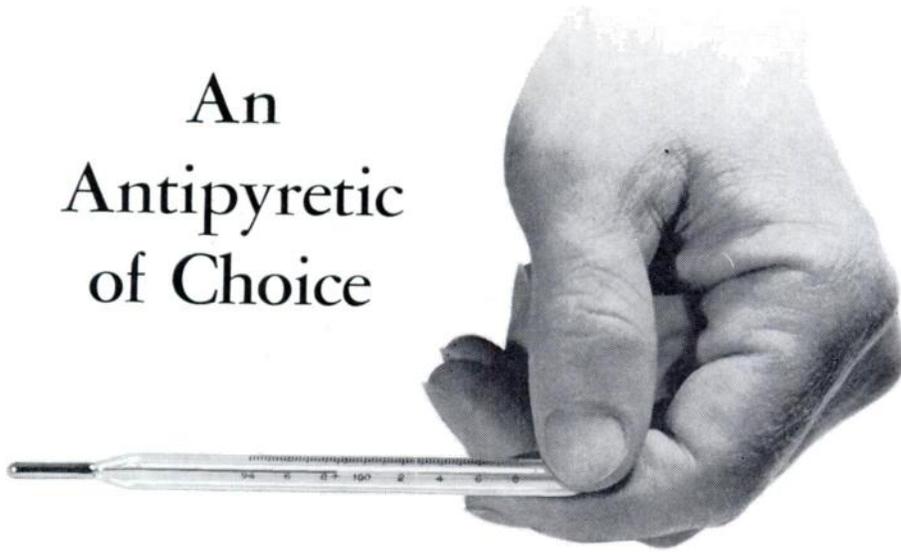


An Antipyretic of Choice



EACH TABLET of St. Joseph Aspirin For Children contains $1\frac{1}{4}$ grains of highest quality aspirin—the dosage most widely accepted in the administration of aspirin to children. And the palatability of this *specialized* aspirin for children makes it exceptionally well tolerated. These are some of the reasons

St. Joseph Aspirin For Children is widely used for safe and effective reduction of fever in infancy and childhood.



The first and last instructions mothers see on the NEW SAFETY CAP when they use St. Joseph Aspirin For Children.

This new SAFETY CAP has proved to afford protection against either accidental or purposeful opening by children.

A
PALATABLE
ASPIRIN
TABLET
OF
UNIQUE
EXCELLENCE



If you have not received samples, write to Plough, Inc., Memphis, Tennessee

A PRODUCT OF *Plough, Inc.* NEW YORK • MEMPHIS • LOS ANGELES

FOR CONSTIPATED BABIES

Borcherdt



MALT SOUP EXTRACT

Provides quick, safe, gentle relief with no gas pains, no stomach upset and no side effects. This time-tested product, by developing friendly aciduric intestinal flora, gets very satisfactory results **NATURALLY.**

Two tablespoonfuls in the daily formula for infants (in water for breast fed babies) produce soft, natural stools. Malt Soup Extract is very effective also for growing children when added to cereals, fruit juices or milk.

Malt Soup Extract is specially processed non-diastatic barley malt extract neutralized with potassium carbonate. It has been time-tested for more than forty-five years.

Available in both powder and liquid forms in 8 ounce and 16 ounce jars.

WE WILL BE GLAD TO SEND SAMPLES



BORCHERDT COMPANY

217 North Wolcott Avenue, Chicago 12, Illinois

*Serving the
Medical Profession
Since 1868*

In answering advertisements please mention PEDIATRICS

i

This One



1J2D-77R-CYZH

GENERAL INFORMATION

PEDIATRICS publishes papers on original research or observations and special feature or review articles in the field of pediatrics as broadly defined. Papers on material pertinent to pediatrics will also be included from related fields such as nutrition, surgery, dentistry, public health, human genetics, psychology, psychiatry, education, sociology, and nursing. PEDIATRICS is the official publication of the American Academy of Pediatrics, Inc., and serves as a medium for expression to the general medical profession as well as pediatricians.

COMMUNICATIONS

Concerning editorial matters, manuscripts, and books for review should be sent to the Editor, Dr. Charles D. May, PEDIATRICS, 667 Madison Ave., New York 21, N.Y.

Concerning the American Academy of Pediatrics should be sent to Dr. E. H. Christopherson, Executive Secretary, 1801 Hinman Avenue, Evanston, Illinois.

Concerning business matters, subscriptions, offprints, reprints, and advertising should be sent to Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois.

INFORMATION FOR CONTRIBUTORS

Papers are accepted on the condition that they have not been published elsewhere in whole or in part and that they are contributed exclusively to this Journal, except by special consideration. Manuscripts should be prepared according to the instructions for "Preparation and Manuscripts" for PEDIATRICS as published in the advertising section of the January and July issues.

Review of manuscripts by the Editorial Board and promptness of publication will be greatly facilitated if two *complete* copies of the manuscript, *including tables, charts, and figures* are supplied.

The manuscript should be submitted by the head of the department or institution in which the work was done or accompanied by a letter of authorization for publication of the paper. Galley proofs and engraver's proofs are sent to authors. Permission to reproduce material from PEDIATRICS must be requested in writing.

OFFPRINT AND REPRINT ORDERS

PEDIATRICS will supply, at no charge, 50 offprints of each article without covers. All offprints are printed at the same time as PEDIATRICS—any in excess of the 50 free must be ordered immediately upon receipt of your galley proof on the form which will accompany proof. Offprints are side-stitched and distributed more promptly than reprints.

Offprint orders are limited to 250 (including 50 free) and must be ordered through the Senior Author. The type from each issue of PEDIATRICS is killed as soon as it is printed, except for reprint orders in hand. Offprints are not available thereafter.

All orders in excess of above offprints will be printed as a reprint job; saddle stitched and self-covered, unless covers are ordered. Orders over 1,000 are subject to special quotations and any additional changes from standard pages are subject to additional charges. Any orders entered after PEDIATRICS has gone to press will be more costly. When galley proofs are received, read the offprint and reprint order forms carefully. All instructions thereon are final.

CONTENTS

(Continued from page iii)

Ceruloplasmin Activity in the Serum of Children with Schizophrenia— <i>Ruth Morris Bakwin, M.D., Erwin H. Mosbach, Ph.D., and Harry Bakwin, M.D.</i>	905
Studies of Congenital Hemolytic Syndromes. I. Rates of Destruction and Production of Erythrocytes in Thalassemia— <i>Marion E. Erlandson, M.D., Irving Schulman, M.D., Gertrude Stern, M.D., and Carl H. Smith, M.D.</i>	910
The Influence of Surgery on Renal Function in Infancy and Childhood. II. The Effect of Surgery on the Renal Excretion of Sodium— <i>Mitchell I. Rubin, M.D., Philip L. Calcagno, M.D., P. K. Mukherji, M.D., and Walter S. A. Singh, M.D.</i>	923
Equivalence of Pasteurized and Fresh Human Milk in Promoting Nitrogen Retention by Normal Full-term Infants— <i>Samuel J. Fomon, M.D., Lora N. Thomas, R.N., and Charles D. May, M.D.</i>	935
Function of the Salivary Gland in Cystic Fibrosis of the Pancreas— <i>Giulio J. Barbero, M.D., and Warren Chernick, D.Sc.</i>	945
The Effects of Anoxia on the Metabolism of Human Fetal Tissues— <i>Claude A. Villee, Ph.D., Dwain D. Hagerman, M.D., Nils Holmberg, M.D., John Lind, M.D., and Dorothy B. Villee, M.D.</i>	953
Polyneuritis in Children— <i>Niels L. Low, M.D., Julia Schneider, M.D., and Sidney Carter, M.D.</i>	972
REVIEW ARTICLE	
Concerning the Nature of the Properdin System— <i>Ralph J. Wedgwood, M.D.</i>	991
SPECIAL ARTICLE	
American Board of Pediatrics. Report on 1958 Written Examination	1001
AMERICAN ACADEMY OF PEDIATRICS	
Proceedings—Ophthalmia Neonatorum. Is Prophylaxis Necessary?— <i>Gilbert W. Mellin, M.D., and Mary P. Kent, M.D.</i>	1006
—Clinical Conference. Clinical and Experimental Studies of Infectious Hepatitis— <i>Saul Krugman, M.D., and Robert Ward, M.D.</i>	1016
LETTERS TO THE EDITOR	1023
NEWS AND ANNOUNCEMENTS	1028
BOOK REVIEWS	971, 1030

PEDIATRICS is owned and controlled by the American Academy of Pediatrics, Inc. It is issued monthly by Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois.

Subscription price per year: U.S., Mexico, Cuba, Central and South America, \$12.00; Canada, \$13.00; other countries, \$14.00. Special price for medical students, hospital residents, and fellows in full time training, \$6.00 per year but renewal at this rate beyond two years will require a letter from an appropriate authority stating the individual's eligibility. Current single issues, \$1.50. Distributed in the British Commonwealth of Nations by Blackwell Scientific Publications, Ltd., 24-25 Broad Street, Oxford, England, yearly price £5.5.0.

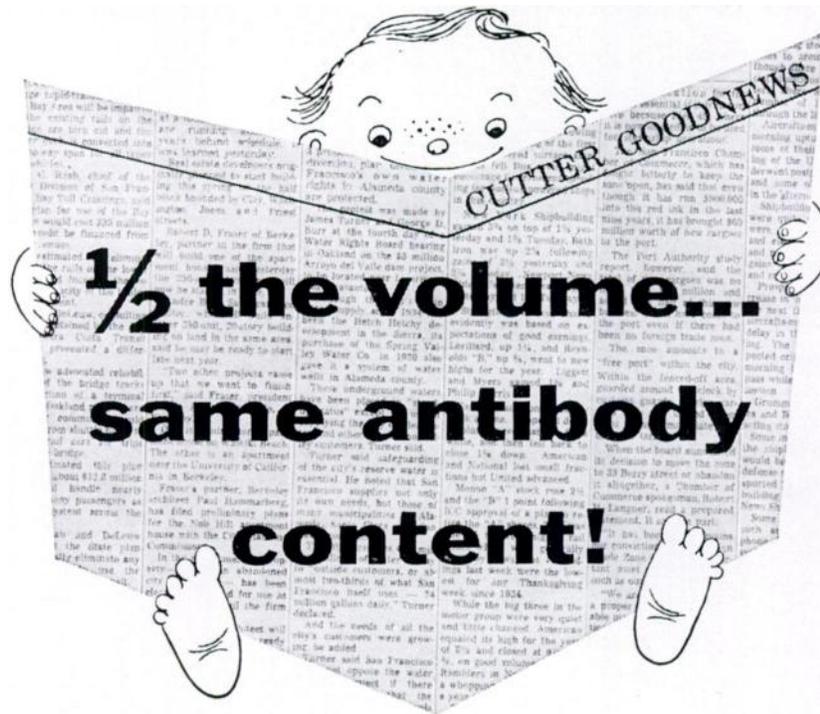
Second-Class postage paid at MENASHA, WISCONSIN, and at additional mailing office under the Act of March 3, 1879. Acceptance at a special rate of postage, as provided in Section 3440D, authorized November 18, 1952.

Copyright, © 1958, by the American Academy of Pediatrics, Inc. Printed in U.S.A.

Copyrighted in the British Commonwealth of Nations by Blackwell Scientific Publications, Oxford. No part may be duplicated or reproduced without permission of publishers.

NOW

... an even smaller injection



for prophylaxis or treatment of whooping cough

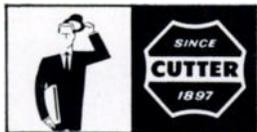
1 1/4 cc. HYPERTUSSIS®/CUTTER
antipertussis serum (human)

never before such concentration in such small volume

A 1 1/4 cc. dose of superconcentrated Hypertussis/Cutter contains the gamma globulin equivalent of approximately 25 cc. of human hyperimmune serum. Available in 1 1/4 cc. one-dose vials.

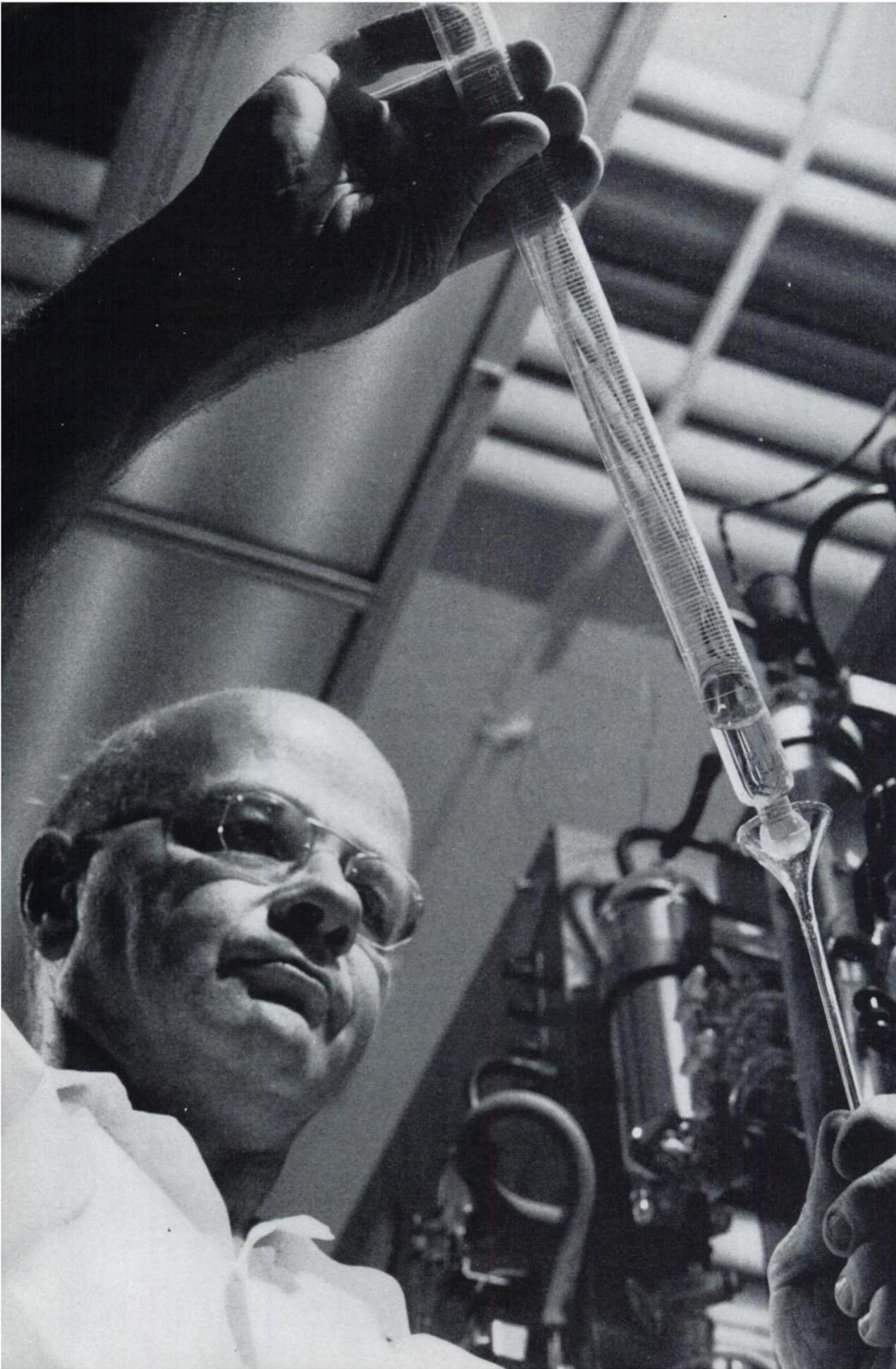
Cutter offers the only complete line of human blood fraction products—Albumin (purified, concentrated human serum albumin), Polio Immune Globulin (gamma globulin), Parenogen® (fibrinogen), Hyparotin™ (mumps immune globulin).

Ask your Cutter man
for further information
and literature, or
write to Dept. 35-L



CUTTER LABORATORIES
Berkeley, California

In answering advertisements please mention PEDIATRICS





He bets on molecules

When William Bruce searches for new molecular formations in drugs, he knows he often plays a game of chance with the unknown. Dr. Bruce is one of an army of ceaselessly exploring scientists in his section of the Research and Development Division of Wyeth.

In these uncharted regions of organic synthesis, Dr. Bruce finds that compounds of great promise do not always result in clinical breakthroughs.

Take the case of WY-1292. This was one of a group of selenium analogues of cystine synthesized by Bruce and his associates in an effort to develop an improved agent for leukemia. After a score of derivatives of the parent compound had been created and screened, clinical drawbacks were acknowledged. The process had consumed many man-hours of organized effort. Disappointment was natural. Antileukemic action had been successfully demonstrated, but leukemic cells were shown to acquire increasing resistance to the drug. So this is an agent you'll never see.

Every research scientist has a dogged instinct to penetrate nature's barriers. Dr. Bruce and his fellows at Wyeth are responsible for a constant flow of compounds, some of which represent victories in the obstetrics of research. These are the Wyeth drugs that, in your hands, permit improved care of patients.



Philadelphia 1, Pa.

IN TREATMENT OF PINWORMS

*break the reinfestation cycle
rectally*

GENTIAN-EV SUPPRETTES[®]

SUCCESSOR TO THE SUPPOSITORY

97% CURES

Within 14-28 days, virtually a 100% cure of pinworms can be obtained with combined oral medication and Gentian-Ev Suppettes rectally.¹

THE "NEOCERA" BASE

Contains no oils or fatty materials. Consists of water-soluble Carbowaxes* with active dispersal agent.

*Trademark U.C.C.

1. Allen, F. P., Jr.: J. Ped. 46: 155, 1955.

Composition: Each Gentian-Ev Suppette contains gentian violet 0.25% and benzocaine 2.0%, in "Neocera" dispersal base.

Supplied: In jars of 14 (one complete treatment).

NO REFRIGERATION NECESSARY
Samples on Request



NEW TWO-PHASE ATTACK

RECTALLY—Gentian-Ev Suppettes

- Break reinfestation cycle
- Kill gravid females in rectal region
- Arrest perianal itching, scratching

ORALLY— Oxyuricidal Medication

- Destroys young and adult oxyuricides in intestinal tract

GENTIAN-EV SUPPRETTES

RECTAL MANAGEMENT OF ENTEROBIUS VERMICULARIS



THE WILLIAM A. WEBSTER COMPANY, MEMPHIS 5, TENNESSEE

In answering advertisements please mention PEDIATRICS



130
Viacets
Multiple Vitamin
Candispheres
FOR CHILDREN
Chew Like Candy
WALKER LABORATORIES, INC.
MADE IN U.S.A.

THE PHYSICIAN NEEDS SPECIAL PROTECTION, TOO



true security

*can be yours with
a plan tailor-made
for your special needs*

Proper preventive measures *now* can protect your patients' futures. You are especially qualified to offer this protection.

Similarly, Mutual Benefit Life, with more than a century of service to the medical professions, is unusually qualified to examine your present needs and protect your future.

Mutual Benefit Life offers you TRUE SECURITY tailored to your career and family. This plan will take into account your particular earning curve, your probable lack of company "fringe" benefits for retirement, and all such special considerations in giving you TRUE SECURITY.

Ask your Mutual Benefit Life man about TRUE SECURITY, and a personalized, comprehensive plan with the most liberal coverage in Mutual Benefit Life's 113-year history—and at a new low cost.

MUTUAL BENEFIT
The **LIFE** Insurance Company
for TRUE SECURITY

THE MUTUAL BENEFIT LIFE INSURANCE COMPANY, NEWARK, NEW JERSEY

In answering advertisements please mention PEDIATRICS

ASYMPTOMATIC

**ALERT
AND
ACTIVE**



the newest type of

ANTI-HISTAMINE

ideally suited for children

“**THERUHISTIN**”[®]
Brand of Isothipendyl hydrochloride
SYRUP
2 mg. per 5 cc. (tsp.),
bottles of 16 fluidounces

HIGH POTENCY

over 90% effective in 1209 cases of various respiratory and topical allergies (studies included infants, children and adults).¹⁻³

DELIGHTFULLY FLAVORED

readily accepted by all youngsters.

LOW SEDATION

99% free of drowsiness in 1209 cases, no other side effects or toxic reactions reported.¹⁻³

“exceptionally well tolerated even by infants”¹

Dosage:

Children, ½ to 1 teaspoonful (1 to 2 mg.) two to four times daily.

Also available:

“**THERUHISTIN**” Tablets, 4 mg., bottles of 100 and 1,000.

“**THERUHISTIN**”-**S.A.** Sustained Action Tablets, 12 mg. per tablet, bottles of 100 and 1,000.

1. New and Unused Therapeutics Committee, Am. Coll. Allergists: *Ann. Allergy* 16:237 (May-June) 1958. 2. Spielman, A. D.: *Ibid.* p. 242. 3. *Idem*: *New York J. Med.* 57:3329 (Oct. 15) 1957.



AYERST LABORATORIES New York 16, New York ■ Montreal, Canada

5880

In answering advertisements please mention PEDIATRICS

WHEN CHILDREN HAVE HEART FAILURE



'LANOXIN' brand **DIGOXIN ELIXIR PEDIATRIC***

SUSTAINS THE HEART PREDICTABLY

with the greater margin of safety afforded by:

uniform potency,
a brief latent period,
optimum rate of elimination.

This stable, lime-flavored solution contains 0.05 mg. 'Lanoxin' brand Digoxin in 1 cc. It is supplied in bottles of 2 fluid ounces, each with a dropper calibrated to 1 cc. in graduations of 0.2 cc.

* Formerly known as 'Wellcome' *brand
Digoxin Elixir Pediatric



BURROUGHS WELLCOME & CO. (U. S. A.) INC., Tuckahoe, New York

In answering advertisements please mention PEDIATRICS

AN AMES CLINIQUICK

CLINICAL BRIEFS FOR MODERN PRACTICE

is the etiology of children's cough different from that of adults?

Yes. Children's cough is more commonly associated with disorders of the upper respiratory tract—infectious processes, enlarged adenoids, excessive lymph tissue in the pharynx.

Source—Hobby, A. W., in Naclerio, E. A.: *Bronchopulmonary Diseases*, New York, Paul B. Hoeber, Inc., 1957, p. 228.

drop-dosage

DIATUSSIN[®]

non-narcotic cough control

safe relief of children's cough

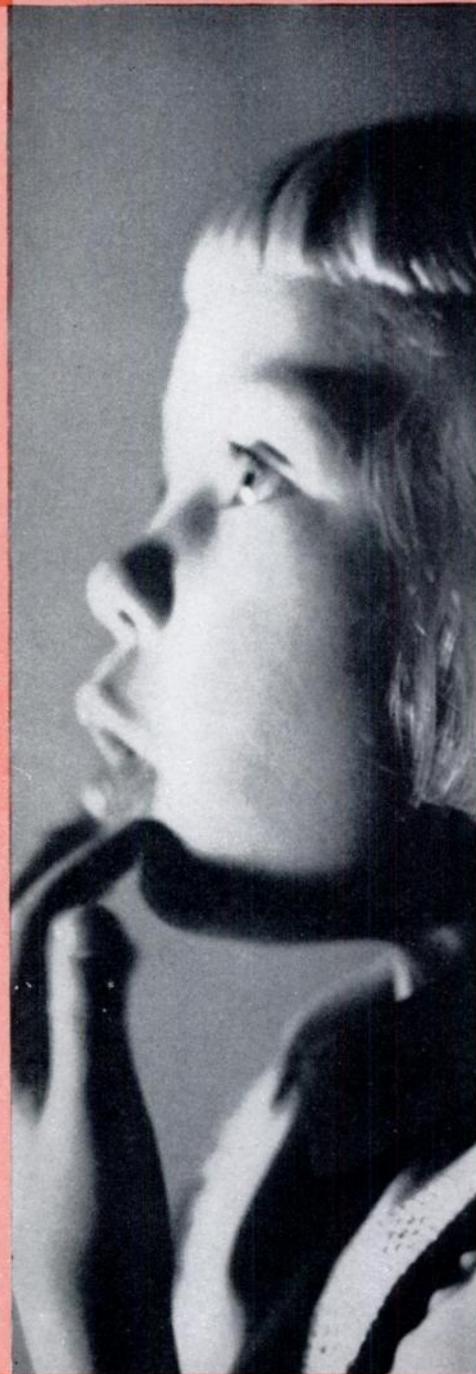
Particularly efficient in the control of troublesome unproductive cough, non-narcotic DIATUSSIN loosens cough and makes it easier... easier to give, too, in pleasant drops.

Supplied: 6-cc. bottles with dropper.
also available: DIATUSSIN Syrup.



AMES COMPANY, INC • ELKHART, INDIANA
Ames Company of Canada, Ltd., Toronto

4755B



In answering advertisements please mention PEDIATRICS

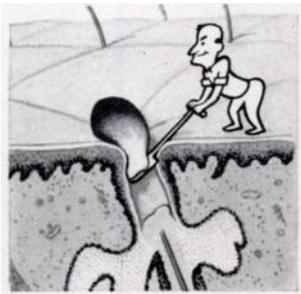
IN ACNE

**Fostex[®] degreases the skin
and helps remove blackheads**

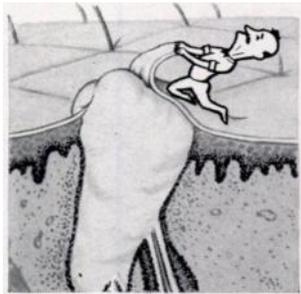


Fostex contains a combination of surface active agents (Sebulytic*) which:

◀ Completely emulsify excess oil so that it is quickly washed off the skin.



◀ Penetrate and soften comedones, unblocking the pores and facilitating removal of sebum plugs.



Fostex dries and peels the skin

◀ The Sebulytic base of Fostex dries and promotes peeling of the skin . . . actions enhanced by the keratolytic effects of micropulverized sulfur and salicylic acid.

*(Sodium lauryl sulfoacetate, sodium alkyl aryl polyether sulfonate, sodium dioctyl sulfosuccinate.)

Fostex is easy for your patients to use

FOSTEX CREAM
for therapeutic washing of skin in the initial phase of acne treatment, when maximum degreasing and peeling are desired.

FOSTEX CAKE
for maintenance therapy to keep skin dry and substantially free of comedones.



◀ Patients stop using soap on affected skin areas. Instead they use Fostex for therapeutic washing of the skin. The Fostex lather is massaged into the skin for 5 minutes—then rinse and dry.

Write for samples

WESTWOOD Pharmaceuticals
Division of Foster-Milburn Co.
468 Dewitt Street • Buffalo 13, New York

In answering advertisements please mention PEDIATRICS

DOCTOR,
you and your
patients can
rely on
DEVILBISS

**the vaporizer that sets the standard
for quality - safety - performance**

Make it easy for patients to follow your instructions
and get effective results from steam inhalation
therapy . . . prescribe Devilbiss . . .
the trouble free vaporizer that steams
within minutes and operates all
night long without refilling . . .
and Devilbiss is the vaporizer
that provides the adequate
steam volume recommended
by leading physicians.

- **SAFE, U. L. approved**
- **Heating elements easily removable for cleaning or replacement**
- **Guaranteed by Devilbiss**

**NO. 145
ELECTRIC STEAM VAPORIZER**
Devilbiss Vaporizers retail at \$3.95,
\$6.95 and \$8.95.

DEVILBISS
SOMERSET, PA.

SINCE 1888 . . . THREE GENERATIONS OF PHYSICIANS
HAVE USED AND PRESCRIBED Devilbiss.

In answering advertisements please mention PEDIATRICS

now

Engran

Squibb Multiple Vitamin Drops

Baby Drops

for infants and children up to 4 years of age

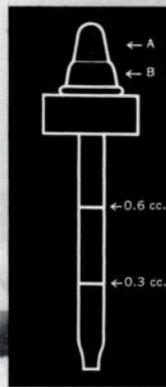
- pleasant-tasting *full* vitamin support
- in *half* the volume
- lasts *twice* as long

Engran Baby Drops Contain:

	<i>0.3 cc.</i>
Vitamin A	2500 units
Vitamin D	500 units
Thiamine	0.6 mg.
Riboflavin	1.0 mg.
Nicotinamide	6.0 mg.
Vitamin C	35.0 mg.
Pyridoxine HCl	1.0 mg.
d-Panthenol	2.5 mg.
Vitamin B ₁₂	3.0 mcg.

Supply: 15 cc. and 50 cc. bottles. Convenient 'Flexidose' dropper assures accurate dosage.

- Squeeze bulb at A for 0.3 cc.
- Squeeze bulb at B for 0.6 cc.



SQUIBB  Squibb Quality—the Priceless Ingredient

ENGRAN® AND "FLEXIDOSE" ARE SQUIBB TRADEMARKS

In answering advertisements please mention PEDIATRICS

For Ample Air Right Now!

in Asthma

and other Allergic States

Medihaler-EPI®

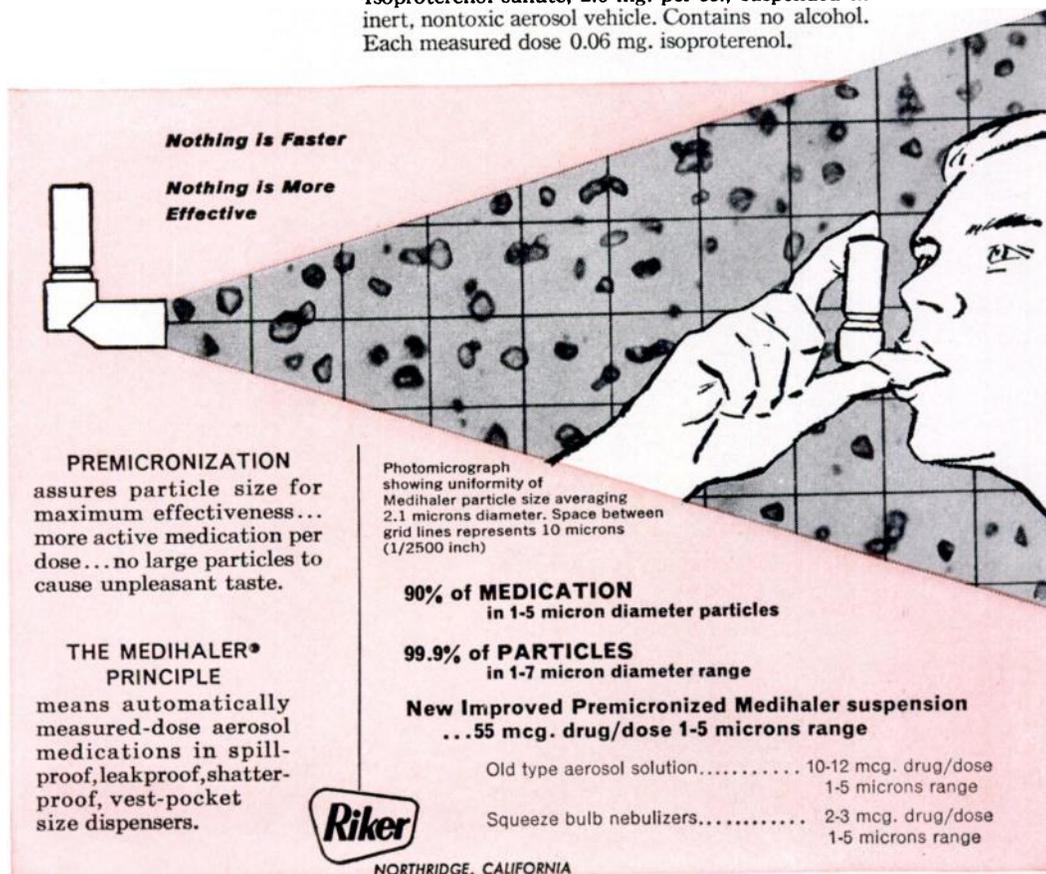
For quick relief of bronchospasm of any origin. More rapid than injected epinephrine in acute allergic attacks.

Epinephrine bitartrate, 7.0 mg. per cc., suspended in inert, nontoxic aerosol vehicle. Contains no alcohol. Each measured dose 0.15 mg. epinephrine.

Medihaler-ISO®

Unsurpassed for rapid relief of symptoms of asthma and emphysema.

Isoproterenol sulfate, 2.0 mg. per cc., suspended in inert, nontoxic aerosol vehicle. Contains no alcohol. Each measured dose 0.06 mg. isoproterenol.



Nothing is Faster
Nothing is More Effective

PREMICRONIZATION assures particle size for maximum effectiveness... more active medication per dose... no large particles to cause unpleasant taste.

THE MEDIHALER® PRINCIPLE means automatically measured-dose aerosol medications in spill-proof, leakproof, shatter-proof, vest-pocket size dispensers.

Photomicrograph showing uniformity of Medihaler particle size averaging 2.1 microns diameter. Space between grid lines represents 10 microns (1/2500 inch)

90% of MEDICATION in 1-5 micron diameter particles

99.9% of PARTICLES in 1-7 micron diameter range

New Improved Premicronized Medihaler suspension
...55 mcg. drug/dose 1-5 microns range

Old type aerosol solution.....	10-12 mcg. drug/dose
	1-5 microns range
Squeeze bulb nebulizers.....	2-3 mcg. drug/dose
	1-5 microns range

Riker

NORTHRIDGE, CALIFORNIA

In answering advertisements please mention PEDIATRICS



LACHRO





MYCIN V[®]

Tetracycline with Citric Acid **LEDERLE**



LEDERLE LABORATORIES
a Division of AMERICAN CYANAMID COMPANY
Pearl River, New York

new
Tao
PRONOUNCED TAY-O
(brand of triacetyloleandomycin with gluCO5Amine)
 Capsules / Oral Suspension

*designed
 for
 effective
 control of
 common
 gram-
 positive
 infections*



NEW YORK 17, N. Y.

Division, Chas. Pfizer & Co., Inc. **SCIENCE FOR THE WORLD'S WELL-BEING**

*TRADEMARK

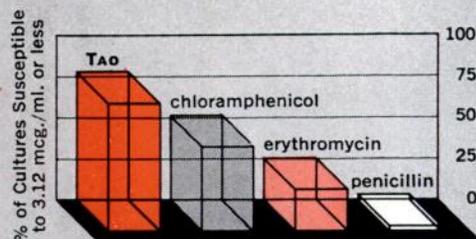
effective . . .

CLINICAL RESULTS	adults	children	all Staph infections
Cured	172 (80%)	148 (89%)	71 (88%)
Improved	28 (13%)	8 (5%)	7 (9%)
Failure	17 (7%)	11 (6%)	3 (3%)

Types of infecting organisms: The majority of identified etiologic microorganisms were *Staph. aureus* and *Staph. albus*. Tao has its greatest usefulness against organisms such as: staphylococci (including strains resistant to other antibiotics), streptococci (beta-hemolytic strains, alpha-hemolytic strains and enterococci), pneumococci, gonococci, *Hemophilus influenzae*.

even against resistant staph^{1,2} . . .

Per cent of "antibiotic-resistant" epidemic staphylococci cultures susceptible to Tao, erythromycin, penicillin and chloramphenicol.¹



well tolerated . . .

REACTIONS:

(a) adults	(b) children
Total—9.2% (20 out of 217)	Total—0.6% (1 out of 167)
Skin rash—1.4% (3 out of 217)	Skin rash—none
Gastrointestinal—7.8% (17 out of 217)	Gastrointestinal—0.6% (1 out of 167)

There was complete freedom from adverse reactions in 94.5% of all patients. Side effects in the other 5.5% were usually mild and seldom required discontinuance of therapy.

plus . . .

stability in gastric acid • rapid, high and sustained blood levels • high urinary concentrations • outstanding palatability in a liquid preparation

Dosage and Administration: Dosage varies according to the severity of the infection. For adults, the average dose is 250 mg. q.i.d.; to 500 mg. q.i.d. in more severe infections. For children 8 months to 8 years of age, a daily dose of approximately 30 mg./Kg. body weight in divided doses has been found effective. Since Tao is therapeutically stable in gastric acid, it may be administered at any time, without regard to meals.

Supplied: Tao Capsules—250 mg. and 125 mg.; bottles of 60. Tao for Oral Suspension—1.5 Gm.; 125 mg. per teaspoonful (5 cc.) when reconstituted; unusually palatable cherry flavor; 2 oz. bottle.

References: 1. English, A. R., and Fink, F. C.: *Antibiotics & Chemother.* (Aug.) 1958. 2. English, A. R., and McBride, T. J.: *Antibiotics & Chemother.* (Aug.) 1958. 3. Wennersten, J. R.: *Antibiotic Med. & Clin. Therapy* (Aug.) 1958. 4. Celmer, W. D., et al.: *Antibiotics Annual 1957-1958*, New York, Medical Encyclopedia, Inc., 1958, p. 476.

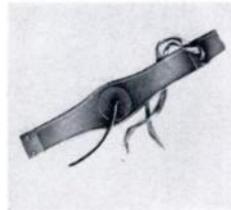
In answering advertisements please mention PEDIATRICS



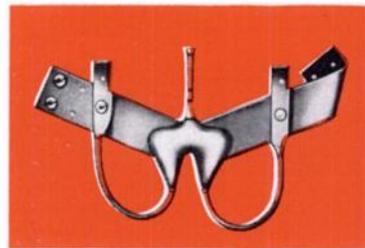
every patient
needs comfort...
infants, too!

Comfort is an important aid to healing... especially for infants when discomfort can't be described. Davol, manufacturers of hospital and surgical rubber goods for 84 years, devotes extra care and precision in the development of infant items such as trusses, ice packs and umbilical belts to fill the physician's requirements and lessen discomfort for infants.

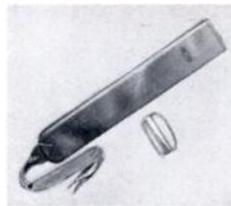
UMBILICAL BELTS, No. 876 (Small), No. 877 (Medium), No. 878 (Large). "Pure-gum" amber rubber with inflatable pad which provides sufficient pressure in umbilical area to maintain, in many instances, necessary reduction of umbilical hernia. Made to exacting specifications. Small: 10" to 12". Medium: 14" to 16" Large: 18" to 20".



DAVOL SINGLE and DOUBLE INFANT TRUSSES specially designed with inflatable "pads" to exert gentle, continuous pressure on hernia site. Made of "pure-gum" amber rubber. Both single and double trusses available in small, medium or large, from 10" to 22"; adjustable.



DAVOL CHILD'S THROAT ICE PACK, No. 379 — effective in post-operative treatment of tonsillectomies or other throat maladies where "cold application" is recommended. Made of amber latex rubber, 2" wide, 10" long. Can be held in place by tie-string at nape of neck.



RUBBER COMPANY
PROVIDENCE 2, R. I.

In answering advertisements please mention PEDIATRICS

250,000

*250,000,000 cans
produced with
every care
to merit use
with confidence*

250,000,000



This golden can represents the 250,000,000th can of Dextri-Maltose produced. It symbolizes our appreciation to the medical profession for their advancement of infant nutrition and care in the past half-century. And with it we rededicate ourselves to continuing provision of the products and services needed for physician-controlled infant feeding—both for “normal” babies and for those with special feeding problems.

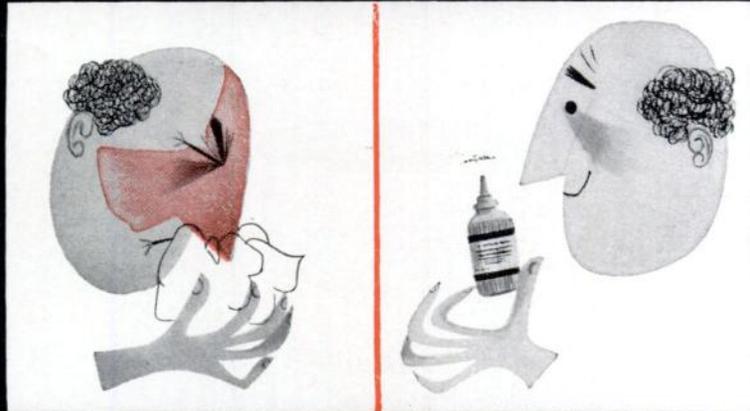
for your use in feeding “normal” babies...

Lactum® (Modified milk formula, Mead Johnson – liquid/“instant” powder). Made from whole milk and Dextri-Maltose. A “classic” modified milk formula, of the type used in feeding millions of babies. Dextri-Maltose® (Maltose-dextrins formula modifier, Mead Johnson – powder). “Professional” carbohydrate – designed specifically for use in infant formulas.



Mead Johnson
Symbol of service in medicine

RELIEVE NASAL CONGESTION SAFELY



WHATEVER THE CASE ■ WHATEVER THE CAUSE

RHINALGAN[®]

nasal spray

NOW BACTERICIDAL! ALSO EFFECTIVE AGAINST
ANTIBIOTIC RESISTANT STRAINS OF BACTERIA!

**NOT
"JUST
ANOTHER"
DECONGESTANT**

Tests prove, New Rhinalgan superior to
nasal decongestants with:

1. PRESERVATIVES
2. PRESERVATIVES AND ANTIBIOTICS
3. PRESERVATIVES AND QUATERNARY
AMMONIUM SALTS

Formula: Desoxyephedrine 0.22%, Antipyrine
0.28%, in an isotonic aqueous solution with
0.02% Laurylammonium Saccharinate, 0.1%
Pyrilamine Maleate, Flavored—0.001% Crystal
Violet in 2% DOHO Glycerol.

Substantiating data
upon request.

**Locally compatible with any antibiotics
used systemically.**

DOHO LEADERS IN E. N. T. PRODUCTS SINCE 1915
CHEMICAL CORP.
100 VARICK ST.
NEW YORK 13, N. Y.

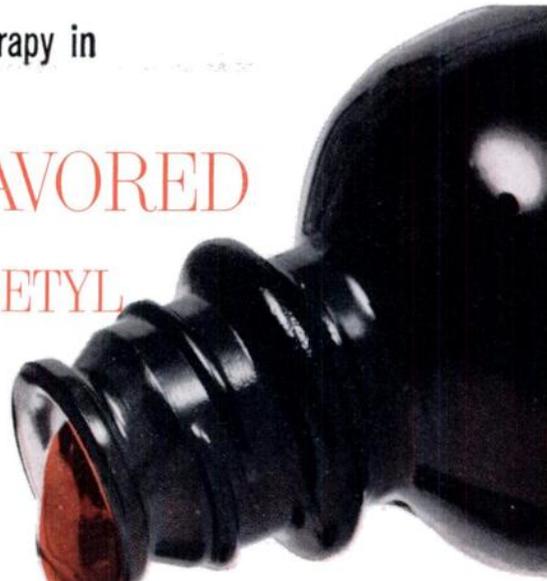
In answering advertisements please mention PEDIATRICS

modern once-a-day sulfa therapy in

NEW
CHERRY-FLAVORED
KYNEX*
ACETYL

N¹Acetyl Sulfamethoxy pyridazine Lederle

PEDIATRIC SUSPENSION...



In a wide range of infections caused by sulfa-sensitive organisms, delicious new KYNEX Suspension is fully effective. Therapeutic blood levels are rapidly reached and sustained on one easy-to-take dose a day.

Young patients with urinary tract infections, bacillary dysenteries and many other common disorders, respond readily, improve steadily and before long are back on their feet.

DOSAGE IN CHILDREN: Recommended first day dosage is 1 teaspoonful (250 mg.) for each 20 lb. body weight administered immediately after a meal. The dosage for each day thereafter is ½ teaspoonful (125 mg.) for each 20 lbs. administered once a day following a meal.

SUPPLIED: Bottles of 4 fl. oz. Each teaspoonful (5 cc.) of cherry-flavored suspension contains 250 mg. of sulfamethoxy pyridazine activity.

LEDERLE LABORATORIES, a Division of AMERICAN CYANAMID COMPANY, Pearl River, New York
Reg. U. S. Pat. Off.



In answering advertisements please mention PEDIATRICS



pamper

BABY'S SENSITIVE SKIN
with the
TENDER, LOVING CARE
of

DESITIN[®]
Medicinal and Nursery
POWDER

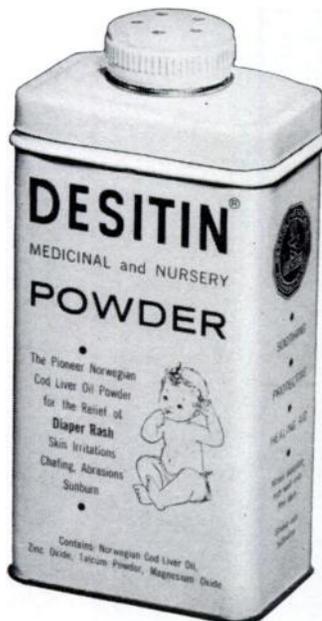
soothing, lubricating, protective
and *healing* in

DIAPER RASH

prickly heat rash
chafing, skin irritations

the original and *only* baby powder saturated with
Norwegian Cod Liver Oil (plus its vitamins A and D)
— so will not deprive the skin of its natural fats.

DESITIN POWDER works hand in hand with **DESITIN OINTMENT** to help keep baby's skin smooth, supple, free from diaper rash, excoriation and chafing. Why not recommend both **DESITIN POWDER** and **DESITIN OINTMENT**.

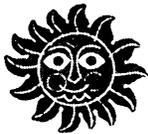


samples
on
request

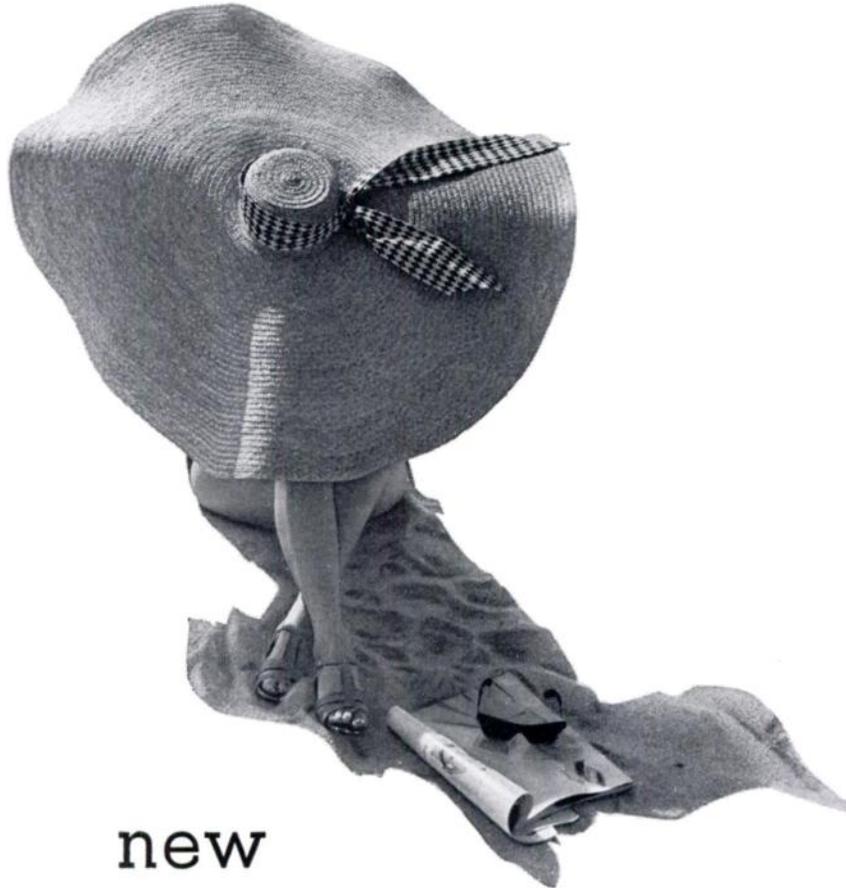


DESITIN CHEMICAL COMPANY
812 Branch Ave., Providence 4, R. I.

In answering advertisements please mention PEDIATRICS



does the specific job superbly well



new

POLARAMINE*
dextro-chlorpheniramine maleate
REPETABS®



daylong or nightlong relief

ASSURE UNEXCELLED ANTIHISTAMINIC PROTECTION

one REPETAB in the morning · one REPETAB in the evening

POLARAMINE REPETABS, 6 mg., bottles of 100 and 1000.

Tablets, 2 mg., bottles of 100 and 1000.

SCHERING CORPORATION · BLOOMFIELD, NEW JERSEY

*U.S. PAT. 2,728,728

Schering



"...effective iron preparation for intramuscular injection..."¹

Published reports¹⁻¹⁶ confirm the advantages of IMFERON when parenteral iron is preferable in iron deficiency anemias; pregnancy; infancy; resistant hypochromic anemias; geriatric patients; blood loss; patients with peptic ulcer, ulcerative colitis; intolerance to oral iron. Easy to administer, notably free from unpleasant or toxic effects, quickly absorbed and utilized, IMFERON produces prompt hematologic and clinical improvement.

PRECISION THERAPY...PROMPT RESPONSE

Imferon[®]

INTRAMUSCULAR IRON-DEXTRAN COMPLEX

SUPPLIED: 2-cc. and 5-cc. ampuls, boxes of 4. There are 50 mg. of elemental iron per cc. of IMFERON.

IMFERON[®] is distributed by Lakeside Laboratories, Inc., under license from Bengel Laboratories, Limited.

BIBLIOGRAPHY: (1) Hagedorn, A. B.: J.A.M.A. 164:1642 (Aug. 10) 1957. (2) Brown, E. B., and Moore, C. V., in Tocantins, L. M.: Progress in Hematology, New York, Grune & Stratton, Inc., 1956, vol. 1, p. 25. (3) Hagedorn, A. B.: M. Clin. North America, Philadelphia, W. B. Saunders Company (July) 1956, p. 983. (4) Grunberg, A., and Blair, J. L.: A.M.A. Arch. Int. Med. 96:731, 1955. (5) Baird, I. M., and Podmore, D. A.: Lancet 2:942 (Nov. 6) 1954. (6) Cappell, D. F.; Hutchison, H. E.; Hendry, E. B., and Conway, H.: Brit. M. J. 2:1255 (Nov. 27) 1954. (7) Millard, J. B., and Barber, H. S.: Ann. Rheumat. Dis. 15:51, 1956. (8) Cope, E.; Gillhespy, R. O., and Richardson, R. W.: Brit. M. J. 2:639 (Sept. 15) 1956. (9) Jennison, R. F., and Ellis, H. R.: Lancet 2:1245 (Dec. 18) 1954. (10) Scott, J. M., and Govan, A. D. T.: Brit. M. J. 2:1257 (Nov. 27) 1954. (11) Scott, J. M.: Brit. M. J. 2:635 (Sept. 15) 1956. (12) Gaisford, W., and Jennison, R. F.: Brit. M. J. 2:700 (Sept. 17) 1955. (13) Wallerstein, R. O., and Hoag, M. S.: Scientific Exhibit, Sixth Internat. Cong., Internat. Soc. Hemat., Boston, Mass., Aug. 27-Sept. 1, 1956. (14) Wallerstein, R. O.: J. Pediat. 49:173, 1956. (15) Sturgeon, F.: Pediatrics 18:267, 1956. (16) Wallerstein, R. O., and Hoag, M. S.: J.A.M.A. 164:962 (June 29) 1957.

22757



LAKESIDE

In answering advertisements please mention PEDIATRICS



NO
“MID-DAY
LET-DOWN”

with

POLARAMINE*
dextro-chlorpheniramine maleate

REPETABS®

daylong or nightlong relief

The allergic patient who starts the day with one 6 mg. POLARAMINE REPETAB enjoys continuous symptomatic relief all day. Nighttime—Another REPETAB keeps the patient symptom-free to enjoy uninterrupted sleep.

You and your allergic patients can depend on POLARAMINE REPETABS for unexcelled antihistaminic protection around the clock...at doses lower than other antihistamines.

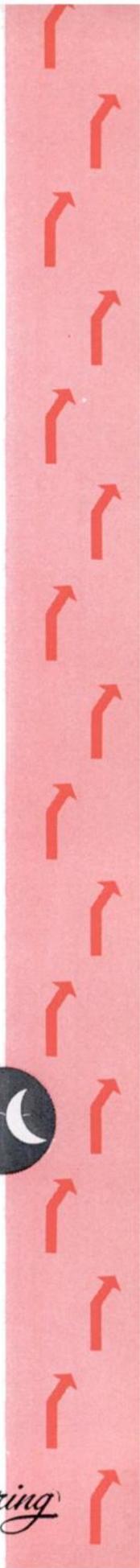


POLARAMINE REPETABS 6 mg., bottles of 100 and 1000.
Tablets, 2 mg., bottles of 100 and 1000.

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY

Schering

*T.M. PO-J-898



"MOTHER"
by A. Lewin-Funke

Courtesy of
The Metropolitan Museum of Art



C Classic therapy

for preventing and healing

diaper rash

excoriation, chafing, irritation

DESITIN[®]
OINTMENT

... enduring in its efficacy
... pleasing in its simplicity
... exemplifying pharmaceutical elegance



SAMPLES on request **DESITIN CHEMICAL COMPANY**

812 Branch Ave., Providence 4, R. I.

In answering advertisements please mention PEDIATRICS

xxx

for
safe
effective
convenient

...

ORAL THERAPY IN DIAPER RASH!

Yes, PEDAMETH is ORAL therapy for diaper rash. And if you are skeptical about it, ask any one of the pediatricians who have tested and proved it in their own practice and use it routinely.

Pedameth is effective . . . One series of 500 cases of diaper dermatitis¹ was treated with this form of therapy—with cure resulting in all but three infants. If the diaper rash is ammoniacal in origin, Pedameth is 99% effective! It's safe, too, because Pedameth contains only dl-methionine, one of the essential amino acids. When Pedameth is administered, the pH of the urine is lowered and an as-yet-unidentified bacteriostatic substance appears in the urine. Pedameth is convenient . . . the mother simply opens a capsule and adds the contents to the infant's daily formula, fruit juice or other food. That's all there is to it.

And Pedameth works . . . it's the safe, effective, convenient answer to the problem of diaper rash.

1. Goldstein, Louis S., *Clinical Medicine* 59:455 (1952).



Send for
samples and
literature

Each capsule contains
0.2 Gm of dl-methionine
specially prepared for easy use.

prescribe

PEDAMETH

dl-methionine "DURST"

S. F. DURST & COMPANY, INC., PHILADELPHIA 20, PA.

Canadian Distributor: Winley-Morris Co., Ltd., Montreal, Que.

In answering advertisements please mention PEDIATRICS

CONTROL THE EMOTIONAL COMPONENT OF ALLERGIES

*in many cases, the "psychogenic component... must be treated before clinical improvement can be expected."**

Miltown[®]

meprobamate (Wallace)

- relieves both mental and muscular tension
- ▶ *without affecting autonomic function*
- ▶ *without impairing mental or physical efficiency*

Of 83 cases with stubborn allergic disease, 32 patients *definitely improved* when Miltown was added to conventional therapy.*

*Eisenberg, B. C.: Role of tranquilizing drugs in allergy. J.A.M.A. 163:934, March 16, 1957.

 WALLACE LABORATORIES, New Brunswick, N. J.

In answering advertisements please mention PEDIATRICS



Conforms to code
for advertising

KINNEY PRESENTS

“THE SAFETY-PIN PRINCIPLE” *in pediatric medication*

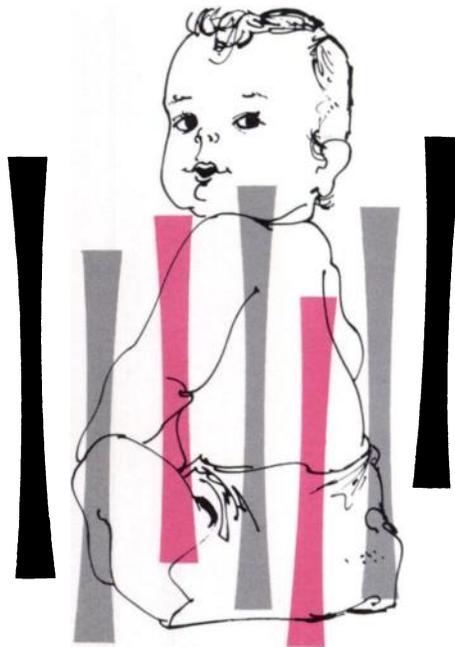
*Particularly in pediatrics, a combination of effectiveness and safety
is the true measure of therapeutic value.*



EMETROL
Phosphated Carbohydrate Solution
a physiologic antiemetic

CHEL-IRON
Trademark Brand of Iron Choline Citrate
PEDIATRIC DROPS
the new iron
under chelate control

ANMORID
OINTMENT
and ANMORID
Diaper Rinse



FOR FUNCTIONAL VOMITING... *a physiologic antiemetic*

EMETROL[®] Phosphorated Carbohydrate Solution

reported effective in 6 out of 7 cases of functional or “epidemic” vomiting, often associated with g.i. virus or intestinal “flu”¹

usually avoids the need for potentially hazardous antiemetic drugs

often effective with a single dose,¹⁻³ but may be given as often as needed without danger

specifically effective *only* when the cause of vomiting is functional — thus will not mask serious organic dysfunction requiring more than symptomatic treatment²

IMPORTANT: *Must be given undiluted.*



NEW ORAL IRON UNDER CHELATE CONTROL

CHEL-IRON Pediatric Drops Trademark Brand of Iron Choline Citrate

an effective hematinic with these additional advantages:

no g.i. irritation – because chelation obviates astringency and precipitation; can even be taken between meals on an empty stomach⁴

safest iron to have in the house – because chelation limits excessive iron uptake providing “a high factor of safety against fatal iron poisoning”⁴

will not stain teeth – because this chelated iron is nonionized
can be added to milk or formula – because chelated iron does not precipitate in the presence of protein or phosphate

Also available: CHEL-IRON Tablets for older patients



FOR COMMON SKIN IRRITATIONS ...*relief without likelihood of sensitization*

AMMORID[®] Ointment

a bland, soothing ointment containing benzethonium chloride and zinc oxide

promotes healing of excoriations – helps prevent secondary infection – soothes and softens skin

notably free from allergic sensitization and secondary irritation; avoids “rebound” dermatitis

no risk of “overtreatment reaction” sometimes characteristic of potent topical agents

and **AMMORID**[®] Diaper Rinse

useful for safe, continued prophylaxis of diaper rash – inhibits growth of *Bacillus ammoniagenes* – makes diapers soft and odor-free.

PEDIATRIC PRODUCTS OF KINNEY

KINNEY & COMPANY, INC. Columbus, Indiana



“the safety-pin principle”

CHARACTERISTIC OF *Kinney*[®] PEDIATRIC PRODUCTS

EMETROL[®]

Phosphated Carbohydrate Solution

Physiologic antiemetic. Clinically documented.¹⁻³ Contains no sedatives, barbiturates, tranquilizers, or antihistamines. Will not mask possible organic dysfunction.

Dosage: In epidemic vomiting, nausea due to drug therapy, postanesthetic nausea, and other types of functional vomiting – infants and children, 1 or 2 teaspoonfuls at 15-minute intervals until vomiting ceases; adults, 1 or 2 tablespoonfuls at 15-minute intervals until vomiting ceases. If first dose is rejected, resume dosage schedule in 5 minutes.

In “morning sickness”— 1 or 2 tablespoonfuls on arising, repeated every 3 hours or whenever nausea threatens.

Important: DO NOT DILUTE, or permit oral fluids for at least 15 minutes after dose. Dilution alters the stabilized pH necessary for optimal therapeutic effect.

Supplied: In bottles of 3 fl.oz. and 16 fl.oz., containing balanced amounts of levulose and dextrose in coating association with orthophosphoric acid, the entire preparation stabilized at an optimal pH. Pleasantly mint-flavored.

CHĒL-IRON[®] Pediatric Drops

Trademark

Brand of Iron Choline Citrate

New oral iron under chelate control. Answers the problem of iron toxicity – the “increasing number of near-fatal and fatal poisonings . . . reported after the accidental ingestion of iron by children.”⁴ Controls diffusion without reducing hematonic efficacy.

Each cc. contains 0.133 Gm. iron choline citrate complex,* equiv. 16 mg. elemental iron, 48 mg. choline base, in flavored nonalcoholic vehicle.

Dosage: Prophylactic – 0.5 cc. daily provides full M.D.R. for infants and children under six. Therapeutic – as directed by the physician.

Supplied: Bottles of 30 cc. with graduated dropper.

(Also available: **Chēl-Iron Tablets**—for adults and older children. Three tablets equiv. 120 mg. elemental iron, 360 mg. choline base. Bottles of 100 tablets.)

AMMORID[®] Ointment

Contains benzethonium chloride and zinc oxide in pleasantly scented lanolin absorption base, for demonstrated effectiveness with minimal irritation or sensitization.⁵

AMMORID Diaper Rinse often minimizes the need for actual “treatment.”

Administration: Wash skin thoroughly, *rinse off all soap*, and apply ointment gently to affected areas. May be used at each diaper change.

Supplied: Two-ounce tubes. *Also:* AMMORID[®] Diaper Rinse – for prophylaxis of diaper rash. Highly soluble powder containing methylbenzethonium chloride with special water softener. *Supplied:* bottles of 240 Gm. (sufficient for 360 diapers).

REFERENCES: 1. Bradley, J. E., et al.: J. Pediat. 38:41, 1951. 2. Tebrock, H. E., and Fisher, M. M.: M. Times 82:271, 1954. 3. Crunden, A. B., Jr., and Davis, W. A.: Am. J. Obst. & Gynec. 65:311, 1953. 4. Franklin, M., et al.: Chelate Iron Therapy, J.A.M.A. 166:1685, 1958. 5. Goodman, L. S., and Gilman, A.: The Pharmacological Basis of Therapeutics, ed. 2, New York, Macmillan, 1955, chap. 49.

KINNEY & COMPANY, INC. COLUMBUS, INDIANA



*easier
antipyretic—analgesic
relief*



*you help her recover more easily
when you prescribe*

Tempra

Acetaminophen, Mead Johnson

drops / syrup

Tempra is the first physician-controlled antipyretic—analgesic in two liquid dosage forms—wild-cherry-flavored Drops and mint-flavored Syrup. Both are readily accepted, well tolerated and easy for the mother to give, without forcing or fussing. Since Tempra is on Rx only, you have better control of medication and dosage... parents have added confidence.

For detailed brochure on Tempra—you are cordially invited to ask your Mead Johnson Representative or write us, Evansville 21, Indiana.



Mead Johnson
Symbol of service in medicine

TE439



"Just a Sandwich"

But Such Excellent
Nutrition



When mothers say, "We often have just sandwiches for a meal", physicians may well assure them that a sandwich made with Enriched Bread has nutritional advantages over many a knife-and-fork meal.

Enriched Bread

supplies growth-promoting protein, readily available energy, important B vitamins (thiamine, riboflavin, niacin, pantothenic acid, choline, folic acid), and essential minerals, especially iron and calcium. Enriched Bread is more than a compatible vehicle for other foods; it is an effective provider of essential basic nutrients.



AMERICAN BAKERS ASSOCIATION
20 North Wacker Drive • Chicago 6, Illinois

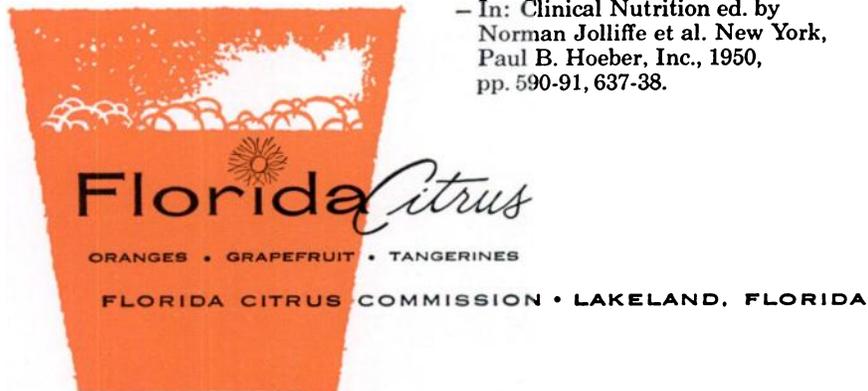
In answering advertisements please mention PEDIATRICS



in the season of
acute infections, extra
CITRUS
provides the increased
VITAMIN C
and fluid needed during
FEVER
to prevent deficiency and
help maintain resistance*

*Tisdall and Jolliffe note the systemic relation in animals between vitamin C and resistance to infection, with increased needs evident in upper respiratory streptococcal infections.

— In: Clinical Nutrition ed. by Norman Jolliffe et al. New York, Paul B. Hoeber, Inc., 1950, pp. 590-91, 637-38.



In answering advertisements please mention PEDIATRICS

stop penicillin reactions before
they become serious

NEUTRAPEN[®]

(NEUTRALizes PENicillin)

(Penicillinase Injectable,* SchenLabs)

the only specific for penicillin reactions

"... if every patient with a penicillin reaction were given penicillinase [NEUTRAPEN] within 24 to 48 hours... I do not think we would see the severe, prolonged reactions we are seeing now."

R. M. Becker, Antibiotics Annual 1957-58.¹

Unlike the antihistamines, ACTH or steroids which treat effects, NEUTRAPEN, an enzyme, aborts penicillin reactions by counteracting their cause—it destroys the penicillin itself and is effective in about 97 per cent of cases.² Over 80 per cent of patients obtain clearing of the reaction with one injection.³



Obscure sources—even cases with no history of penicillin therapy respond to NEUTRAPEN when the reaction has been caused by penicillin from such sources as milk, Roquefort or bleu cheese, or penicillin containing vaccines.³

NEUTRAPEN—800,000 units I.M.—should be given as soon as symptoms appear. May be repeated on the third day if response is not satisfactory. In anaphylactic reactions, after routine emergency measures—800,000 units intravenously, followed immediately by 800,000 units intramuscularly. **contraindications:** None. **side effects:** Occasionally transient local soreness, erythema, and edema; rarely, transitory chills and fever. **supplied:** 800,000-unit single-dose vials of lyophilized penicillinase powder. Stable at room temperature in the dry state.

references: (1) Becker, R. M., in Welch, H., and Marti-Ibañez, F.: Antibiotics Annual 1957-1958, New York, Medical Encyclopedia, Inc., 1958, p. 310. (2) Zimmerman, M. C.: Clin. Med. 5:305, 1958. (3) Zimmerman, M. C.: J.A.M.A. 167:1807, 1958.

© T. M. REG. U. S. PAT. OFF. * PATENTS PENDING.

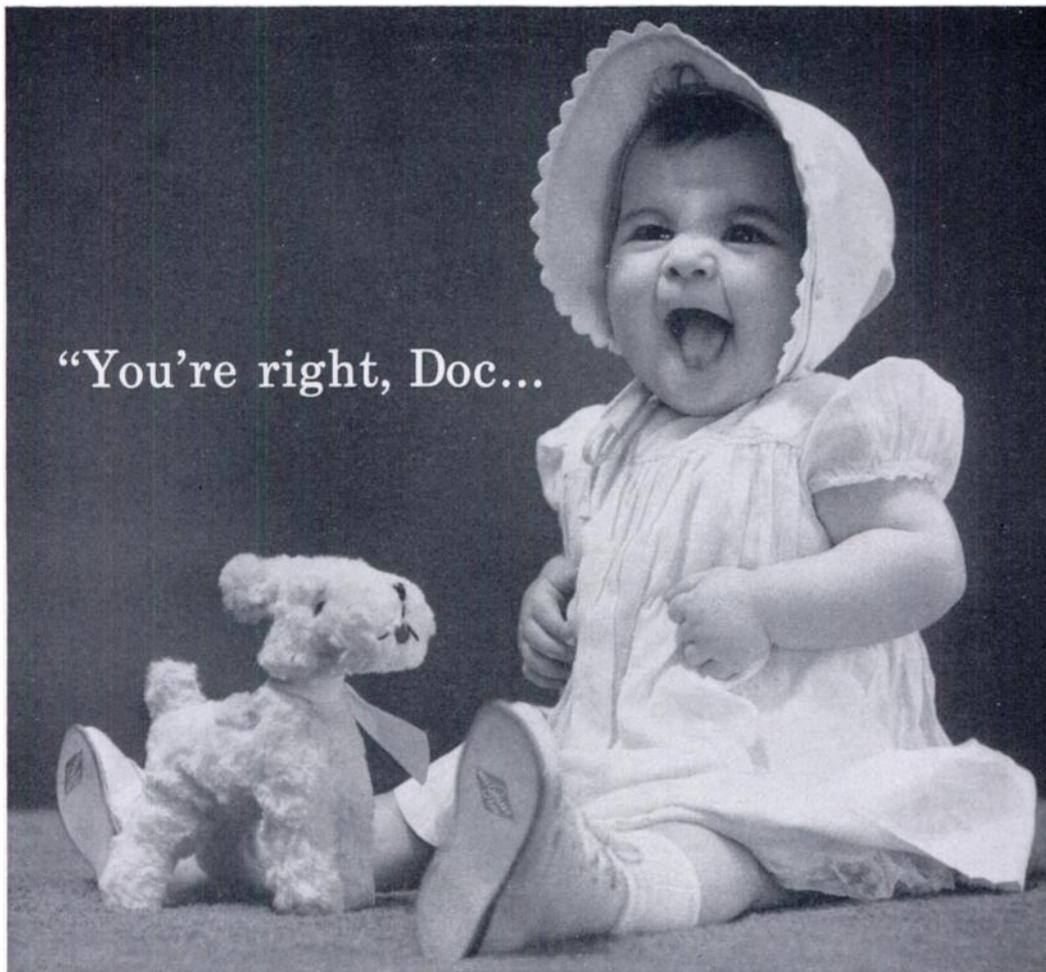
55658



SCHENLABS PHARMACEUTICALS, INC • NEW YORK 1, N. Y.

In answering advertisements please mention PEDIATRICS

xxxviii



“You’re right, Doc...

...but I *know* Wee Walker shoes *feel* best, and wear best, too!”

Wee Walkers are carefully made of washable, hand-soft leathers, yet they are priced much less than other fine shoes.

Wee Walkers are nationally advertised, recommended by leading pediatricians and have merited the Parents’ and Good

Housekeeping Guarantee Seals. Priced from \$1.29 to \$3.98.

Doctor, won’t you accept this invitation to examine Wee Walkers yourself? Just jot your name on a prescription blank and we’ll send you a complimentary pair.

AVAILABLE EVERYWHERE . . . COAST TO COAST

- | | | |
|----------------------|----------------------|---------------------------|
| W. T. Grant Co. | S. S. Kresge Stores | H. L. Green Co. |
| Montgomery Ward | J. J. Newberry Co. | F. S. Hanco Co. |
| C. R. Anthony Stores | Sprouse-Heitz Co. | Rose’s 5, 10, & 25th Sts. |
| Charles Stores | M. H. Fishman Stores | Schultz Bros. Co. |
| Cornet Stores Co. | Gamble Stores | Scott Stores |
| D. & C. Stores | Husted Stores | Sterling Stores Co. Inc. |
| Danner Bros. Co. | J. M. McDonald Co. | T. G. & Y. Stores |
| A. L. Duckwall Strs. | McLellan Stores | G. F. Wacker Stores |
| Duke & Ayres Stores | Morgan & Lindsey | Winn’s Stores Co. |



MORAN SHOE CO., CARLYLE, ILL.

In answering advertisements please mention PEDIATRICS

*the shoe
that
understands
children*

THE STRIDE RITE STRAIGHT LAST SHOE...

for use in cases where normal lasts are not sufficient . . . sturdily constructed to provide a sound base for any further measures you may wish to add.



THE STRIDE RITE SHOE WITH EXTRA SUPPORT...

Available in these three basic groups . . . to serve the specific recommendations of the medical profession.

featuring long inside right and left counters, shaped anatomic heels with $\frac{1}{8}$ " wedges on inner borders and heavy steel shanks where needed. Here again, further measures may be added.



AND OF COURSE, THE REGULAR STRIDE RITE LINE...

famous for fit, quality and the outstanding skill with which it is made.



THE STRIDE RITE
SHOE
Green Shoe Mfg. Co.,
Boston, Mass.

safe, effective, pediatric decongestant
preferred dosage strength—0.25%
new, convenient 2-way dispenser
assures greater patient acceptance



all the advantages of time-tested phenylephrine HCl—preferred pediatric dosage strength—0.25%

helps restore physiologic nasal pH and tonicity—notably free from undesirable side effects

exclusive 2-way dispenser permits both drop and spray dosage

Supplied: 13¼ cc. plastic spray bottle with plastic calibrated dropper

Johnson & Johnson

problem child?

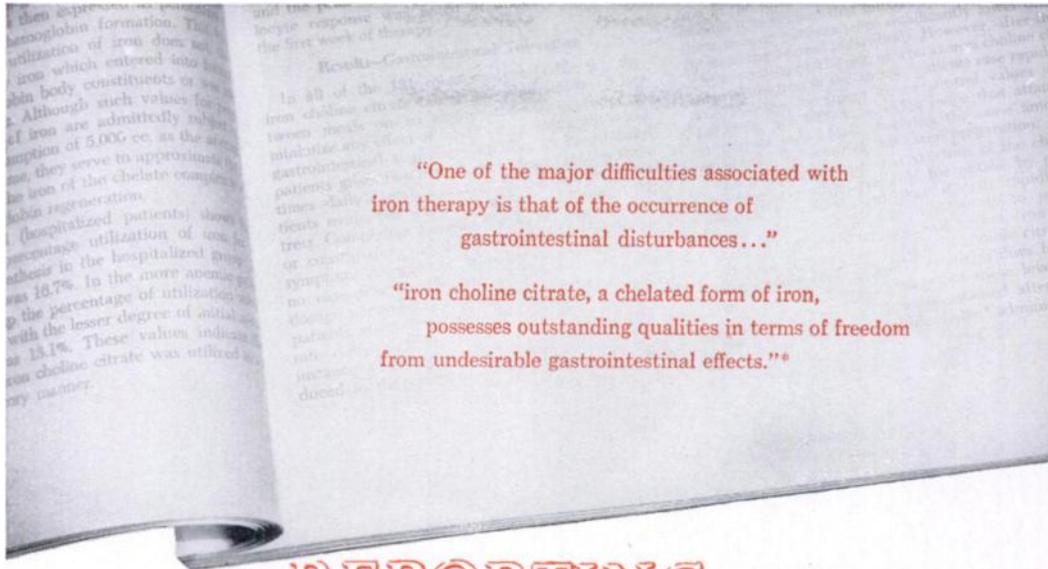


Because irritability, excessive anger and failure to communicate adequately are often the first indications of emotional disorder in children, they are as important to treat as the more overt symptoms of physical disease. Serpasil provides a mild and selective shield against stress in the over-reactive, fearful, rebellious child. It

Serpasil[®] frees him from tensions, helps him to eat and sleep better, makes him more amenable to parental guidance.

2/2072MK (reserpine CIBA) **C I B A**
SUMMIT, N. J.

In answering advertisements please mention PEDIATRICS



REPORTING...

new freedom from g.i. distress
in oral iron therapy—through
the chemistry of chelation

chelate
iron
therapy*
with

FERROLIP[®] Pediatric Drops

(Iron Choline Citrate)

the new chemohematinic for oral iron therapy...
notably effective... exceptionally well tolerated...
unusually safe even on accidental overdosage

PEDIATRIC DROPS—Each cc. FERROLIP Pediatric Drops provides 16 mg. elemental iron, 48 mg. choline base. In 30-cc. unbreakable plastic squeeze bottles.

TABLETS—3 FERROLIP Tablets supply 1.0 Gm. iron choline citrate,† equiv. 120 mg. elemental iron, 360 mg. choline base. Bottles of 100, 1000.

SYRUP—1 fl.oz. FERROLIP Syrup provides 120 mg. elemental iron, equiv. 3 tablets. Pints, gallons.

also available

FERROLIP *ob* during pregnancy—Bottles of 60, 100, 1000 tablets.

FERROLIP *plus* for macrocytic and microcytic anemias

Bottles of 100, 1000 capsules. Also FERROLIP *plus* Liquid, in 8-fl.oz., pint, and gallon bottles.

Flint EATON & COMPANY
Decatur, Illinois

*Franklin, M., et al.: Chelate Iron Therapy, J.A.M.A. 166:1685, Apr. 5, 1958.
†U.S. Pat. 2,575,611

In answering advertisements please mention PEDIATRICS

Fastest gun...



when his nose
don't run!



Little cold sufferers
will get **GREATER RELIEF**
with

Novahistine[®] Elixir

Novahistine Elixir combines the action of a quick-acting sympathomimetic with an antihistaminic drug for a greater decongestive effect.

Each 5 cc. teaspoonful contains:
Phenylephrine hydrochloride 5.0 mg.
Propenpyridamine maleate 12.5 mg.
Chloroform (approx.) 13.5 mg.
l-Menthol 1.0 mg.
(Alcohol, 5%)

Dosage: Children—1 teaspoonful, three or four times daily. Infants under 1 year— $\frac{1}{4}$ to $\frac{1}{2}$ teaspoonful, three or four times a day.

Supplied in 4 oz., pint and gallon bottles.

PITMAN-MOORE COMPANY
DIVISION OF ALLIED LABORATORIES, INC.
INDIANAPOLIS 6, INDIANA

and...in *colds*
 complicated by
 useless, exhausting
coughs



Novahistine-DH*

(fortified Novahistine with dihydrocodeinone)

When "head colds" become "chest colds" Novahistine-DH promptly controls coughs and keeps air passages of both head and chest clear of obstruction.

Each teaspoonful (5 cc.) of grape-flavored Novahistine-DH contains:

Phenylephrine hydrochloride	10 mg.
Propenpyridamine maleate	12.5 mg.
Dihydrocodeinone bitartrate	1.66 mg.
Chloroform (approx.)	13.5 mg.
l-Menthol	1.0 mg.

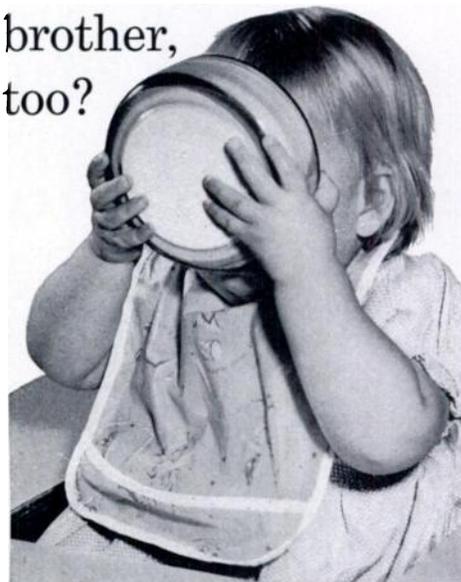
Supplied in pint and gallon bottles.

*trademark



PITMAN-MOORE COMPANY
 DIVISION OF ALLIED LABORATORIES, INC.
 INDIANAPOLIS 6, INDIANA

Can you suggest
 Wheatena for
 her younger
 brother,
 too?



Only you can decide when an infant in your care is ready for Wheatena. But we are particularly proud that today many infants as young as three months are already thriving on this all-wheat cereal—as *digestible* as it is *delicious*!

So when you tell a busy mother her infant can start on Wheatena, you can be sure she will be serving one of the most nourishing of all hot cereals. For Wheatena contains the food elements of the kernel of wheat...bran, farina and wheat germ ...*toasted* to a distinctive, appetizing nut-like taste. Write for sample packages for your patients today.



Wheatena

Made from all the wheat—
 and toasted so it's fun to eat!

THE WHEATENA CORPORATION, WHEATENAVILLE, RAHWAY, N. J.

In answering advertisements please mention PEDIATRICS

In urinary-tract infections

HIGH TISSUE LEVELS

HIGH BLOOD LEVELS

LOW TOXICITY

**International Code flags spelling SULFOSE.*

SUSPENSION TABLETS
SULFOSE®

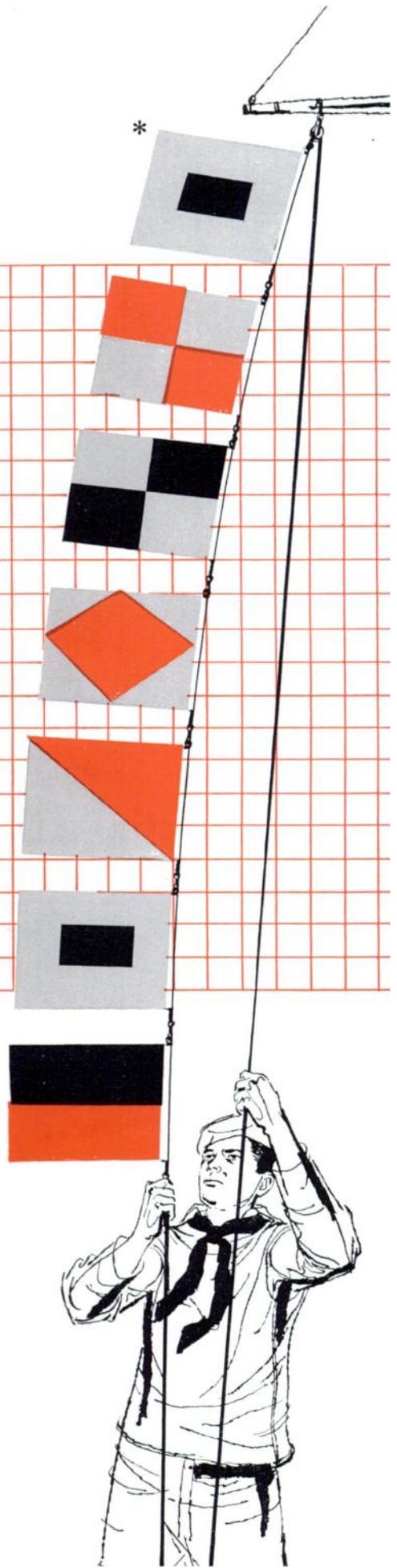
Triple Sulfonamides, Wyeth
(Trisulfapyrimidines: Sulfadiazine,
Sulfamerazine, Sulfamethazine)



This advertisement conforms to the Code for Advertising of the Physicians' Council for Information on Child Health.



Philadelphia 1, Pa.



topical antipruritic potency without greasy stains

FLORINEF-S

SQUIBB FLUDROCORTISONE ACETATE WITH SPECTROGIN (NEOMYCIN - GRAMICIDIN)

Cream

now, the same efficacy of Florinef-S in a smooth, white vanishing cream

- prompt antipruritic and anti-inflammatory action
- potent antibiotic action against bacterial invaders
- especially well-tolerated and non-irritating; no stain, no grease
- economical; very small amounts are highly effective



Clayman¹ recently treated 60 patients with various inflammatory dermatoses with Florinef-S. All of the 36 patients with contact dermatitis, and 23 of the 24 patients with other inflammatory dermatoses showed marked to satisfactory improvement, especially of the pruritus. The author stated that Florinef-S was "among the most effective medications available for the treatment of contact dermatitis and other inflammatory dermatoses..."

Dosage: Apply Florinef-S Cream lightly and sparingly over the affected areas 2 to 4 times daily.

Supplied: 5-Gm. tubes. Each Gm. of Florinef-S Cream provides 1.0 mg. (0.1%) fludrocortisone acetate, 2.5 mg. neomycin as the sulfate, and 0.25 mg. gramicidin.

Other members of the Florinef-S family: Florinef-S Lotion; Florinef-S Ointment; Florinef-S Ophthalmic Suspension; Florinef-S Ophthalmic Ointment.

Also available: Florinef Lotion and Florinef Ointment.

1. Clayman, S. J.: *J. Med. Soc. N. J.* 55:168 (April) 1958.

SQUIBB  Squibb Quality — the Priceless Ingredient

*Florinef-S and Spectrogin-S are Squibb trademarks.

In bronchial asthma therapy—

prompt effect,

lasting relief



SUS-PHRINE

AQUEOUS EPINEPHRINE SUSPENSION 1:200
for subcutaneous injection

... because of the slow absorption of the portion in suspension and rapid absorption of the portion in solution, numerous clinical reports emphasize these advantages of Sus-Phrine in the treatment of bronchial asthma:

- is as prompt as the subcutaneous aqueous solution^{1,2}
- is more prolonged than the intramuscular oil suspension^{2,3}
- is a simple subcutaneous injection^{3,4}
- may be easily self-administered by the patient^{2,3}
- well-tolerated by children^{1,3,4}

Supplied in 5 cc. vials and packages of 12,
0.5 cc. ampuls.
Reprints listed below and sample on request.

Brewer
Est. 1852

Brewer & Company, Inc., Worcester 8, Massachusetts, U.S.A.

1. Levin, S.: J. Ped. Clin. of N.A., 1:975 (1954).
2. Naterman, H. L.: J. of Allergy, 24:60 (1953).
3. Unger, A. H., and Unger, L.: Ann. of Allergy, 10:128 (1952).
4. Jenkins, C. M.: J. Nat. Med. Assn., 45:120 (1955).

In answering advertisements please mention PEDIATRICS



Peter Piper picks delicious, apple-flavored

ABDEC® DROPS

comprehensive multivitamin formula

NOW WITH VITAMIN B₁₂

improved formula for better-than-ever nutritional support

Each 0.6 cc. of ABDEC DROPS now supplies:

Vitamin A5,000 units
 Vitamin D1,000 units
 Vitamin C (ascorbic acid)50 mg.
 Vitamin B₁ (thiamine hydrochloride)1 mg.
 Vitamin B₂ (G) (riboflavin)1.2 mg.
 Vitamin B₆ (pyridoxine hydrochloride)1 mg.
 Pantothenic acid (as the sodium salt)5 mg.
 Nicotinamide10 mg.
 Vitamin B₁₂2 mcg.

In bottles of 15 and 50 cc. with calibrated plastic droppers.

Vitamin B₁₂ added

Nicotinamide doubled

Pantothenic acid more than doubled

Riboflavin tripled

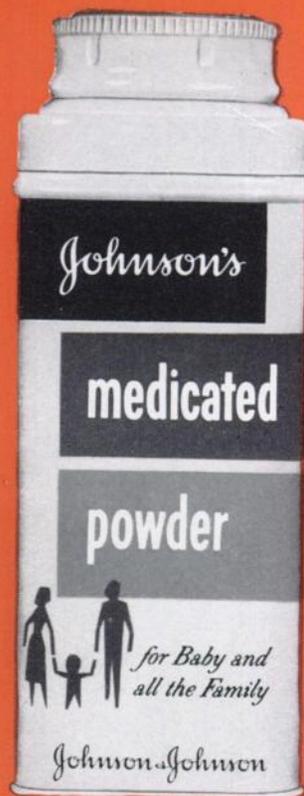
- stable—needs no refrigeration
- hypoallergenic
- easy to give in foods or fluids or directly on the tongue



PARKE, DAVIS & COMPANY • DETROIT 32, MICHIGAN

.....

NOW... FOR PATIENTS OF ALL AGES



prevents and relieves skin discomforts — aids healing
superior antibacterial action*



Top: Patient R. R.—Severe "diaper rash" with secondary infection at start of treatment, 12/26/56.

Bottom: Eight days after treatment with JOHNSON'S MEDICATED POWDER, 1/3/57. Almost complete clearing of initial rash and of secondary infection.

clinically effective: routine use reduces substantially the incidence of common rashes of infants and young children. Particularly effective in both preventing and modifying the course of "diaper rash" of various etiologies.

twofold antibacterial action: the combination of hexachlorophene and para-chloro-meta-xylenol provides potent antibacterial effect—curbs primary infections, helps prevent secondary infections.

twofold anti-ammonia action: specific inhibition of urease plus antibacterial action against urease-producing bacteria check ammonia formation—prevent diaper rash and ammoniacal dermatitis.

twofold absorbent action: two moisture absorbents combat maceration, chafing, irritation—keep skin cool and dry.

JOHNSON'S MEDICATED POWDER provides unexcelled dry lubrication. Ideal for sensitive skin—completely safe for babies and children.

For free sample, write Johnson & Johnson, New Brunswick, N. J.

*CONTAINS HEXACHLOROPHENE 0.25 PER CENT
AND PARA-CHLORO-META-XYLENOL 0.25 PER CENT

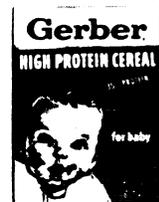
Johnson & Johnson
New Brunswick, New Jersey

©1958



High Note in Infant Nutrition

Gerber High Protein Cereal offers extra nutritive value through its *high* protein content. It's 35% protein – derived from a well-balanced blend of oats, wheat, soya and yeast. Like all Gerber Baby Cereals, it's enriched with iron, calcium and B-vitamins – is pre-cooked and ready to serve with milk or formula. Unusual, nut-like flavor is well accepted by both babies and toddlers.



Gerber High Protein Cereal

In answering advertisements please mention PEDIATRICS

**In
Post-Tonsillectomy
care**

"Post-operative pain...was
decidedly decreased..."¹

"...the incidence of bleeding
was nil..."²

"The tonsillar fossae...were
uniformly cleaner..."¹



Intermittent exercise of the pharyngeal muscles associated with the chewing of ORABIOTIC relieves postoperative discomfort, lessens difficulty in swallowing and stimulates increased salivary flow—thus keeping the oropharyngeal area moist and clean.

Patients receiving ORABIOTIC routinely after tonsillectomy were more comfortable and returned to a normal diet "within 3 to 5 days"³ instead of the usual week to 10 days.

Orabiotic[®] } *Antibiotic*
Analgesic
CHEWING TROCHES

"A bacteriostatic bath" for the oropharynx

Each ORABIOTIC chewing gum troche contains:

Neomycin (from sulfate) 3.5 mg.
Gramicidin 0.25 mg.
Propesin (propyl p-aminobenzoate) 2.0 mg.

Dosage: One troche q.i.d. chewed for 10-15 minutes from the first through the fifth day after tonsillectomy. In other conditions, one troche q.i.d.

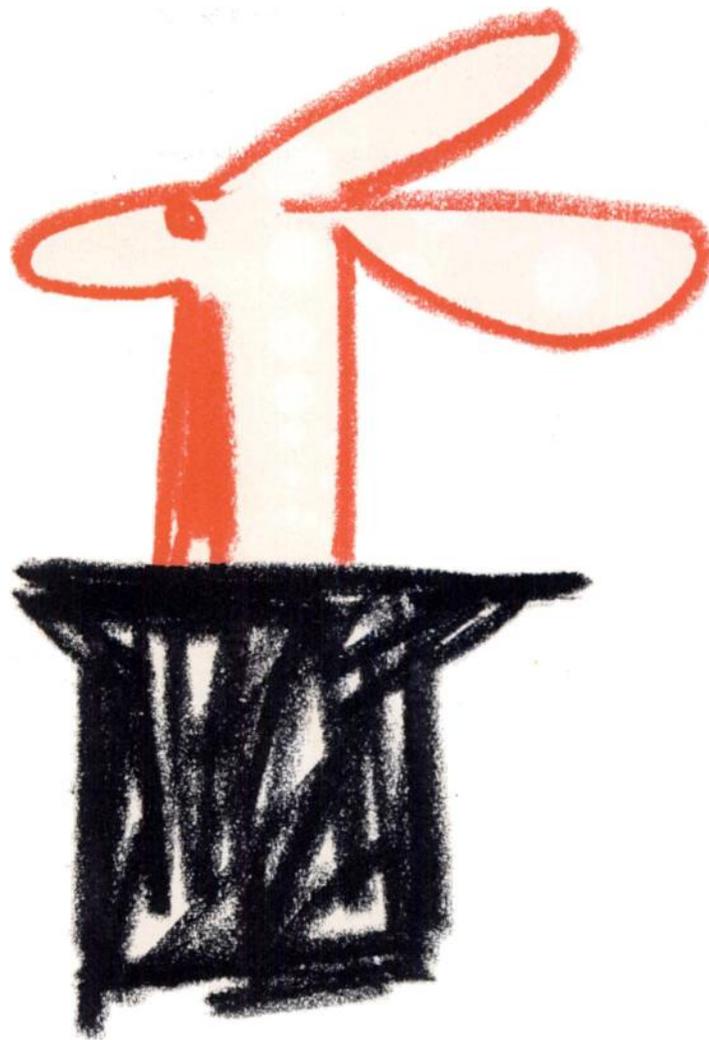
Supplied: In packages of 10 and 20.



WHITE LABORATORIES, INC.
KENILWORTH, NEW JERSEY

References: 1. Rittenhouse, E. A.: Prevention of Secondary Hemorrhage in Tonsillectomy, E.E.N.T. Mo. 36:406 (July) 1957. 2. Fox, S. L.: Tonsillectomy and Adenoidectomy in Review, Clin. Med. 4:699 (June) 1957. 3. Granberry, C., and Beatrous, W. P.: Effect of a New Chewing Troche on Post-Tonsillectomy Morbidity, E.E.N.T. Mo. 36:294 (May) 1957.

In answering advertisements please mention PEDIATRICS



cold relief appears like magic with
CORICIDIN[®] MEDILETS[®]
(no caffeine)

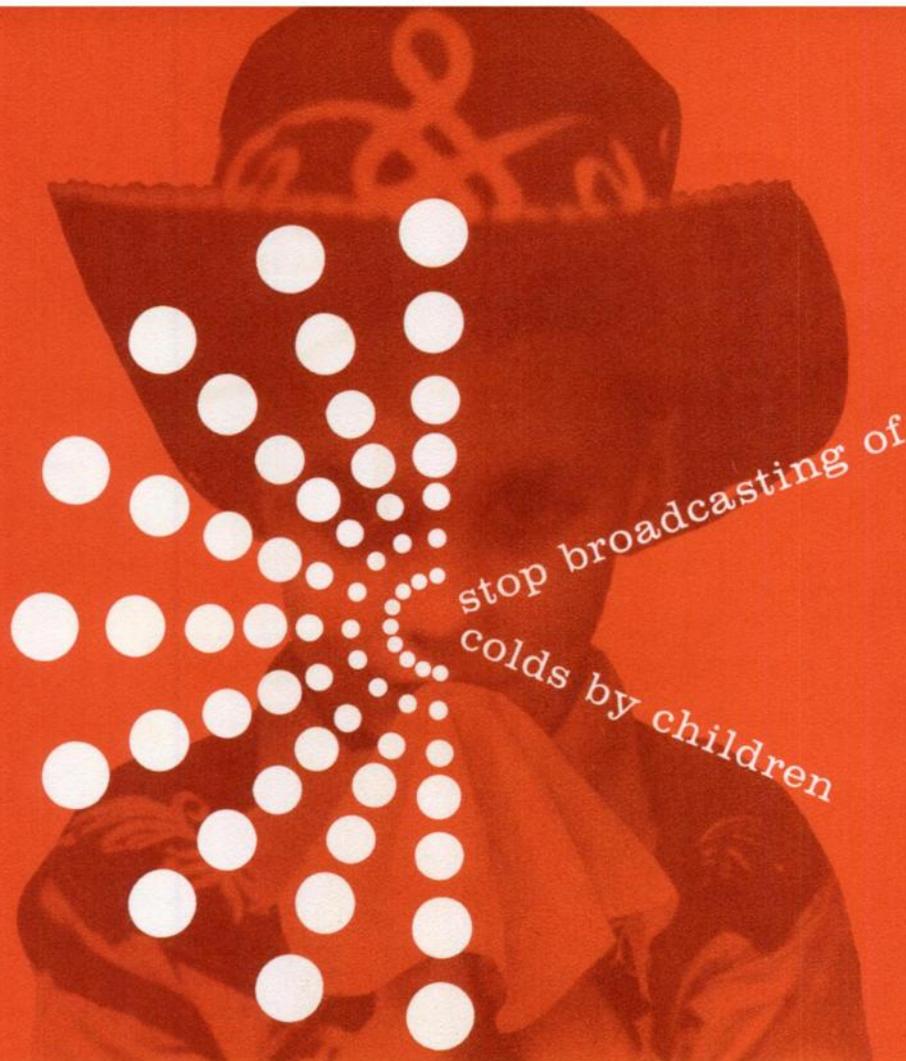


Rainbow-hued tablets designed specifically for children and their colds, CORICIDIN MEDILETS provide very real relief from the sniffles, sneezes and fever so common among kindergarten and grade-school youngsters.

Each CORICIDIN MEDILET contains
CHLOR-TRIMETON[®] Maleate
(chlorprophenpyridamine maleate) 0.75 mg.
Aspirin0.08 Gm.
Phenacetin0.016 Gm.

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY

Schering



stop broadcasting of
colds by children

CORICIDIN[®] SYRUP

monitors cough · controls colds

When children cough, eliminate useless hacking; help the cough work for them and at the same time help stop spread of colds. With CORICIDIN Syrup they'll soon feel better, too. Its antihistaminic action effectively relieves congestion and other allergic nasal symptoms; its analgesic-antipyretic action controls aches, pains, fever.



Each teaspoonful (5 cc.) of palatable
CORICIDIN Syrup[®] contains

Dihydrocodeinone bitartrate	1.67 mg.
CHLOR-TRIMETON [®] Maleate (chlorpropenpyridamine maleate)	2 mg.
Sodium salicylate	0.225 Gm.
Sodium citrate	0.12 Gm.
Caffeine	30 mg.
Glyceryl guaiacolate	0.03 Gm.

[®]Exempt narcotic

Schering

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY

CN-J-128

when *sniffles*
hit the
classroom

**AND
NASAL CONGESTION
MAKES YOUNGSTERS
MISERABLE**



*Designed
specifically
for children**

**Prompt and
Prolonged Decongestion
Sinus Drainage and Aeration**

NO STING • NO SEDATION • NO EXCITATION

*Plastic Unbreakable Squeeze Bottle
Leakproof, Delivers a Fine Mist*

**Also well suited for adults who prefer a mild spray.*

Winthrop

LABORATORIES • NEW YORK 18, N. Y. • WINDSOR, ONT.

Neo-Synephrine (brand of phenylephrine) and Zephiran (brand of benzalkonium, as chloride, refined), trademarks reg. U.S. Pat. Off.

In answering advertisements please mention PEDIATRICS



**all cold symptoms
with palatable liquid medication**

STOP nasal congestion

with **Triaminic[®] Syrup** *fruit-flavored, non-alcoholic*

Each 5 ml. teaspoonful (equivalent to 1/4 Triaminic Tablet) provides:
Phenylpropanolamine HCl.....12.5 mg.
Pheniramine maleate 6.25 mg.
Pyrilamine maleate 6.25 mg.

Dosage: Adults—2 tsp. q. 3-4 h.;
Children 6 to 12—1 tsp. t.i.d.;
Children under 6—in proportion.

STOP nasal congestion—control coughs

with **Triaminicol Syrup** *fruit-flavored, non-alcoholic*

Each 5 ml. teaspoonful provides:
Triaminic 25 mg.
Dormethan (brand of dextro-
methorphan HBr)15 mg.
Ammonium chloride90 mg.

Dosage: Adults—2 tsp. 3 or 4 times daily;
Children 6 to 12—1 tsp. 3 or 4 times daily;
Children under 6—in proportion.

SO all common cold symptoms

with **New Tussagesic Syrup** *fruit-flavored, non-narcotic*

Each 5 ml. teaspoonful provides:
Triaminic 25 mg.
Dormethan 15 mg.
Terpin hydrate 90 mg.
APAP (N-acetyl-para-
aminophenol)120 mg.

Dosage: Adults—1-2 teaspoonfuls
every 3 to 4 hours. Children 6-12 years
—1 teaspoonful every 3 to 4 hours.
Under 6 years—in proportion.

STOP nasal congestion and control infection

with **Trisulfaminic Suspension** *Triaminic with triple sulfas*

Each 5 ml. teaspoonful provides:
Triaminic25 mg.
Trisulfapyrimidines U.S.P..... 0.5 Gm.

Dosage: Adults — initially, 2-4 tsp.,
then 2 tsp. q. 4-6 h. until patient is
afebrile for 3 days; Children 8 to 12—
initially, 2 tsp., then 1 q. 6 h.; Younger
children—in proportion.

SMITH-DORSEY • a division of The Wander Company • Lincoln, Nebraska • Peterborough, Canada

In answering advertisements please mention PEDIATRICS

in children, one dose of
THORAZINE* SYRUP often stops
severe functional vomiting



... and thus
facilitates rehydration,
often making
parenteral fluids
unnecessary



Each 5 cc. (1 teaspoonful) of
'Thorazine' Syrup contains
10 mg. of chlorpromazine
hydrochloride, S.K.F. Available
in 4 fl. oz. bottles.

Also available:

Ampuls, multiple dose vials,
Spansule† capsules, tablets and
suppositories.

*Smith Kline & French
Laboratories, Philadelphia*

*T.M. Reg. U.S. Pat. Off. for chlorpromazine, S.K.F.
†T.M. Reg. U.S. Pat. Off. for
sustained release capsules, S.K.F.

In answering advertisements please mention PEDIATRICS



KEEPS LITTLE HEADS



A major advance in therapy
for children—
especially **under six**

Rynatan[®]

SUSPENSION (Pediatric)

IN SINUSITIS • RHINITIS • CORYZA

All day... All night relief with a single **oral** dose

WITHOUT the G-I disturbances, drowsiness, dizziness,
or dry mouth typical of antihistamine therapy

- * **Keeps heads clear 10-12 hours**
- * **Stops the cycle of post-nasal drip**
- * **Provides controlled, even absorption**
- * **Permits easily adjusted dosage**
- * **Pleasant tasting**

CRYSTAL CLEAR

TWO CONVENIENT DOSE FORMS—BOTH DURABONDED*

SUSPENSION—each 5 cc. contains:

Phenylephrine Tannate..... 5.0 mg.
Propenpyridamine Tannate..... 12.5 mg.
Pyrilamine Tannate..... 12.5 mg.

DOSAGE EACH 12 HOURS:

SUSPENSION: Children: 6 mo.-1 yr. ½ tsp.;
2-4 yrs. ½ tsp.; 5-6 yrs. 1 tsp.; 8-11 yrs. 2 tsp.;
12 yrs. and older 2-3 tsp.

TABULES: Children: 6 yrs. ½ tabule;
8-11 yrs. ½-1 tabule; 12 yrs. and older 1-2 tabules.

Write for Literature & Samples



TABULES—each contains:

Phenylephrine Tannate..... 25.0 mg.
Propenpyridamine Tannate..... 37.5 mg.
Pyrilamine Tannate..... 37.5 mg.

SUPPLY:

Suspension: Bottles of 70 cc. and one pint.
Tabules: Bottles of 30 and 500.

*Durabond Process—Neisler Exclusive, Patent Pending



IRWIN, NEISLER & CO. DECATUR, ILLINOIS

Sustained tranquilizing action



sustained release

Meprospan*

meprobamate (Miltown®) capsules

effectively relieve nervous tension and anxiety without interruption, **day and night**. Two capsules on arising last **all day**, two capsules at bedtime last **all night**. *Exceptionally well tolerated... extremely convenient.*

Dosage: 1 Meprospan capsule q. 12 h.
Supplied: 200 mg. capsules, bottles of 30.

Literature and samples on request

 **WALLACE LABORATORIES**, New Brunswick, N. J.
who discovered and introduced Miltown®

CHE-7836 TRADE-MARK



q. 12 h.

Reference: Baird, H. W., III:
A comparison of Meprospan
(sustained action meprobamate
capsule) with other
tranquilizing and relaxing
agents in children.
Submitted for publication, 1958.

In answering advertisements please mention PEDIATRICS

lviii

multivitamins in unique

SOFTAB^{*} *form*

Mulvidren

pat. pending

can be taken anytime,
anywhere without water

Mulvidren

MULTIVITAMINS IN SOFTAB FORM

ONE TABLET CONTAINS:

A	5000 USP Units
D	1000 USP Units
C	60 mg.
B ₁	2 mg.
B ₂	2 mg.
B ₆	1 mg.
B ₁₂	5 mcg.
Calcium Pantothenate	3 mg.
Niacinamide	10 mg.

DOSE: 1 TABLET DAILY

SUPPLIED: BOTTLES OF 50 AND 100 TABLETS



pleasant tasting
easy to take
melts in the mouth
no water needed

Children like
Mulvidren

Mothers like
Mulvidren

Sick People like
Mulvidren

Geriatrics like
Mulvidren

Doctors like
Mulvidren

Everybody likes
Mulvidren

Please write for physician's tasting samples.

*Trade Mark

Stuart

PASADENA, CALIFORNIA

**“80% of epileptics...
can, with appropriate care
and encouragement, lead
a normal life”***



* Lord Cohen of Birkenhead: *British M.J.* 1:672, 1958.

for appropriate medical management of epilepsy

the Parke-Davis family of anticonvulsants

...an anti-epileptic for every clinical need

- complete control of seizures in many patients
- reduced incidence and severity of seizures in many others

for grand mal and psychomotor seizures

Dilantin®
Phelantin®

Sodium (diphenylhydantoin sodium, Parke-Davis) is supplied in many forms —including Kapseals® of 0.03 Gm. and 0.1 Gm. in bottles of 100 and 1,000.

Kapseals (Dilantin 100 mg., phenobarbital 30 mg., desoxyephedrine hydrochloride 2.5 mg.), bottles of 100.

for the petit mal triad

Celontin®
Milontin®

Kapseals (methsuximide, Parke-Davis) 0.3 Gm., bottles of 100.

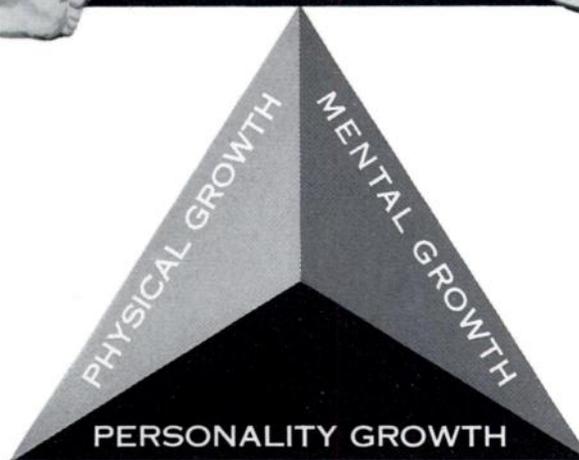
Kapseals (phensuximide, Parke-Davis) 0.5 Gm., bottles of 100 and 1,000.
Suspension, 250 mg. per 4-cc. teaspoon, 16-ounce bottles.

PARKE, DAVIS & COMPANY · DETROIT 32, MICHIGAN



Swift introduces

5 new High Meat 'n Vegetable one-jar meals!



Swift's High Meat Dinners are so delicious the labels read like menus . . . so nourishing they contribute importantly to a baby's "Pyramid of Growth."

There are five tempting varieties even the fussiest little eaters will enjoy: Beef, Chicken, Ham, Veal and Lamb. Each is a tasty blend of ingredients that provide vital nutritional elements. (Typical analysis at right.)

Swift's new Dinners are made with the exacting care that merits your complete confidence. *Delicious meats are Swift's specialty . . . especially Meats for Babies.*

Composition of Swift's Strained High Meat Dinner (Lamb)	
Protein.....	6.8%
Fat.....	2.8%
Carbohydrate.....	5.4%
Ash.....	1.2%
Moisture.....	83.8%
Cal/100 gms.....	74



In answering advertisements please mention PEDIATRICS

25,000,000
courses of
treatment^{*}
and **NO**
"resistance"
problems

*Conservative estimate based on combined use of all FURACIN preparations since 1945.

FURACIN[®]

brand of nitrofurazone

In clinical use for more than 12 years and today the most widely prescribed single topical antibacterial, FURACIN—like other nitrofurans—remains effective against pathogens which have developed, or are prone to develop, resistance to other antibacterial agents. There has been no evidence that originally sensitive strains of staphylococci or other bacteria lose their susceptibility to FURACIN in any significant degree.

the wide-spectrum antibacterial exclusively for
topical use ... in dosage forms for every topical need

Available as Soluble Dressing, Soluble Powder, or Solution. Also in Vaginal and Urethral Suppositories and in special formulations for eye, ear and nose.

one of the unique nitrofurans— products of Eaton research
Eaton Laboratories, Norwich, New York



to *quiet* the cough
and *calm* the patient

Expectorant action
Antihistaminic action
Sedative action
Topical anesthetic action

PHENERGAN[®]
EXPECTORANT

Promethazine Expectorant, Wyeth
With Codeine Plain (without Codeine)



Philadelphia 1, Pa.



This advertisement conforms to the Code for Advertising of the Physicians' Council for Information on Child Health.

NEW . . .
NON-NARCOTIC FORMULA

Pediatric

PHENERGAN
EXPECTORANT

with Dextromethorphan*, Wyeth

*Dextromethorphan for an antitussive action equivalent to that of codeine without codeine's side-effects

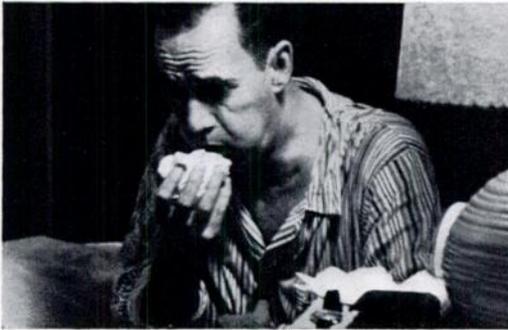
In answering advertisements please mention PEDIATRICS

Pyribenzamine[®] EXPECTORANT breaks up cough

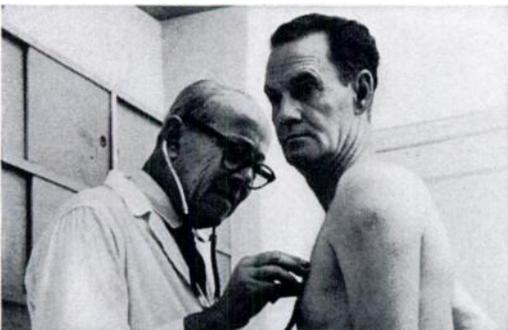
even persistent cough



Patient, factory worker, age 43, had suffered for months with persistent, dry cough, which he termed "smoker's hack."



Cough frequently interrupted his sleep, causing him to be nervous, irritable; his job efficiency was impaired.



Chest X-ray was negative and the plant physician prescribed PYRIBENZAMINE EXPECTORANT with Ephedrine. Patient noticed almost immediate relief—a week later felt "considerably better."

Pyribenzamine Expectorant with Ephedrine provides a unique combination of antitussive agents, which work three ways at once to break up the persistent cough: *Pyribenzamine* relieves histamine-induced congestion throughout the respiratory tract; *ephedrine* relaxes the bronchioles and makes breathing easier; *ammonium chloride* liquefies mucus, relieving dry cough and promoting productive expectoration.

Supplied: Pyribenzamine Expectorant with Ephedrine, containing 30 mg. Pyribenzamine citrate (equivalent to 20 mg. Pyribenzamine hydrochloride), 10 mg. ephedrine sulfate and 80 mg. ammonium chloride per 4-ml. teaspoon. Also available: Pyribenzamine Expectorant with Codeine and Ephedrine, same formula as above with the addition of 8 mg. codeine phosphate per 4-ml. teaspoon (exempt narcotic).

Pyribenzamine[®] citrate (tripelennamine citrate CIBA)

2/2559MK

C I B A
SUMMIT, N. J.

In answering advertisements please mention PEDIATRICS

**NEW topical germicide
unsurpassed for
broad range activity**

BETADINE[®]

Brand of Povidone-Iodine

• Kills by contact a wide variety of microorganisms such as *Bacteria* (including *tubercule bacillus*), *Viruses*, *Fungi*, *Protozoa*. • Effective against certain important organisms resistant to topical antibiotics • Will not lead to the development of resistant strains • Effective even in the presence of blood, pus or other organic matter • Color can be washed off with water.

Available: Betadine Antiseptic in 8 oz. and 16 oz. bottles. Betadine Aerosol in 3 oz. bottles.

Samples and literature upon request.

KO kills outright

including resistant staph.

**...YET VIRTUALLY
NONIRRITATING
TO SKIN AND MUCOSA**



TAILBY-NASON COMPANY, INC.
DOVER, DELAWARE

WHY RISK DELAYED RECOVERY FROM URINARY TRACT INFECTIONS?

Urinary tract infections, due to staphylococci or proteus (resistant or otherwise), may not respond to any antimicrobial agent except CATHOMYCIN (novobiocin). CATHOMYCIN has a long, established record* of effectiveness against organisms resistant to most other antibiotics. It may be administered in combination with sulfonamides or with other antibiotics, providing a broad spectrum of action and protection against the emergence of resistant strains.

Especially useful for those hard-to-treat urinary tract infections, even those complicated by resistant staphylococci or resistant proteus, CATHOMYCIN is rapidly absorbed—producing therapeutic blood levels with a duration of 12 hours or more. It is generally well tolerated and there is no evidence of cross-resistance with other antibiotics.

CATHOMYCIN[®]

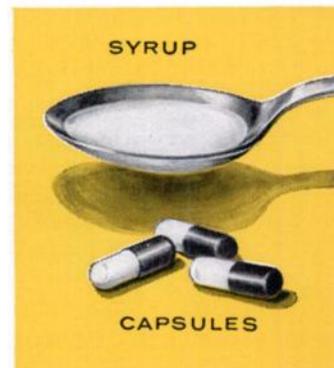
for staphylococcal septicemia, enteritis, postoperative wound infections and other serious staph infections.

NOVOBIOCIN

DOSAGE: Adults: CATHOMYCIN Sodium 2 capsules b.i.d. or CATHOMYCIN Calcium Syrup 4 teaspoonfuls b.i.d. Children: (up to 12 years) 2 to 8 teaspoonfuls daily in divided doses based on 10 mg. CATHOMYCIN per lb. of body weight per day.

SUPPLIED: Capsules sodium novobiocin, each containing the equivalent of 250 mg. of novobiocin—vials of 16 and 100—and as an orange-flavored syrup (aqueous suspension), in bottles of 60 cc. and 473 cc. (1 pint). Each 5 cc. CATHOMYCIN Syrup contains 125 mg. (2.5%) novobiocin, as calcium novobiocin.

*Complete bibliography available on request.



MERCK SHARP & DOHME Division of MERCK & CO., Inc., Philadelphia 1, Pa.

In answering advertisements please mention PEDIATRICS



provides dependable, fast, effective therapy

• **Fewer rejected doses assure more reliable results**

Your young patients will take V-Cillin K, Pediatric, without a "fuss"—no missed doses to delay recovery.

• **Taste-tested and enthusiastically approved**

V-Cillin K, Pediatric, was thoroughly evaluated by more than one hundred children for flavor, color, and consistency.

The taste response to V-Cillin K, Pediatric, was overwhelmingly favorable. It achieved the highest acceptance rating ever accorded an antibiotic by the Junior Taste-Test Panel.

Because V-Cillin K, Pediatric, is a solution (when reconstituted) rather than a suspension, it has a pleasing consistency preferred by children.

• **Convenience appreciated by mothers**

Mothers will thank you for easing their sickroom duties. Ready acceptance by even the most finicky youngsters means less work for mother.

Dosage: Usually one or two 5-cc. teaspoonfuls (125 or 250 mg.) every four or six hours.

Available in bottles of 40 and 80 cc.

V-Cillin K® (penicillin V potassium, Lilly)

ELI LILLY AND COMPANY • INDIANAPOLIS 6, INDIANA, U. S. A.

833314

In answering advertisements please mention PEDIATRICS

lxviii

in un campana de vitro sub pressiones positive e tunc negative. Durante le periodo de expansion, latex, gelatina e tinta de China, e tampo-nate solutiones de plasmina esseva lassate plenar le bronchos e le spatios alveolar del pulmones. Le pulmon contra-lateral del mesme infante serviva como non-expandite base de controllo. Le specimens a gelatina e tinta de China esseva fixate in toto, e blocos esseva dissecate in serie pro objectivos de reconstruction. Le specimens a latex esseva subjicite a corrosion e studiate directemente. Le specimens a solution de plasmina esseva studiate in sectiones routinari post 3 horas de incubation. Iste methodo permitteva le constatation que le pulmones de morte-natos, de infantes prematur, e de infantes nascite a termino—in tanto que illos esseva histologicamente normal—se replenava promptemente de gelatina e tinta de China e de latex, durante que le pulmones de patientes con membranas hyalin exhibiva un marcate deficientia de expansion in le alveolos terminal. Iste facto es possibilmente explicabile como effecto obstructori del membranas, i.e. le mixtura avantiarea usque al membrana sed passarea solmente a transverso le interstitios in illo. In le specimens a latex que esseva subjicite a corrosion, le alveolos terminal exhibiva multo imperfecte grados de replenation —un constatation que se trova de accordo con le aspecto microscopic e le resultados de stu-

dios de reconstruction. Le pulmones a plasmina (in solutiones de plus que 600 unitates per ml) monstrava un marcate alteration in le apparen-tia del membranas post lor incubation. Dissolution e fragmentation del membranas poteva esser observate, e cellulas squamose, difficilmente recognoscibile in le specimens de controllo, nunc poteva esser recognoscite.

Iste constatationes es interpretate como prova que le membranas hyalin age como barriera mechanic al passage de aere a in le alveolos plus peripheric e que le libere intercambio de oxigeno e de bioxydo de carbon a transverso le membranas es impedita. Iste interpretation es de accordo con le constatationes de Drorbaugh *et al.* qui observava un marcate reduction del elasticitate pulmonar e un augmento del labor respiratori in infantes con membranas hyalin. Un non-publicate studio per Gribetz e Avery—monstrante que le pulmones de infantes con membranas hyalin es incapace de expande mesmo a pressiones pressissime a nivellos que resulta in rupturas—servi etiam a confirmar le presente interpretation.

Le dissolution del membrana hyalin per le fibrinolysina plasmina es de accordo con le observation que tal membranas consiste in grande mesura de fibrina. Le alte concentrationes de plasmina requirite pro eliminar tal membranas suggere le presentia de un agente inhibitori in le spatios alveolar.

The American Academy of Pediatrics

SPRING SESSION

April 13 to 15, 1959
Sheraton Palace
San Francisco, California

TWENTY-EIGHTH ANNUAL
MEETING

October 5 to 8, 1959
Palmer House
Chicago, Illinois