
urinary tract.**

**Active in both urine
and renal medulla.**

**Rapidly absorbed in
G.I. tract.**

**Does not cause changes in
gut flora.**

Prescribing Information

Presentation Furadantin Suspension contains 25mg nitrofurantoin in each 5ml.

Action Furadantin Suspension contains nitrofurantoin, a broad spectrum antibacterial agent, bactericidal in renal tissue and throughout the urinary tract. After oral administration the nitrofurantoin is rapidly excreted in the urine, up to 45% being unchanged.

Uses Therapeutic. Cystitis, pyelitis, pyelonephritis; also post-operative infections of the genito-urinary tract, particularly after the passage of instruments and after prostatectomy. Furadantin Suspension is indicated in the treatment of urinary tract infections in pregnancy. The active ingredient, nitrofurantoin, has been in widespread use for over 23 years; this extensive clinical experience, and foetal studies in animals, have shown no evidence to suggest that nitrofurantoin may be a cause of congenital abnormality. However, it is recognised that caution should always be observed when prescribing for the pregnant patient.

Prophylactic. To prevent reinfection in susceptible individuals. As cover for catheterisation or instrumentation of the urinary tract.

*When used prophylactically in susceptible individuals.

Administration Furadantin Suspension is administered orally. The dose should be taken with each meal and at bedtime with food or milk.

Dosage Therapeutic. Adults 20ml 4 times daily.
Children

Bodyweight		Average age for weight	Dose to be taken 4 times a day
lb	kg		
10-30	5-13	3-30 months	2.5ml
30-50	13-23	2½-6 years	5ml
50-80	23-36	6-11 years	10ml
80-110	36-50	11-14 years	15ml

Prophylactic. One quarter to one half of therapeutic dose.

Contra-indications Infants under one month should not be given nitrofurantoin. Contra-indicated in patients suffering from severe renal impairment.

Side-effects and precautions Glucose-6-phosphate dehydrogenase deficiency. Peripheral neuropathy has rarely been reported after treatment with nitrofurantoin. Should

numbness or tingling occur in any part of the body, treatment should be discontinued.

Nausea or vomiting may occasionally occur but this can be minimized or eliminated by taking the drug with food or milk, or reducing the dosage, but not below the adult equivalent of 200mg in 24 hours. Drug rashes and pyrexia with nitrofurantoin therapy have occasionally been reported.

Rarely a respiratory syndrome with bronchospasm and/or dyspnoea, cough and sometimes chest pain has been reported. These symptoms have occasionally been associated with transitory pulmonary infiltration or pleural effusion. Rarely, nitrofurantoin has been shown to cause hepatotoxicity.

Packaging Furadantin Suspension is supplied in bottles of 300ml.

Basic NHS cost 300ml bottle £2.18.

'Furadantin' is a registered trade mark.

PL 0364/0010 PA 170/5/3

Full information is available on request.

Eaton Laboratories, Regent House, The Broadway, Woking, Surrey GU21 5AP.

Multiple Sclerosis Spinal Lesions

Also indicated for

**Spasticity
associated with
cerebral palsy**

C I B A

References

1. Practical Therapeutics (1975) 10, 112.
2. Postgraduate Medical Journal (1975) 51, 615.

denotes registered trademark
Full prescribing information is available on
request from
CIBA Laboratories, Horsham, West Sussex.

L1/6

Reduced Subscription Rates for Junior Hospital Doctors Residents and Interns...

from January 1 1979

Archives of Disease in Childhood

will be available to junior doctors in all parts of the world for a maximum of four consecutive years at REDUCED Annual Subscription Rates. (Thereafter, or when reaching consultant status this special offer will no longer apply.) The following subscription rates apply for the twelve issues published in 1979.

Inland £17.00

Overseas US\$40.00

(The full rates are: Inland £28.00; Overseas US\$65.50)

The opportunity to subscribe to this journal of international authority and repute at a substantially reduced subscription rate is one not to be missed by junior doctors seeking to specialise in paediatrics.

Please complete the adjacent order form and send for your subscription NOW.

Further order forms can be supplied on request.

ORDER FORM

BMA Publications
BMA House, Tavistock Square
London WC1H 9JR, England

Please enter my subscription to
**ARCHIVES OF
DISEASE IN CHILDHOOD**

- ☐ United Kingdom and
Irish Republic £17.00
☐ Overseas US\$40.00
☐ My remittance for.....
is enclosed

(Please tick appropriate boxes)

NAME.....

ADDRESS

To be completed by Consultant

*I hereby confirm that the above
mentioned doctor is a member
of the junior hospital staff/
resident/intern at*

Signed.....

Archives of Disease in Childhood

THE UNIVERSITY OF LEEDS
DEPARTMENT OF PAEDIATRICS AND CHILD HEALTH
DEPARTMENT OF COMMUNITY MEDICINE AND GENERAL PRACTICE

COURSE IN DEVELOPMENTAL PAEDIATRICS AND CHILD HEALTH

It is proposed to hold a further course in the academic year of 1979/80 in association with Hospital and Child Health Specialists in the Leeds Region.

The course will consist of a whole-time introductory week, commencing Monday 1 October 1979, followed by 3 ten-week terms of day-release on Wednesdays. The outline of the syllabus is as follows:

TERM I : The Child with Physical Handicaps

TERM II : The Child with Emotional and Educational Handicaps

TERM III: Current Topics in Child Health

The course is recognised under the National Health Service Regulations 1974. The whole course fee is £200.

The course will be designed so that the introductory week, the separate terms and the individual study days of the third term are each self-contained, and it will be possible to attend selected parts of the course only. The introductory week and the third term are recognised under Section 63.

Further details of the course and of fees for parts of the course, and application forms, may be obtained from Professor R. W. Smithells, Department of Paediatrics and Child Health, 27 Blundell Street, Leeds LS1 3ET, Yorkshire.

Hypothalamic and Pituitary Hormones

The Proceedings of a Symposium organised by the Association of Clinical Pathologists

Edited by G. K. McGowan and G. Walters

CONTENTS

Editors' foreword • Anatomy of the hypothalamus and pituitary gland • Pituitary and hypothalamic physiology • Relationships of structure with function of the gonadotrophins • Purification of anterior pituitary and hypothalamic hormones • Cytochemical methods of hormone assay • Secretion of hypothalamic and pituitary hormones by non-endocrine tumours • Secretion of pituitary-like peptides by the human placenta • Disorders of prolactin secretion • Disorders of gonadotrophin secretion • Gonadotrophin-releasing hormone • Thyrotrophin-releasing hormone in clinical practice • Therapeutic use of human growth hormone • Management of acromegaly • The posterior pituitary and diabetes insipidus

PRICE: Inland £4.00; Abroad US\$10.00 including postage

Payment must be enclosed with order or a surcharge of 30p will be made for rendering invoices and statements

This publication can be ordered now from: The Publishing Manager

JOURNAL OF CLINICAL PATHOLOGY

B.M.A. House, Tavistock Square, London WC1H 9JR

European Journal of Pediatrics

Vol.131 No.1 1979

Annotation for Discussion

- 1 **W. Spranger:** Developmental Terms — Some Proposals. First Report of an International Working Group

Original Investigations

- 9 **N. W. Svenningsen, B. Jonson, M. Lindroth, H. Ahlström:** Consecutive Study of Early CPAP-Application in Hyaline Membrane Disease
- 21 **H. E. Ulmer, R. Ludwig, H. Geiger:** Assessment of Adriamycin Carditoxicity in Children by Systolic Time Intervals
- 33 **W. Endres, G. Zoulek, J. Schaub:** Hyperdibasicaminoaciduria in a Turkish Infant Without Evident Protein Intolerance
- 43 **H. U. Schwenk, H. W. Baenkler:** Effect of Gammaglobulin Injection on Circulating Immune Complexes in Various Diseases
- 49 **H. Schloon, J. Schlottmann, H. G. Lenard, H. H. Goebel:** The Development of Skeletal Muscles in Premature Infants. I. Fibre Size and Histochemical Differentiation
- 61 **G. Zoppi, G. Zamboni, N. Bassani, G. Vazzoler:** Gammaglobulin Level and Soy-Protein Intake in Early Infancy

Technical Reports, Applications, Consequences

- 71 **J. A. Kittermann:** Fatal Air Embolism Through an Umbilical Venous Catheter

Case Reports

- 75 **R. Wodarz, N. Sörensen, M. Ratzka:** CT-Findings in a Case of Clover-Leaf Skull

Letters to the Editors

- 81 **E. Westphal, W. Müller-Ruchholtz:** HLA Frequencies and Haplotypes in Children with Idiopathic Thrombocytopenic Purpura (ITP)
- K.-G. Evers, R. Thouet, W. Haase, J. Krüger: Authors' Reply

Indexed in Current Contents

Subscription Information: Volumes 130—132 (4 issues each) will appear in 1979. Information about obtaining back volumes and microform editions available upon request.

All Countries (Except North America).
Subscription rate: DM 528.—, plus postage and handling. Orders can either be placed with your bookdealer or sent directly to:
Springer-Verlag, Heidelberger Platz 3,
D-1000 Berlin 33, Tel. (030) 822001.

North America. Subscription rate: \$ 277.80, including postage and handling. Subscriptions are entered with prepayment only. Orders should be addressed to:
Springer-Verlag New York Inc.,
Service Center Secaucus, 44 Hartz Way
Secaucus, N.Y. 07094, USA.



Springer International

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