



An enthusiastic doctor writes about St. Joseph Aspirin For Children: "I have been using it for my own child and find it excellent. I have recommended it not only to all my patients, but to my friends and neighbors as well."

Their pleasant orange flavor and smooth, creamy texture make these specialized aspirin tablets exceptionally palatable. And their 1 1/4 grain dosage safeguards mothers against the danger of overdosing their children. Disintegrating rapidly, they are easily dissolved for infant administration.

Administered in Any One of Four Different Ways:

- (1) Dissolved on tongue,
- (2) Chewed, (3) Swallowed,
- (4) Dissolved in a tablespoon of water.



Each Tablet Contains 1 1/4 Grains of Pure Highest Quality Aspirin

Physicians are finding St. Joseph Aspirin For Children:

1. Easy to Give
2. Pleasant to Take
3. Therapeutically Effective

The Palatable Aspirin Tablets of Unique Excellence

ST. JOSEPH ASPIRIN FOR CHILDREN

Plough, Inc.
MEMPHIS TENNESSEE

(If you have not yet received samples, address your request to MEDICAL DIRECTOR, Plough, Inc., Memphis, Tenn.)

on every
count
SUPERIOR



Tops in taste

Pleasant . . . no disagreeable aftertaste.
Readily accepted without coaxing.

Potency-guarding stability

No refrigeration required—ever. Can be
safely autoclaved with the formula.

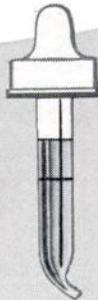
Instant miscibility

Blends instantly into the formula, fruit juice
or water . . . mixes readily with cereals,
puddings, strained fruits.

Time-saving convenience

No mixing needed because it is ready to
use . . . light, clear, nonsticky . . . can be
accurately measured, easily given.

Poly-Vi-Sol
Tri-Vi-Sol



Each 0.6 cc. of Poly-Vi-Sol supplies:

Vitamin A	5000 units
Vitamin D	1000 units
Ascorbic acid	50 mg.
Thiamine	1 mg.
Riboflavin	0.8 mg.
Niacinamide	6 mg.
15 and 50 cc. bottles	

When a supplement containing just
vitamins A, D and C is desired, specify
Tri-Vi-Sol . . . also superior in patient
acceptance, convenience and stability.

MEAD

MEAD JOHNSON & COMPANY
Evansville 21, Indiana, U.S.A.



In answering advertisements please mention PEDIATRICS.

i

This One



3Z2K-4ZA-1802

**make
every cough
useful**

G-Tussin

(Formerly Guaiatussin)

GLYCERYL GUAIALCOLATE . . . MOST EFFECTIVE COUGH MEDICATION.¹

(100 mg. per teaspoonful)

—increases respiratory tract fluid nearly 200%.² Congestive secretions are liquefied and removed. The cough “loosens”, becomes productive.

—reduces daily frequency of coughs by more than two-thirds.³

PHENYLTOLOXAMINE

(10 mg. per teaspoonful)

—effective antihistaminic.

—diminishes cough reflex in the irritated pharynx through its mild, local anesthetic action.

G-Tussin

Non-Narcotic — Demulcent

White's

1. Cass, L. J. and Frederick, W. S.: Am. Pract. & Dig. Treat. 2:844, 1951.
2. Boyd, E. M. and Lapp, S.: J. Pharmac. & Exper. Therap. 87:24, 1946.
3. Stevens, M. E. et al.: Can. M. A. J. 48:124, 1943.

CONTENTS

(Contents continued from page iii)

Hormone Patterns in Patients with Congenital Adrenal Hyperplasia— <i>Vincent C. Kelley, M.D., Ph.D., Robert S. Ely, M.D., and Richard B. Raile, M.D.</i>	541
Abnormal Electrolyte Composition of Sweat in Cystic Fibrosis of the Pancreas; Clinical Significance and Relationship to the Disease— <i>Paul A. di Sant' Agnese, M.D., Robert C. Darling, M.D., George A. Perera, M.D., and Ethel Shea, B.A.</i>	549
Clot Density Method of Fibrinogen Determination in Some Pediatric Conditions— <i>Abram Kanof, M.D., Samuel Losner, M.D., and Bruno W. Volk, M.D.</i>	564
Mucolytic Enzyme Systems. XX. Comparison of Mucoprotein and Hyaluronidase Inhibitor Concentrations in Maternal and Infant Serum— <i>Robert A. Good, M.D., Ph.D., Vincent C. Kelley, M.D., Ph.D., Thomas A. Good, M.D., and David Glick, Ph.D.</i>	575
SPECIAL SECTIONS:	
Trends— <i>John P. Hubbard, M.D., Contributing Editor.</i> Secretary Hobby's Views on Federal Grants-in-aid	584
Public Health, Nursing and Medical Social Work— <i>Myron E. Wegman, M.D., Contributing Editor.</i> Juvenile Courts in the U.S.A.— <i>Will C. Turnblad</i>	589

PEDIATRICS is owned and controlled by the American Academy of Pediatrics, Inc. Entered as second-class matter March 13, 1948, at the postoffice at Springfield, Illinois, and Menasha, Wisconsin, under the Act of March 3, 1879. Acceptance and a special rate of postage, as provided in Section 3440D, authorized November 18, 1952. Copyright 1953, by the American Academy of Pediatrics, Inc. Printed in U.S.A. Copyrighted in the British Commonwealth by Blackwell Scientific Publications, Oxford. No part may be duplicated or reproduced without permission of publishers.

<p style="text-align: center;">TWENTY-THIRD ANNUAL MEETING <i>The American Academy of Pediatrics</i> October 3-7, 1954 <i>Palmer House</i> Chicago</p> <hr/> <p style="text-align: center;">AREAL MEETING April 5 to 7, 1954 <i>Biltmore Hotel</i> Los Angeles</p>
--

...INSTEAD OF UNPHYSIOLOGICAL "PHYSIOLOGICAL SALINE"*



Here's how new POLYSAL[†]/Cutter helps your patients:

1. POLYSAL prevents and corrects hypopotassemia without danger of toxicity.¹

2. POLYSAL corrects moderate acidosis without inducing alkalosis.¹

3. POLYSAL replaces the electrolytes in extracellular fluid.¹

4. POLYSAL induces copious excretion of urine and salt.¹

Polysal, a *single* solution to build electrolyte balance, is recommended for electrolyte and fluid replacement in all medical, surgical and pediatric patients where saline

or other electrolyte solutions would ordinarily be given. Write for literature and handy wallet-size mEq chart . . . Cutter Laboratories, Berkeley, California.

1. Fox, C. L. Jr., et al.: An Electrolyte Solution Approximating Plasma Concentrations with Increased Potassium for Routine Fluid and Electrolyte Replacement. *J. A. M. A.*, March 8, 1962.

[†]Cutter Trade Mark

In distilled water—
250 cc. and 1000 cc.

In 5% Dextrose—
500 cc. and 1000 cc.



***MAKE *New* POLYSAL YOUR ROUTINE PRESCRIPTION**

In answering advertisements please mention PEDIATRICS.

▼

Each tablet or each teaspoonful (5 cc.) of chocolate-flavored suspension contains:

Sulfadiazine 0.167 Gm.
Sulfamerazine 0.167 Gm.
Sulfamethazine 0.056 Gm.
Sulfacetamide 0.111 Gm.

Tablets: Bottles of 100.

Suspension: Bottles of 4 and 16 oz.

DELTAMIDE

w/penicillin

DELTAMIDE

Each tablet or each teaspoonful (5 cc.) of chocolate-flavored suspension contains:

Sulfadiazine 0.167 Gm.
Sulfamerazine 0.167 Gm.
Sulfamethazine 0.056 Gm.
Sulfacetamide 0.111 Gm.
Potassium Penicillin G
(Buffered) 250,000 units

Tablets: Bottles of 36 and 100.

Powder: In 60 cc. vials to provide 2 oz. of suspension by the addition of 40 cc. of water.

**THE NEW
QUADRI-SULFA MIXTURES**



Now... the new fourth dimension in sulfa therapy

Clinical experience indicates that the four sulfas in Deltamide provide high and sustained therapeutic sulfonamide blood levels. More recently, clinical experience and research indicate that sulfonamides plus antibiotics have a synergistic or additive action against some organisms when used together as antibacterial agents. Renal toxicity and blockage are minimal.

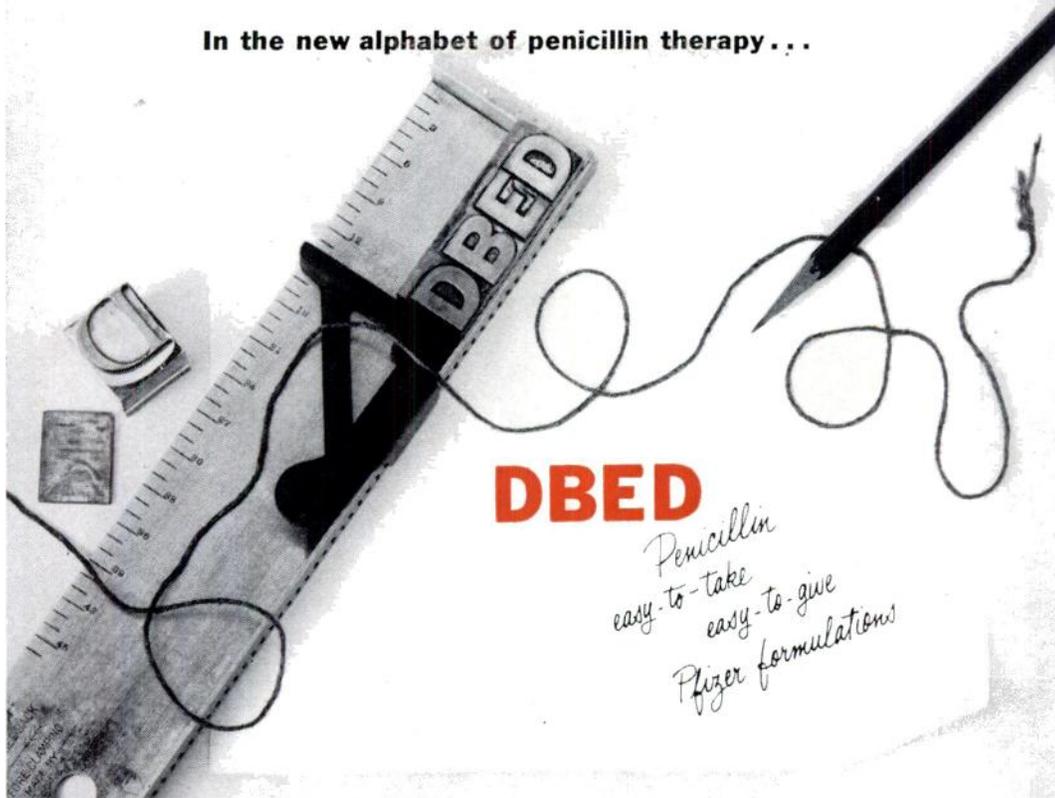


THE ARMOUR LABORATORIES

A DIVISION OF ARMOUR AND COMPANY • CHICAGO 11, ILLINOIS

In answering advertisements please mention PEDIATRICS.

In the new alphabet of penicillin therapy . . .



DBED

*Penicillin
easy-to-take
easy-to-give
Pfizer formulations*

easy-to-give PERMAPEN[®] aqueous suspension

BRAND OF DIBENZYLETHYLENEDIAMINE DIPENICILLIN G

. . . for intramuscular administration, particularly as a prophylactic measure in rheumatic fever, or adjunctively with other penicillin therapy of sensitive infections. Levels lasting as long as 14 days from one injection. Supplied in single-dose STERAJECT[®] disposable cartridges containing 600,000 units of DBED penicillin each with sterile foil-wrapped needle. For use with your Pfizer Steraject syringe.

PERMAPEN[®] FORTIFIED

BRAND OF DIBENZYLETHYLENEDIAMINE DIPENICILLIN G

aqueous suspension

. . . multiplies therapeutic benefits with the combined higher blood levels of 300,000 units procaine penicillin and the sustained blood levels of 300,000 units DBED penicillin. Supplied in single-dose disposable STERAJECT cartridges each with sterile foil-wrapped needle.

easy-to-take PERMAPEN[®] oral suspension

BRAND OF DIBENZYLETHYLENEDIAMINE DIPENICILLIN G

. . . particularly for the treatment of uncomplicated infections due to pneumococci, streptococci, staphylococci and gonococcus as well as other penicillin-sensitive organisms. Supplied in 2 oz. bottles providing 300,000 units DBED penicillin in each peach-flavored teaspoonful.



PFIZER LABORATORIES, BROOKLYN 6, N. Y.,
DIVISION, CHAS. PFIZER & CO., INC.

In answering advertisements please mention PEDIATRICS.



“... there is no longer any reason to question the reliability and efficiency of orally administered penicillin, and it would appear that oral penicillin *can be relied upon* for the therapy of 80-90% of penicillin-treatable infections.”¹

Oral penicillin is **NOT INDICATED** in (a) fulminating disease, (b) conditions in which the infection is in sequestered sites, and (c) the presence of a severe gastrointestinal disturbance.

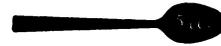
1. Boger, et al.: Oral Penicillin: Evaluation of All Forms, report distributed at New York Session of the A.M.A., 1953.

In answering advertisements please mention PEDIATRICS.

for high blood levels
for flexibility of dosage
for palatability
for ease of administration

Rely on the 'Eskacillins'

per teaspoonful



'ESKACILLIN 50'	50,000 units potassium penicillin G
'ESKACILLIN 100'	100,000 units potassium penicillin G
'ESKACILLIN 250'	250,000 units procaine penicillin G
'ESKACILLIN 500'	500,000 units procaine penicillin G

For combined penicillin-sulfonamide therapy:

'ESKACILLIN 100-SULFAS'

100,000 units potassium penicillin G plus a total of 0.5 Gm. (0.167 Gm. each)
of 3 sulfonamides

'ESKACILLIN 250-SULFAS'

250,000 units procaine penicillin G plus a total of 0.5 Gm. (0.167 Gm. each)
of 3 sulfonamides

Smith, Kline & French Laboratories, Philadelphia

the **ESKACILLINS** *

are painless penicillins
are effective penicillins

*T.M. Reg. U.S. Pat. Off.

In answering advertisements please mention PEDIATRICS.

GENERAL INFORMATION

PEDIATRICS, the official publication of the American Academy of Pediatrics, Inc., publishes papers on scientific and clinical investigation in the field of pediatrics. PEDIATRICS also includes papers on public health and preventive medicine, genetics, nutrition, psychology, education, social legislation, nursing, surgery and sociology, when the subject matter is related to child health and welfare. PEDIATRICS is the medium of expression of the Academy to the medical profession and to the public. Contributions dealing with special spheres of interest to pediatricians are published in feature sections.

Manuscripts, books for review, and all correspondence concerning editorial matters should be sent to the *Editor-in-Chief, La Rabiaa Jackson Park Sanitarium, Chicago 49, Illinois*. Correspondence concerning the Academy should be sent to *Dr. E. H. Christopherson, Executive Secretary, 610 Church Street, Evanston, Illinois*. All correspondence concerning business matters, subscriptions, and advertising should be sent to *Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois*.

PEDIATRICS is published monthly. Subscription price a year: United States, Mexico, Cuba, Central and South America, \$12.00; Canada \$13.00 and other countries, \$14.00, current single numbers, \$1.50. Special price for medical students, hospital residents, and fellows in full time training, \$18.00 for a two-year subscription. Distributed in the British Commonwealth of Nations by Blackwell Scientific Publications, Ltd., 24-25 Broad Street, Oxford, England. Yearly price £5.5.0.

MANUSCRIPTS: Acceptance of manuscripts for publication in the Division of Original Articles will be determined by the following criteria:

- (1) Originality of work being reported.
- (2) Contribution of significant new data.
- (3) The quality of presentation of material.

Reports of cases and other brief memoranda will be acceptable on the same basis as other original articles.

Manuscripts are published in the order received, but the Editor reserves the right to change this order when advisable. Date of receipt will be indicated when the paper is published. Manuscripts become the property of PEDIATRICS when they are accepted for publication, and the right is reserved to make editorial changes. Papers are accepted on 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. Permission for reprinting in reputable publications is granted on request, if credit is given PEDIATRICS. Galley proofs and engraver's proofs are sent to authors. Original color drawings and photographs are returned on request.

REPRINTS: Fifty reprints without covers will be supplied on request to the principal author of an original article without cost. Additional reprints may be obtained on a cost-plus basis. A price list and order blank is enclosed with galley proofs. *Orders must be sent in with return of the galley and not later than 10 days thereafter. Orders for reprints received after that date will be charged in full to the author.* Requests for reprints by other individuals must be made directly to the author.

ABSTRACTS: Each author is to submit an abstract intelligible without reference to the main text. when his manuscript is accepted for publication, for translation into Spanish.

BOOKS: Books of interest to pediatricians and which are related to child health and welfare will be reviewed when the book merits recommendation. Special attention will be given to first editions.

KANANA BANANA FLAKES[★]

Pure Ripe Dehydrated Banana With Nothing Added

**A FOOD OF CHOICE
FOR INFANT FEEDING**

1. Use as Baby's first solid food.
Sweet tasting, willingly accepted, high food value.
2. Use in the dietetic management of celiac syndrome.
3. Use in the management of infantile diarrhea.*
4. Use as a milk modifier.
5. Use as a non-allergenic, nutritious food.**
6. Also—for malnutrition, ulcerative colitis and other gastrointestinal disturbances.

*Fries, J. H., Chiara, N. J., and Waldron, R. J.: *Dehydrated Banana in the Dietetic Management of Diarrheas of Infancy*, *J. Pediat.*, 37:367, 1950.

**Fries, J. H., and Glaser, I.: *Studies on the Antigenicity of Banana, Raw and Dehydrated*, *J. Allergy*, 21:169, 1950.



Kanana

BANANA Flakes

★ (NOT A POWDER)

FREE SAMPLES



Fill out and mail this coupon today to Kannengiesser & Company, Dept. P, 76 Ninth Avenue, New York 11, N. Y. for content analysis and Free Samples of KANANA BANANA FLAKES.

NAME _____ STREET _____
CITY _____ ZONE _____ STATE _____

KANNENGIESSER & COMPANY, INC., 76 Ninth Avenue, New York 11, N.Y.

Distributed in Eastern Canada by:
Laurentian Agencies Limited
429 St. Jean Baptiste Street
Montreal, Canada

Distributed in Western Canada by:
National Importers Limited
418-20 East Pender Street
Vancouver, B.C., Canada





Tasty, Stable, Ready-to-use

Pediatric **Erythrocin** Stearate

TRADE MARK

(Erythromycin Stearate, Abbott)

ORAL SUSPENSION

A SWEET, cinnamon-flavored suspension with the cocci-killing effectiveness of ERYTHROCIN. That's *Pediatric* ERYTHROCIN Suspension. Little patients like it.

Pediatric ERYTHROCIN Suspension is ready for instant use. No mixing required. This new form of an effective antibiotic maintains stability for at least 18 months—whether or not the bottle has been opened. Prescribe odd or even ounces, as indicated.

ESPECIALLY INDICATED in otitis media, bronchitis, sinusitis, pharyngitis, tonsillitis, scarlet fever, pneumonia, erysipelas, pyoderma . . . when children are sensitive to other antibiotics or when the organism is resistant . . . when the organism is staphylococcus, because of the high incidence of staphylococci resistant to broad-spectrum antibiotics.

Like ERYTHROCIN Tablets, *Pediatric* ERYTHROCIN Suspension is specific in action—*less likely to alter the normal intestinal flora than the three broad-spectrum antibiotics*. Can be administered before, after or with meals. Pharmacies have *Pediatric* ERYTHROCIN Suspension in 2-fl. oz. bottles. Try it **Abbott**



A COMPARISON OF SULFONAMIDE PREPARATIONS:

Capacity to Produce Adequate, Sustained Blood Levels

*From a Recent Report: "The Effect of an Alumina Gel Vehicle on the Blood Level of a Triple Sulfonamide Preparation after Oral Administration."*¹

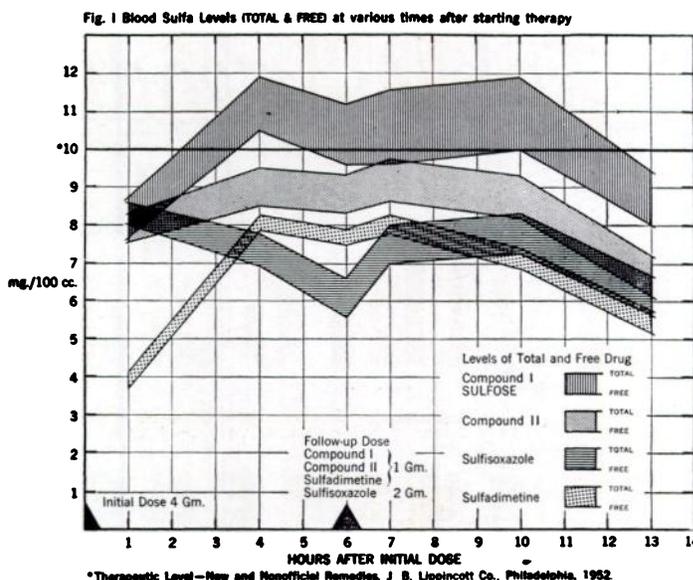
"In accordance with the standards established by the Council on Pharmacy and Chemistry of the American Medical Association² regarding therapeutic blood levels, it was deemed advisable to judge the effectiveness of the various preparations on the basis of their ability to

provide sustained blood sulfonamide concentrations of 10 to 15 mg. per 100 cc."

Four sulfonamide preparations were studied:

- (a) SULFOSE®—triple sulfonamides in alumina gel suspension
- (b) Compound II—triple sulfonamides without alumina gel
- (c) Sulfisoxazole tablets
- (d) Sulfadimetine tablets

For details on dosage and comparative blood levels obtained, see chart below.



RESULTS

1. Only one preparation—SULFOSE—produced average blood levels exceeding 10 mg. total sulfonamides per 100 cc.
2. Average acetylation was moderate for all preparations, ranging around 10 per cent (± 5 per cent).
3. Triple sulfonamides produce greater and better sustained blood levels.
4. SULFOSE—triple sulfonamides in alumina gel suspension—provided both

“higher initial as well as more prolonged therapeutic levels . . .”¹

SULFOSE®

Triple Sulfonamides

SUPPLIED: Suspension, bottles of 1 pint. Each 5 cc. teaspoonful contains 0.167 Gm. each of sulfadiazine, sulfamerazine and sulfamethazine in a special alumina gel vehicle.

Also available: Tablets, bottles of 100 and 1000.

References: 1. Berkowitz, D.: *Antibiotics & Chemotherapy* 3:618 (June) 1953.
2. *New and Nonofficial Remedies*. J.B. Lippincott Company, Philadelphia, 1952, p. 103.



Philadelphia 2, Pa.

In answering advertisements please mention PEDIATRICS.

Upjohn

**cortisone
for inflammation,
neomycin
for infection:**

Each gram contains:

Cortisone Acetate 15 mg.

Neomycin Sulfate 5 mg.
(equivalent to 3.5 mg. neomycin base)

Available in 1 drachm tubes with
applicator tip

The Upjohn Company, Kalamazoo, Michigan

Neosone
Trademark OPHTHALMIC OINTMENT



In answering advertisements please mention PEDIATRICS.

**Dennison
Diaper Liners
are good for baby
...and mother, too!**



How do Dennison Diaper Liners aid baby health?

One of the principal causes of externally-produced diaper rash is the formation of ammonia in the urine. A Dennison Diaper Liner, used inside the regular cloth diaper, retards the growth of ammonia-forming bacteria — thus protecting baby's tender skin.

Is there Medical Proof that Dennison Diaper Liners aid baby health?

Tests made by a well known public health laboratory confirm the ammonia-inhibiting property of Dennison Liners. This table summarizes the findings:

Effect of Dennison Diaper Liner on Ammonia Formation in Urine	
	Ammonia* content mg/cc
Urine, unincubated, control	0.12
Same urine, incubated 27 hrs. at 37°C.	1.05
Same urine, incubated with Dennison Diaper Liner for 27 hrs. at 37°C.	.19

*by a modification of Folin's method

How do Dennison Diaper Liners help mothers?

Dennison Diaper Liners save mothers from scrubbing and soaking badly stained diapers. When it's time for a "change," mother can merely lift out the liner and dispose of it. Dennison Diaper Liners are lint-free, silky soft. They help cloth diapers last longer — make baby care easier in *many ways*.



For Free Samples write to —
**DENNISON
MANUFACTURING CO.**
Dept. T-214, Framingham, Mass.



Dennison
**DIAPER
LINERS**

In answering advertisements please mention PEDIATRICS.

Inadequacy of X-ray in Foreign Bodies in Lung

THE possibility that a non-radioopaque object like a peanut has been aspirated causes one of the great diagnostic emergencies in childhood. Immediate decision is crucially important to justify the serious but essential bronchoscopy. It is instinctive for the doctor to turn to X-ray for aid, but, we have learned, uncritical reliance on this aid may lead to tragic mistakes.

● **Bronchial foreign bodies** in children most commonly result first in obstructive emphysema. A film, however, taken only on inspiration, may give no indication whatever that a

bronchus is almost but not quite occluded. The obstruction may be of just such a degree that on full or even partial inspiration, abnormal and normal lobes are equally distended. Only on expiration can the lobe, distended by trapped air, be detected; and in young children it may be difficult to get a film at just this moment.

● **Many pediatricians** find the stethoscope is often more accurate than the X-ray. In this, of course, we must bear in mind that it is essential (1) repeatedly to compare with the stethoscope the volume of breath sounds on different areas of the chest, (2) to insist that two X-rays be taken, one on full inspiration and one on full expiration.

NOTE: The purpose of these bulletins is to help disseminate modern pediatrics knowledge to the general medical profession and will appear monthly in the Journal of the American Medical Association.



OVER 50 VARIETIES—Strained Orange Juice, Pre-Cooked Cereals, Strained Foods, Junior Foods



Symbol Of Fine Quality Since 1869



Heinz Baby Foods And Heinz Baby Food Advertising Are Reviewed And Accepted By The Council On Foods And Nutrition.

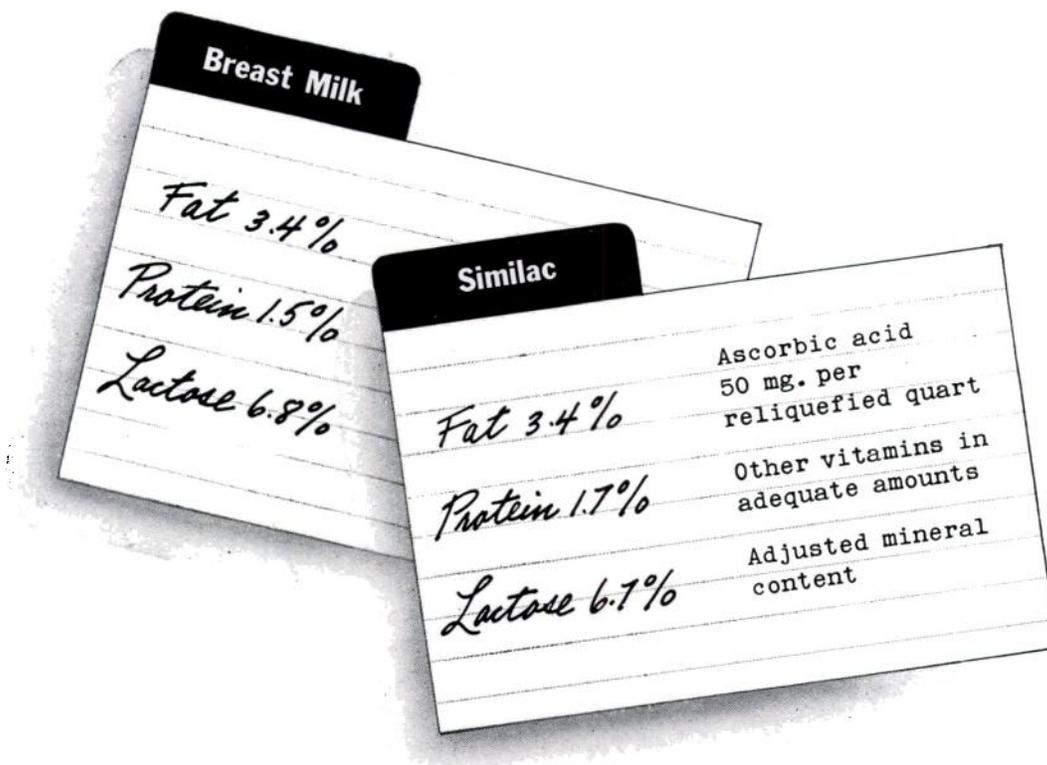
HEINZ

Baby Foods

You Know It's Good
Because It's Heinz!

In answering advertisements please mention PEDIATRICS.

Recommended recipes for feeding baby



1. Human Breast Milk: "the recipe of the most satisfactory food for a baby."

Gunther, M.: Brit. J. Nutrition 6 (No. 2): 215, 1952.

2. SIMILAC

so similar to the milk of healthy, well-nourished mothers that there is no closer equivalent.

Similac in the baby's stomach forms a soft, fine, fluid curd assuring rapid and easy digestion. Close equivalence (in quantity and quality of nutrients) to breast milk promotes good growth and reduced incidence of complications during the first year of life.

Similac is simple to prepare

Supplied: Similac Powder in tins of 1 lb., with measuring cup;
Similac Liquid in tins of 13 fl. oz.



M & R Laboratories, Columbus 16, Ohio

In answering advertisements please mention PEDIATRICS.

AS OLD AS MEDICAL HISTORY... STILL

The Basic Drug

IN A HOST OF DERMAL AFFECTIONS

In ...

Eczema
Infantile Eczema
Psoriasis
Folliculitis
Seborrheic Dermatitis
Intertrigo
Pityriasis
Dyshidrosis
Tinea Cruris
Varicose Ulcers

Tar, since the days of Hippocrates, has been the basic medication in dermatologic practice. It is anti-inflammatory and decongestant, and stimulates lymph circulation in cutaneous and subcutaneous tissues. New modes of therapy continue to come to the doctor's attention but tar has held its position through decades of usefulness as the medication of choice in the widest range of dermatologic indications.

Today, all the advantages of tar are available in Tarbonis, without any of the drawbacks which beset the crude drug. Consisting of a specially processed liquor carbonis detergens (five per cent), together with lanolin and menthol, in a vanishing cream base, Tarbonis is

- Aesthetically acceptable, since it is greaseless, free from tarry odor;
- Stainless, does not soil linen or clothing;
- Nonirritant, can be used on tenderest skin areas;
- As efficacious as crude tar.

Tarbonis is available on prescription through all pharmacies. For dispensing purposes Tarbonis, packaged in 1 lb. and 6 lb. jars, is available through Physicians' and Hospital Supply Houses.



Physicians are invited to send for clinical test samples to demonstrate the antipruritic, decongestant, and resolving properties of Tarbonis.

THE TARBONIS COMPANY

4300 Euclid Avenue

Cleveland 3, Ohio

TARBONIS

THE TARBONIS CO., Dept. P11
4300 Euclid Ave., Cleveland 3, Ohio

You may send me a sample of Tarbonis.

M.D.

Address _____

City _____ Zone _____ State _____

In answering advertisements please mention PEDIATRICS.



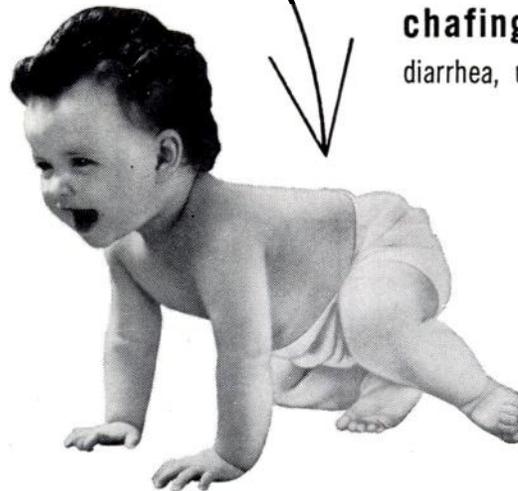
new 3 year study¹ shows

“beneficial effect” of

DESITIN[®] OINTMENT

the pioneer external cod liver oil therapy

in **extensive dermatitis, diaper rash, severe intertrigo, chafing, irritation** (due to diarrhea, urine, soaked diapers, etc.)



DESITIN OINTMENT achieved “significant amelioration” or practically normal skin in 96 $\frac{3}{4}$ % of infants and children suffering intense edema, excoriation, blistering, maceration, fissuring, etc. of contact dermatitis. This and other recent studies recommend Desitin Ointment as “safe, harmless, soothing, relatively antibacterial” protective, drying and healing.²⁻⁴

samples and reprint¹ available from

DESITIN CHEMICAL COMPANY

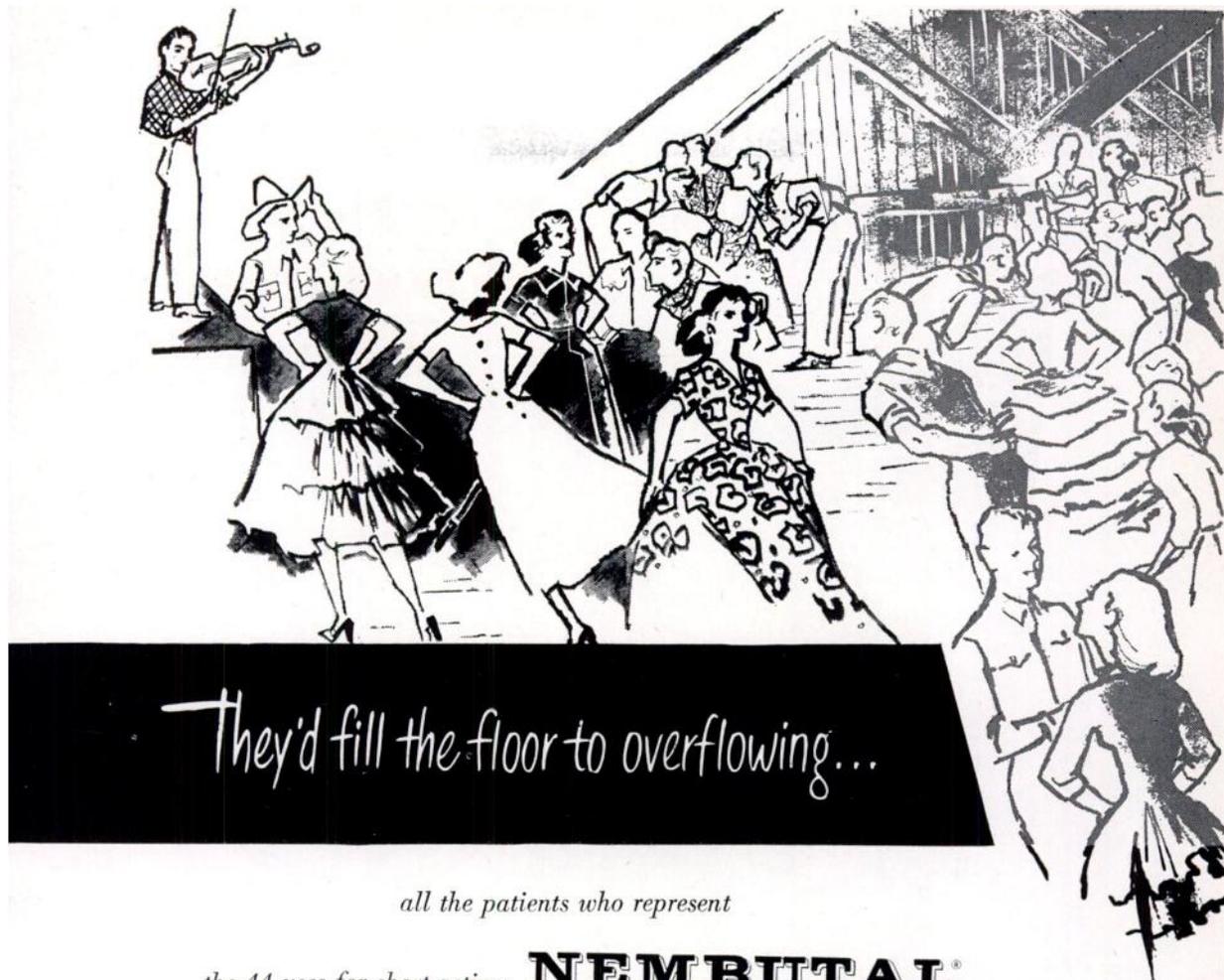
70 Ship Street • Providence 2, R. I.



Desitin Ointment is a non-irritant, non-sensitizing blend of high grade, crude Norwegian cod liver oil (with its high potency vitamins A and D, to benefit local metabolism,¹ and unsaturated fatty acids in proper ratio for maximum efficacy), zinc oxide, talcum, petrolatum, and lanolin. Does not liquefy at body temperature and is not decomposed or washed away by secretions, exudate, urine or excrements. Dressings easily applied and painlessly removed. Tubes of 1 oz., 2 oz., 4 oz.; 1 lb. jars.

1. Grayzel, H. G., Helmer, C. B., and Grayzel, R. W.: New York St. J. M. 53:2233, 1953.
2. Helmer, C. B., Grayzel, H. G., and Kramer, B.: Archives of Pediatrics 68:382, 1951.
3. Behrman, H. T., Combes, F. C., Bobroff, A., and Leviticus, R.: Ind. Med. & Surgery. 18:512, 1949.
4. Turell, R.: New York St. J. M. 50:2282, 1950.

In answering advertisements please mention PEDIATRICS.



They'd fill the floor to overflowing...

all the patients who represent

the 44 uses for short-acting **NEMBUTAL**

As a sedative or hypnotic . . . in obstetrics, surgery, pediatrics . . . in more than 44 clinical conditions . . . short-acting NEMBUTAL has established a 23-year record of acceptance and effectiveness.

Here's why:

1. Short-acting NEMBUTAL (Pentobarbital, Abbott) can produce any desired degree of cerebral depression—from mild sedation to deep hypnosis.
2. The dosage required is small—only about one-half that of many other barbiturates.
3. Hence, there's less drug to be inactivated, shorter duration of effect, wide margin of safety and little tendency toward morning-after hangover.
4. In equal oral doses, no other barbiturate combines quicker, briefer, more profound effect.

Any wonder, then, that the use of short-acting NEMBUTAL continues to grow each year? How many of short-acting NEMBUTAL's uses have you tried? **Abbott**



FOR INSOMNIA OR
SEDATIVE EFFECT
try the 50-mg. (¾-gr.)
NEMBUTAL
Sodium capsule.

FOR BRIEF AND
PROFOUND HYPNOSIS
try the 0.1-Gm. (1½-gr.)
NEMBUTAL
Sodium capsule.



**Here's one easy way to prove
the SUPERIORITY of**

Buntees
TRADE MARK REG.

**HAND-LASTED
MOCCASINS**



AS a doctor, you know a baby's heel is naturally *round*, like a half-dollar. To see how closely a Buntees Hand-Lasted Moccasin conforms to that shape, slip a 50¢ piece into the heel. This contoured heel is just *one* of the reasons so many leading doctors recommend Buntees. The true Indian moccasin design of Buntees encourages normal, sturdy growth with all the healthy freedom of barefoot action. The patented seamless one-piece vamp gently yet firmly supports delicate bones and muscles. Flat, flexible soles and roomy toes help the foot develop naturally.

In response to requests from pediatricians, nurses and mothers, Buntees sizes have been extended to fit the child from the cradle through age three. You can safely recommend Buntees for your small patients. For descriptive literature and the name of the nearest Buntees dealer to whom you can refer your patients, write:

Dorothy Frances Potvin, R.N.
Medical Research Department
R. J. POTVIN SHOE COMPANY
Campello Station, Brockton, Mass.

R. J. POTVIN SHOE COMPANY Campello Station BROCKTON, MASS.

In answering advertisements please mention PEDIATRICS.

Coughing your head

off?

Hycodan[®]

BITARTRATE (Dihydrocodeinone Bitartrate)



whenever
COUGH THERAPY is indicated

young folks

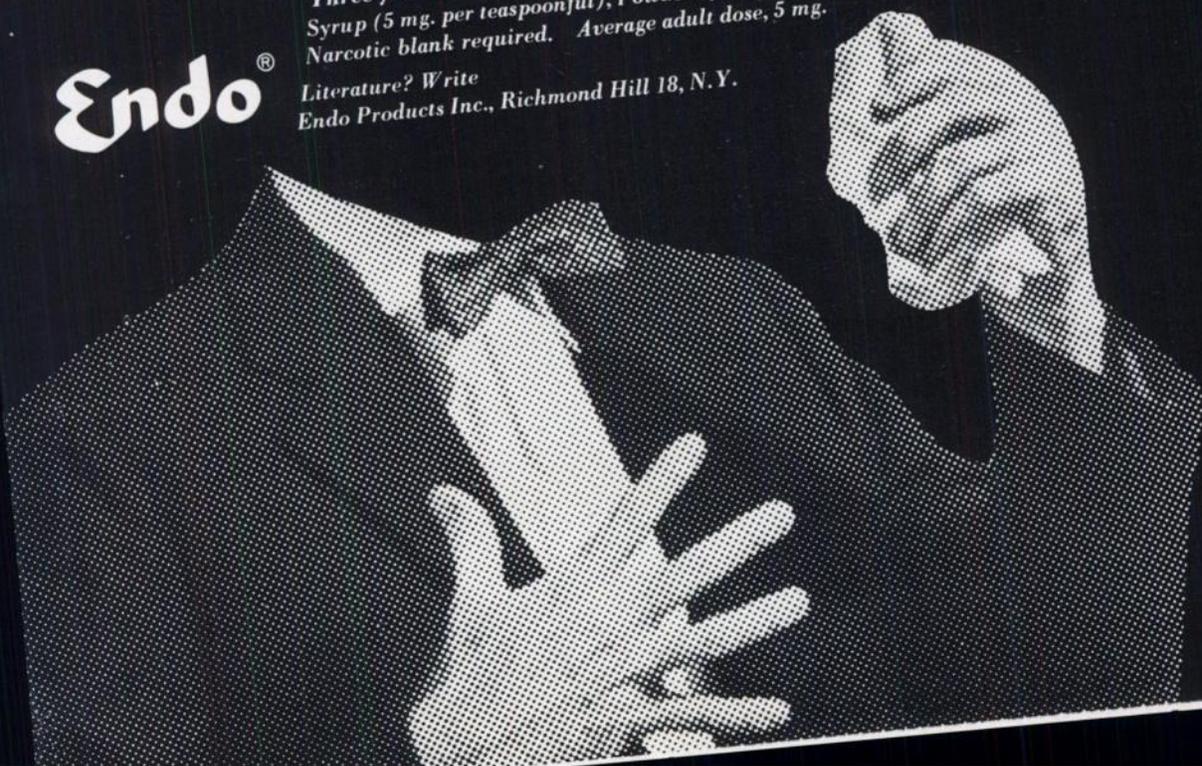
old folks

in-between folks

Three forms available: Oral Tablets (5 mg. per tablet),
Syrup (5 mg. per teaspoonful), Powder (for compounding).
Narcotic blank required. Average adult dose, 5 mg.

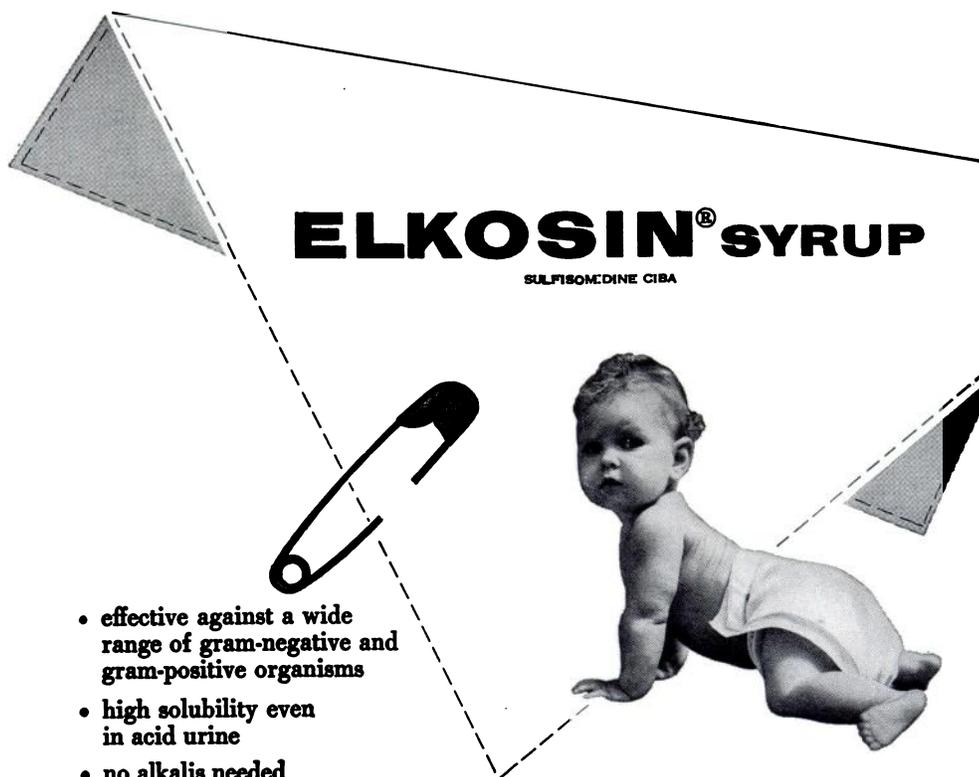
Endo[®]

Literature? Write
Endo Products Inc., Richmond Hill 18, N.Y.



Giba SUMMIT, N. J.

*In the "diaper age" —
safer, simpler treatment
for urinary infections*



ELKOSIN[®] SYRUP

SULFISOMEDINE GIBA

- effective against a wide range of gram-negative and gram-positive organisms
- high solubility even in acid urine
- no alkalis needed
- finer particle size . . . for better suspension . . . uniform dosage
- mixes readily with milk, fruit juices

ELKOSIN SYRUP — a microcrystalline suspension of sulfadimetine in a strawberry-flavored syrup — 0.25 Gm. per teaspoonful (4 cc.). Pints. Also 0.5 Gm. double-scored tablets. Bottles of 100 and 1000.

ELKOSIN *a new advance in sulfonamide safety*

2/1003M

In answering advertisements please mention PEDIATRICS.

Of exquisite delicacy...



Dandelion Puff

The infant's skin is also a structure of exquisite delicacy.

This is why Johnson's Baby Lotion is so carefully formulated . . . why it has been subjected to the most exhaustive research studies in both the laboratory and the clinic.

These studies have shown that in the prophylaxis and management of the common dermatoses of infancy, Johnson's Baby Lotion is a highly effective agent . . . as well as an ideal lotion-type product for routine baby skin care.

Johnson's Baby Lotion

For free samples of Johnson's Baby Lotion, simply write on your R to Johnson & Johnson, New Brunswick, N. J. Offer limited to medical profession in U.S.A.



In answering advertisements please mention PEDIATRICS.

new! completely aqueous...

Aquasol A-C-D drops

New studies^{1,2} with "oil-in-water"* vitamin solutions, developed by the Research Laboratories of the U. S. Vitamin Corporation, confirm their superiority over ordinary vitamin solutions in oil.

A special processing technique removes the fats, fatty acids, oil and other extraneous non-vitamin materials, thus eliminating or minimizing the allergenic factors found in fish liver oil . . . no fish taste or odor.

vitamin A in aqueous solution accomplishes

Each 0.6 cc. provides:

Vitamin A* (natural) . . . 5000 U.S.P. Units
Vitamin D* (natural) 1000 U.S.P. Units
Ascorbic Acid (C) 75 mg.

*oil-soluble vitamins made water-soluble with sorbitan esters; protected by U. S. Patent 2,417,299.

Packaged in bottles of 15 cc. and 30 cc.

1. Lewis, J. M. and Cohlman, S. Q.: M. Clin. N. A. March 1950.
2. Sobel, A. E. et al.: Am. J. Dis. Child. Dec. 1950.

Samples on Request

u. s. vitamin corporation

Casimir Funk Laboratories, Inc. (affiliate)
250 east 43rd st. • new york 17, n. y.

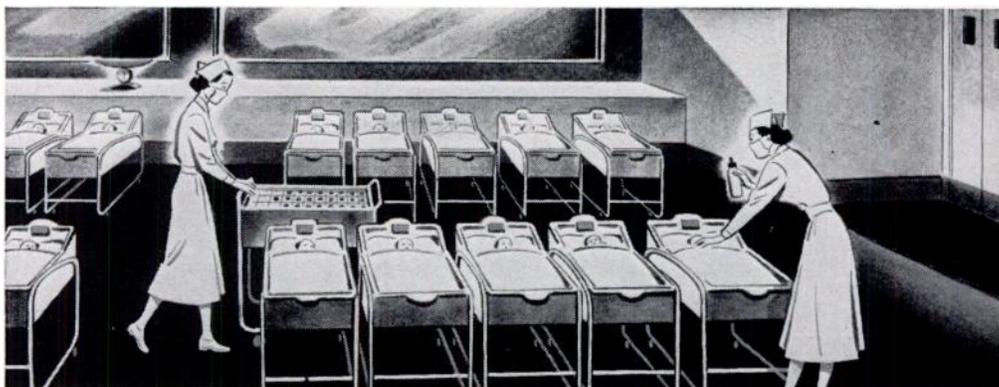
quicker absorption
more complete absorption
better utilization
higher liver storage
less excretion

*than ordinary
vitamin A in oil*

exceptionally palatable candy-like taste



In answering advertisements please mention PEDIATRICS.



VARAMEL OFFERS DISTINCT ADVANTAGES IN

FEEDING THE NEWBORN INFANT

Varamel is particularly adaptable to the feeding of the newborn infant because (1) the high quality of the milk* from which it is made; (2) the fact that no sugar has been added; (3) a readily tolerated fat composition.

Since approximately 85% of the fat content of Varamel is vegetable fats, which are well tolerated and utilized, a normal level of fat may be fed to the term infant during the early neo-natal period**—thus permitting a normal distribution of calories between the component parts of the formula.

Since Varamel contains no added sugar, the physician may adjust the sugar level of the formula as he feels is indicated.

Varamel may be used in the same manner as any evaporated or bottled milk.

Varamel is ethically promoted and ethically distributed.

***"Vegetable fats have been shown to be more fully utilized than is cows milk fat by the newborn and even more so by the premature infant."*

Meyer, H. F., "Essentials of Infant Feeding for Physicians" Thomas (1952)

THE BAKER LABORATORIES, INC., Cleveland 3, Ohio
 Plant: East Troy, Wisconsin • Division Offices: Atlanta,
 Dallas, Denver, Greensboro, N. C., Los Angeles, San
 Francisco, Seattle



*Made from Grade A milk (U.S. Public Health Service Milk Code) which has been modified by replacement of the milk fat with animal and vegetable oils and by the addition of vitamins and iron. No carbohydrate has been added.



In answering advertisements please mention PEDIATRICS.



TAILORED FOR TOTS

The NEW Gantrisin Pediatric Suspension 'Roche' . . . custom-made for small fry who may balk at the administration of tablets. *NOW* available in the form of a raspberry-flavored liquid . . . appealing to children and easy to swallow.

Providing antibacterial therapy against a wide range of microorganisms in many common infections. Highly soluble without supplementary administration of alkali. No danger of renal blockage.

Available in 4-oz and 16-oz bottles; 0.5 Gm per 5 cc. Also supplied as chocolate-flavored syrup and in tablet form. Each teaspoonful provides 0.5 Gm Gantrisin. The single, highly soluble sulfonamide—**GANTRISIN** 'Roche'.



HOFFMANN-LA ROCHE INC • NUTLEY 10 • N. J.

GANTRISIN®—brand of sulfisoxazole (3,4-dimethyl-5-sulfanilamido-isoxazole)

In answering advertisements please mention PEDIATRICS.



for complete
protection

you need a **WHOLE
UMBRELLA**

for complete B complex protection

Mejalin—and only **Mejalin**—supplies all eleven
of the identified B vitamins plus liver and iron

Many of your patients need the complete protection of **Mejalin**: the very young with capricious appetites; the old who don't eat properly; the adolescent and the convalescent; the prenatal and the postpartum; persons "too busy to eat"; those on restricted diets, and others whose dietary intake may be inadequate or irregular.

And B vitamin protection is of course essential for persons with impaired utilization or synthesis of B vitamins, as in certain gastrointestinal disturbances and in oral antibiotic therapy.

MEJALIN LIQUID: bottles of 12 ounces.

MEJALIN CAPSULES: bottles of 100 and 500.

Mejalin

the broad spectrum

vitamin B complex supplement

MEAD JOHNSON & COMPANY
Evansville 21, Indiana, U.S.A.



Two exceptionally pleasant dosage
forms assure acceptance by patients



Each teaspoon of **Mejalin Liquid**
and each **Mejalin Capsule** supplies:

Thiamine.....	1 mg.
Riboflavin.....	1 mg.
Niacinamide.....	10 mg.
Pyridoxine hydrochloride.....	0.2 mg.
Pantothenic acid.....	1 mg.
Choline.....	50 mg.
Inositol.....	20 mg.
Vitamin B ₁₂ (crystalline).....	0.33 mcg.
Folic acid.....	0.2 mg.
Biotin.....	0.02 mg.
Para-aminobenzoic acid.....	0.5 mg.
Liver fraction.....	300 mg.
Iron (from ferrous sulfate).....	7.5 mg.

Mejalin Liquid contains panthenol and soluble liver fraction N. F.; *Mejalin Capsules* contain calcium pantothenate and desiccated liver N. F.

In answering advertisements please mention **PEDIATRICS**.



**Have you tried PENTIDS for
rheumatic fever prophylaxis?**

"Penicillin is the drug of choice for treating streptococcal infections. . . . Oral penicillin has the desirable characteristics of being bactericidal for hemolytic streptococci and of rarely producing serious toxic reactions."¹ Treatment: 200,000 to 300,000 units orally t.i.d. or q.i.d. Prophylaxis: 200,000 units orally b.i.d.
1. Statements of American Heart Assn. Council on Rheumatic Fever, J.A.M.A. 151:141, Jan. 10, 1953.

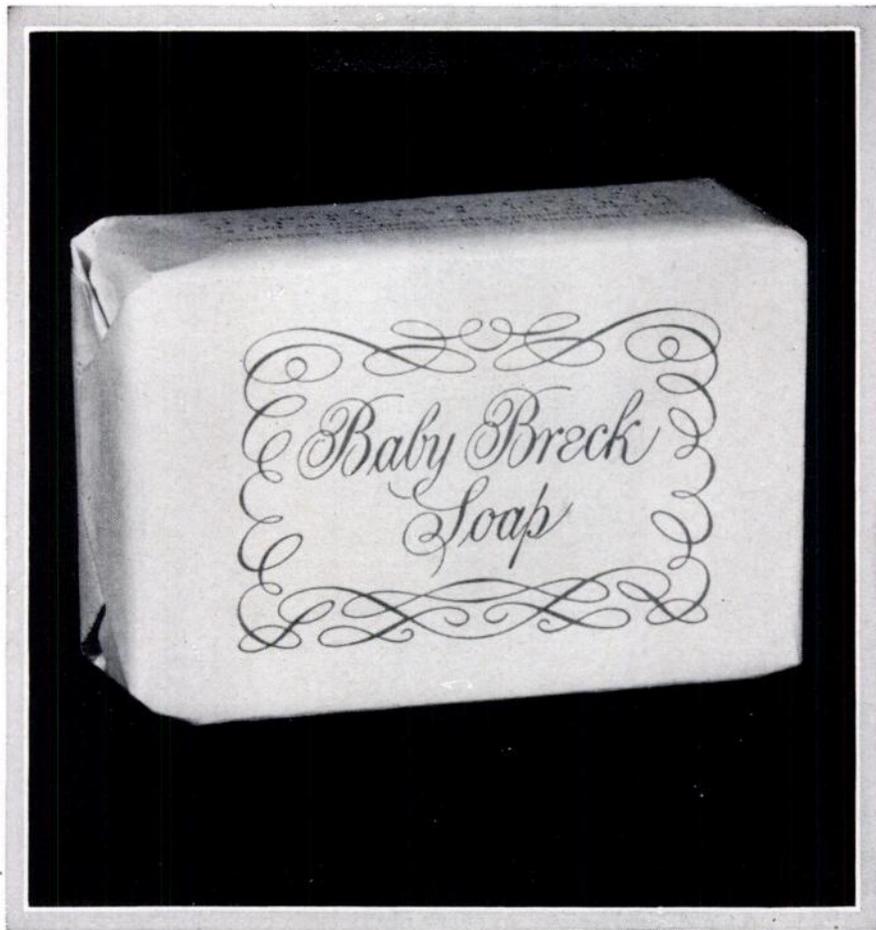
SQUIBB
*PENTIDS IS A TRADEMARK

PENTIDS

Squibb 200,000 Unit Penicillin G Potassium Tablets

In answering advertisements please mention PEDIATRICS.

xxx



Baby Breck Soap

Baby Breck Soap is a mild, long lasting soap made especially for washing the sensitive skin of babies. It contains lanolin and cold cream as well as the remarkable skin antiseptic, hexachlorophene. Baby Breck Soap aids in preventing diaper rash and skin infection. Daily use of Baby Breck Soap will help keep baby's skin smooth and sweet.

One Cake 35¢

Three Cakes \$1.00

JOHN H. BRECK INC. • MANUFACTURING CHEMISTS • SPRINGFIELD 3 MASSACHUSETTS
NEW YORK • CHICAGO • SAN FRANCISCO • OTTAWA CANADA

In answering advertisements please mention PEDIATRICS.



To cope with emergencies . . .
 a needed item for the physician's bag

Anesthesia requirements in accidents and other emergencies make VINETHENE a desirable item in every physician's bag. VINETHENE is a practical inhalation anesthetic for short periods of anesthesia. Administered by open-drop technic, it induces anesthesia rapidly and blandly, and is characterized by prompt recovery with a minimum of postoperative nausea.

Literature on request

VINETHENE[®]

(Vinyl Ether for Anesthesia U.S.P. Merck)

AN INHALATION ANESTHETIC FOR SHORT OPERATIVE PROCEDURES

*Research and Production
 for the Nation's Health*



MERCK & CO., INC.

Manufacturing Chemists

RAHWAY, NEW JERSEY
 In Canada: MERCK & CO. Limited - Montreal

In answering advertisements please mention PEDIATRICS.

Pneumonia weather...

the season
for bacterial
respiratory tract
infections



a time
for...

TERRAMYCIN[®]

BRAND OF OXYTETRACYCLINE

The value of Terramycin in promptly controlling otitis media, severe sinusitis, laryngotracheobronchitis, bacterial pneumonia and virtually all infections of the respiratory tract, due to or complicated by the many organisms sensitive to Terramycin, is now a matter of clinical record.

Because of its excellent toleration and rapid response, Terramycin is a therapy of choice for bacterial respiratory tract infections. Among the convenient dosage forms of Terramycin are Capsules, Tablets (sugar coated), good-tasting Oral Suspension, non-alcoholic Pediatric Drops, Intravenous for hospital use in severe infections and various topical preparations including Troches, Nasal and Aerosol for adjunctive therapy.



PFIZER LABORATORIES
Division, Chas. Pfizer & Co., Inc., Brooklyn 6, N. Y.

NEW

Mucolytic
Inhalation
Therapy



"Spectacular results"

IN

Laryngitis

Laryngotracheobronchitis

Bronchopneumonia

Atelectasis

Bronchiectasis

Bronchial Asthma

Tuberculosis

*Life Saving in
Neonatal Asphyxia*

Write for informative literature.

ALEVAIRE

NONTOXIC MUCOLYTIC DETERGENT

Alevaire is administered as a fine mist by aerosol nebulization utilizing a suitable supply of oxygen or compressed air.

"New and uniquely effective method of liquefying respiratory secretions."

Supplied in bottles of 500 cc.

Alevaire, trademark

WINTHROP-STEARN'S INC.
NEW YORK 18, N. Y. • WINDSOR, ONT.

In answering advertisements please mention PEDIATRICS.

xxxiv

*What
enriched bread
is doing for
America today*



Enriched bread, representing the bulk of bread consumed today, makes significant nutrient contributions to the dietary and to the nutritional health of the American people.¹ Bread cannot be regarded merely as an energy food. Instead, it is an important purveyor of many nutrients which a large proportion of our population would never receive in adequate amounts if enriched bread were not available on so large and wide a scale.² Here is what modern day enriched bread provides:

VITAMINS: Containing specified amounts of thiamine, riboflavin, and niacin, enriched bread makes a significant contribution to the satisfaction of these vitamin requirements. Enriched bread has played an important role in virtually eliminating frank deficiency diseases and materially reducing subclinical deficiency states resulting from dietary inadequacies in these essentials.²

MINERALS: By providing substantial amounts of calcium³ and of added iron,

modern enriched bread goes far in satisfying the needs for these substances. For example, six ounces of bread on the average provides approximately 15 per cent of the day's recommended calcium allowance for adults and 38 per cent of the iron allowance.

PROTEIN: The protein of commercial bread is of high biologic value because it is a mixture of wheat flour protein and milk protein, the latter derived from added non-fat milk solids.⁴ One pound of enriched bread furnishes about 39 Gm. of protein.

ECONOMY: At its present day low price, bread represents an outstanding nutritional "buy." It provides not only generous amounts of essential nutrients, but also readily available food energy. These features truly make enriched bread one of America's *basic foods*.



The Seal of Acceptance denotes that the nutritional statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

REFERENCES

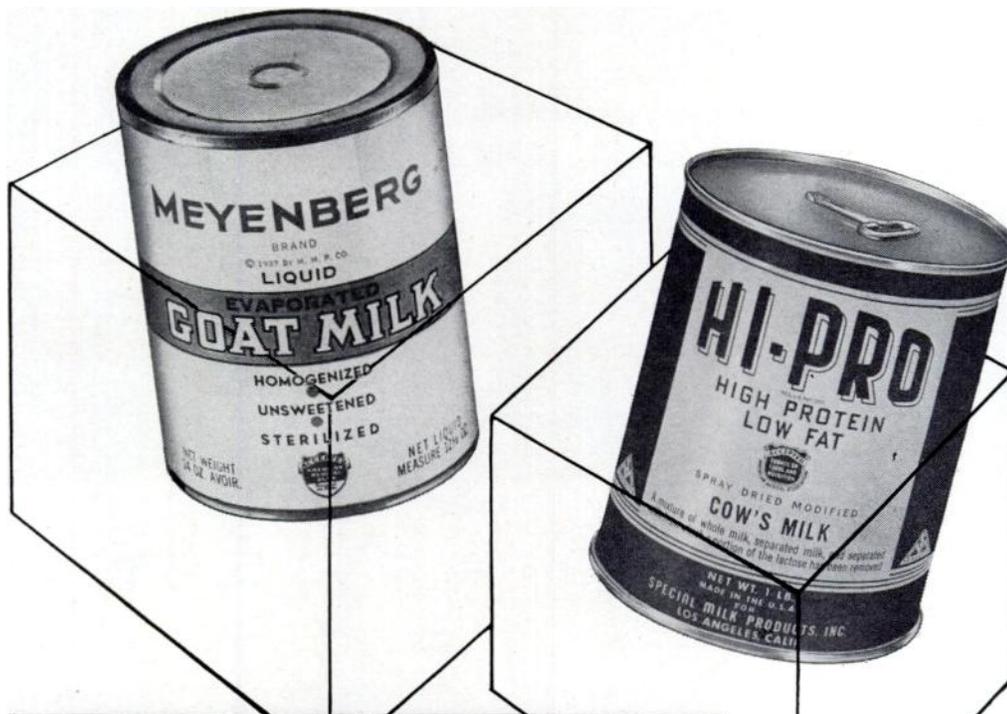
1. Sebrell, W. H., Jr.: Trends and Needs in Nutrition, J.A.M.A. 152:42 (May 2) 1953.
2. Flour and Bread Enrichment, 1949-50: Prepared by The Committee on Cereals, Food and Nutrition Board, National Research Council, 1950.

3. Data furnished by the Laboratories of the American Institute of Baking, Chicago, Illinois.
4. Sherman, H. C.: Chemistry of Food and Nutrition, ed. 8. New York, The Macmillan Company, 1952, pp. 212; 597-600; 646.

AMERICAN BAKERS ASSOCIATION

20 NORTH WACKER DRIVE • CHICAGO 6, ILLINOIS

In answering advertisements please mention PEDIATRICS.



TWO CORNERSTONES

of infant formulae

MEYENBERG EVAPORATED GOAT MILK has been prescribed by physicians since 1934 as a superior natural milk for patients allergic to Cow's Milk Lactalbumin. By specifying Meyenberg, you make certain of prescription-quality Grade A goat milk, sterilized after sealing in special vacuum packed enamel-lined cans. Available in 14 oz. cans at all pharmacies.

HI-PRO: SPECIALLY PREPARED SPRAY DRIED MODIFIED COW'S MILK to provide maximum protein levels without excessive fats or carbohydrates. A flexible basic milk food of exceptional value in the feeding of the infant with fat intolerance, for the premature or for routine feeding. **CONTAINS PROTEIN 41% - FAT 14%.** Available in 1 lb. vacuum tins at all pharmacies.

SEND FOR SAMPLES AND LITERATURE.



In answering advertisements please mention PEDIATRICS.

for Infantile Eczema



*Prigmatar**

'Prigmatar' offers definite advantages in the treatment of simple infantile and seborrheic eczemas:

1. 'Prigmatar' often brings youngsters relief from intense itching and burning, and accompanying restlessness. Its superior oil-in-water emulsion base quickly penetrates and softens dry flakes and crusts.
2. 'Prigmatar' is mildly keratolytic; its active ingredients promote rapid regeneration of affected tissues through gentle stimulation.
3. 'Prigmatar' is safe and non-toxic. Exacerbations and reactions to therapy are rarely encountered. In very young infants, and in more acute eczemas, 'Prigmatar' should be diluted with a small amount of water. ('Prigmatar' should not be applied to acute, pustulous lesions.)
4. 'Prigmatar' is easy to apply and remove. Unlike many preparations containing tar, it has no disagreeable odor. It is not greasy and will not stain clothing or linens.

'Prigmatar'

Highly effective in an unusually wide range of common skin disorders . . . of infancy and childhood

Smith, Kline & French Laboratories, Philadelphia

*T.M. Reg. U.S. Pat. Off.

In answering advertisements please mention PEDIATRICS.

xxxvii



DOCTORS:

here are the reasons

WHY FINE, WEE WALKER SHOES ARE SO INEXPENSIVE!

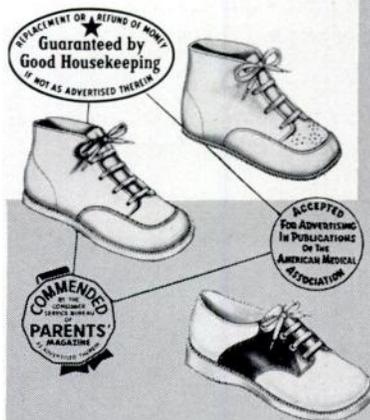
"The answer is easy, Doctor! Wee Walkers are the only product of the nation's largest baby shoe factory.

"TWO IMPORTANT FACTORS create savings which reduce Wee Walker shoe prices.

They are: specialized, volume production of a single item under one roof; PLUS the economy of mass distribution, through 4,500 chain stores, known for better values.

"Mothers benefit from this system, by getting fine quality leather, proper fitting infant shoes, at lowest cost. In this way, they can afford to change baby's shoe size every 4 to 8 weeks as doctors recommended."

For 30 years, the Moran Shoe Company's prime objective has been to manufacture fine infant shoes, for normal, healthy feet. We feel the physician, not the shoe salesman, should prescribe "corrective" shoes when necessary.



REPLACEMENT OR REFUND OF MONEY
Guaranteed by
Good Housekeeping
IF NOT AS ADVERTISED THEREIN

ACCEPTED
FOR ADVERTISING
IN PUBLICATIONS
OF THE
AMERICAN MEDICAL
ASSOCIATION

COMMENDED
BY
PARENTS'
MAGAZINE

FREE BOOKLET... WRITE TODAY!

Get this interesting booklet for distribution to mothers. Contains valuable information on infant foot care, and special chart to measure size needed.

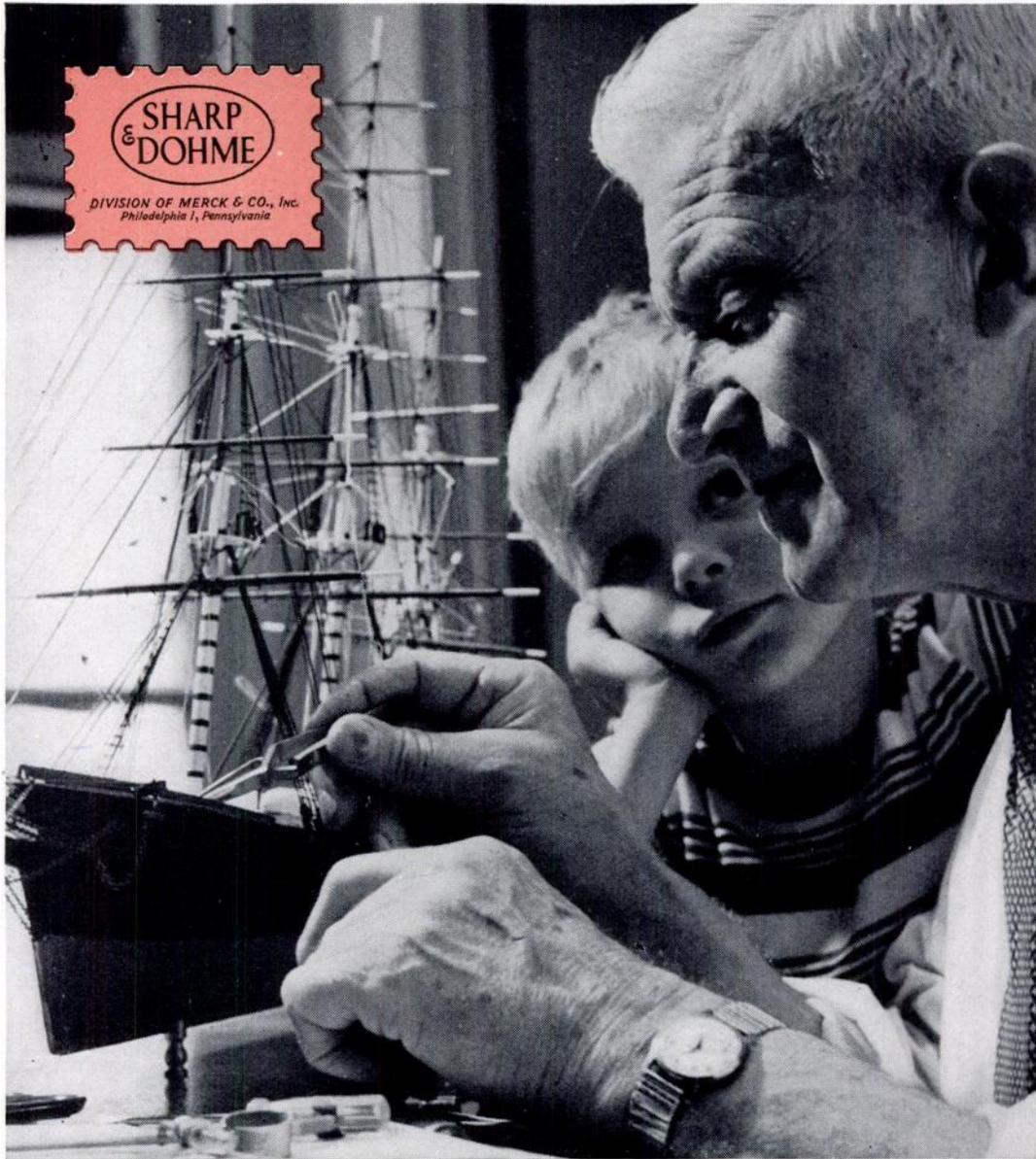
Moran Shoe Co., Dept. R-1, Carlyle, Ill.

CRIB TO AGE THREE

Where your patients can buy Wee Walker Shoes...

S. S. Kresge Stores	W. T. Grant Co.	J. J. Newberry Co.
S. S. Kresge Ltd.	McCrary Stores	McLellan Stores
(Canada)	H. L. Green Co.	W. W. Mac Stores
Montgomery Ward	Haffner's Stores	Van H. Priest Stores
C. R. Anthony Co.	Hested Stores	Redford Stores
Autenreith Dollar Stores	Index Notion Stores	Tomás Rodriguez & Hno.
Barnett-Levey Co.	Karl's Shoe Stores	(Puerto Rico)
Charles Stores	M. H. King Co.	Schultz Bros. Co.
Christo's Stores	M. N. Landau Stores	Skogmo Stores
Cornet Stores	Levine's Inc.	Sprouse-Reitz Co.
D. & C. Stores	Lincoln Stores	T. G. & Y. Stores
Danner Bros. Co.	E. M. Lovelady Stores	Tresslar's Stores
Diamond Stores	J. M. McDonald Co.	Union Supply Co.
Dixieland Stores	Mack's Stores	U. S. 5 & 10c Stores
A. L. Duckwall Stores	Mattingly Bros. Co.	G. F. Wacker Stores
Duke & Ayres Stores	Morgan & Lindsey Co.	Gamble-Western Stores
Eagle Stores	E. B. Mott Stores	Winn's Stores Co.
V. J. Elmore Stores	S. E. Nichols Co.	Wood's 5 & 10c Stores
Gamble Stores	Perry Bros. Co.	W. G. Woodward Stores
Graham Dept. Stores		Yellow Front Stores

In answering advertisements please mention PEDIATRICS.



PHOTOGRAPH BY PAUL RADKAI

From 6 to 60... the preferred dosage form

REDISOL.

CRYSTALLINE VITAMIN B₁₂

ACTIONS AND USES: REDISOL offers the versatile vitamin B₁₂ in all the practical dosage forms. The soluble tablets are a convenient oral dosage for therapy in certain cases of anemia (such as nutritional macrocytic anemia). Children like to take REDISOL Elixir, and it is particularly useful for compounding prescriptions. REDISOL Injectable provides more potent dosage strengths for use in selected anemias and for the relief

of pain in certain neuritic conditions (such as trigeminal neuritis), and also in some vascular disorders.

SUPPLIED: In many forms—REDISOL Tablets, 25 and 50 mcg. in bottles of 36 and 100. REDISOL Injectable, 30 and 100 mcg. per cc. in 10 cc. vials—and now 1,000 mcg. per cc. in 1 cc. vials. Elixir, 5 mcg. per 5 cc. in pint SPASAVER® and gallon bottles.

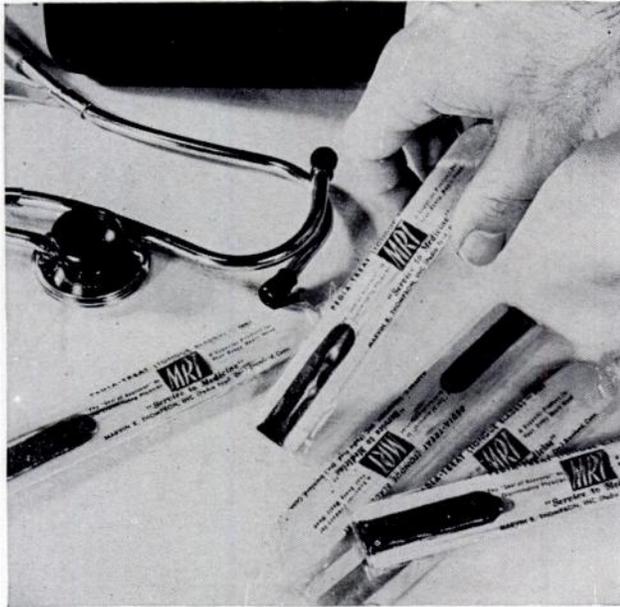
In answering advertisements please mention PEDIATRICS.

PEDIA-TREAT—MRT

Candied TONGUE DEPRESSORS

candied with pure sugar and water plus flavoring

for the "little patient"



- sanitary
- economical
- convenient
- assorted flavors
- individually wrapped

Pedia-Treats are a happy solution for both the patient and physician.

Pedia-Treats do double duty by providing a treat with a treatment.

Pedia-Treats smooth the way for an easier, much faster examination.

AVAILABLE IN BOXES OF 80'S AND CARTONS OF 12 BOXES.

From Your Surgical Supply House

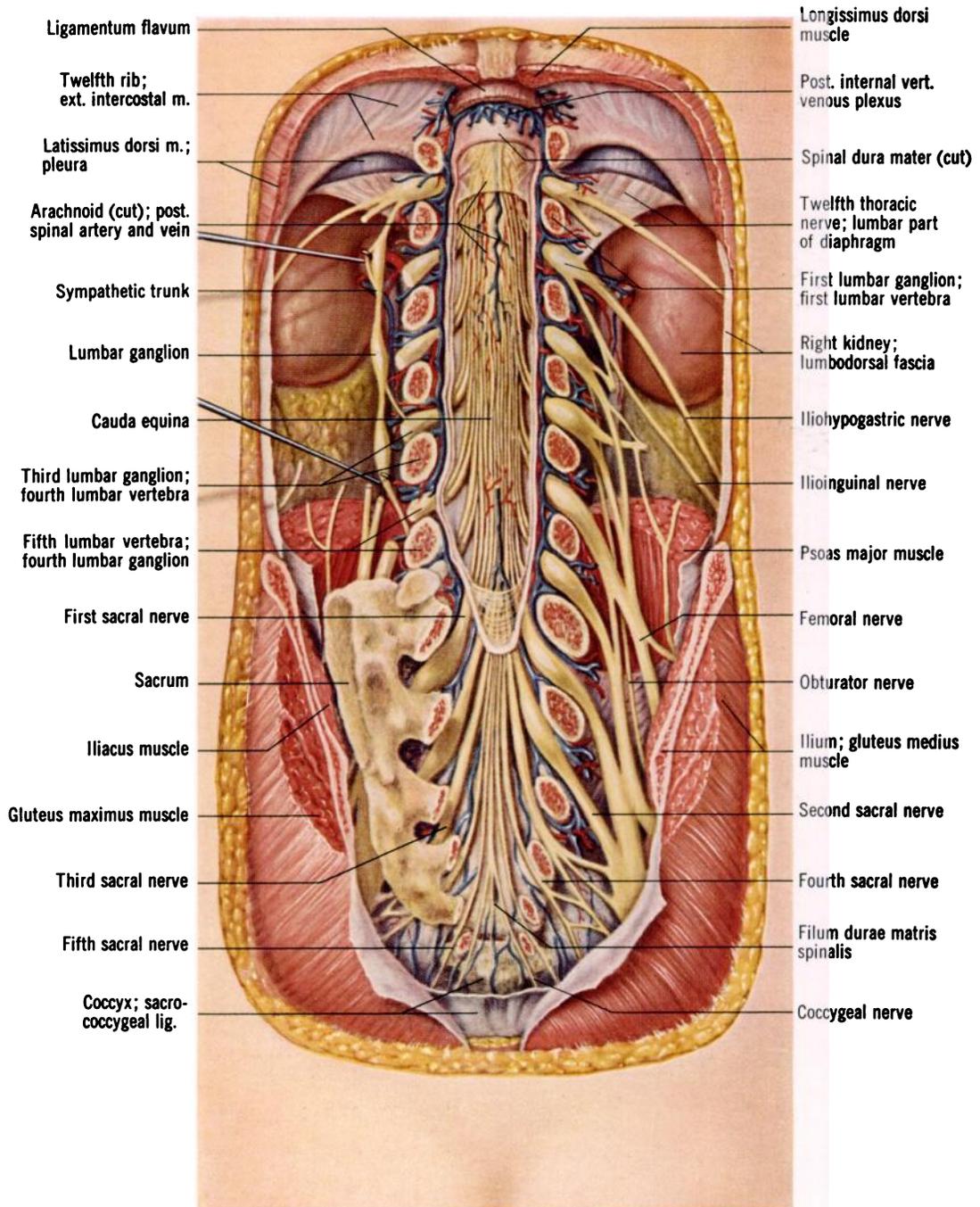


Marvin R. Thompson, Inc., Stamford, Conn.
Pedia Products Division

In Canada—Wingate Chemical Co., Ltd., Montreal, Canada

In answering advertisements please mention PEDIATRICS.

Lumbar *and* Sacral Regions of the Spinal Cord



This is one of a series of paintings for Lederle by Paul Peck, illustrating the anatomy of various organs and tissues of the body which are frequently attacked by infection, where aureomycin may prove useful.



*A wide variety of infections
of the spine are caused
by organisms susceptible to*

Aureomycin

HYDROCHLORIDE CRYSTALLINE

*This antibiotic is therapeutic
for such infections,
including chronic osteomyelitis
of the pelvis and sacrum.
It is also useful as a
prophylactic prior to surgery.*

LEDERLE LABORATORIES DIVISION

AMERICAN Cyanamid COMPANY

30 Rockefeller Plaza, New York 20, N. Y.

Do you have all the facts on these



*Important
Anticonvulsants*

TRIDIONE[®]

(Trimethadione, Abbott)

First successful synthetic agent—now agent of choice—for the symptomatic control of *petit mal*, myoclonic jerks and akinetic seizures.

PARADIONE[®]

(Paramethadione, Abbott)

Homologue to TRIDIONE. An alternate preparation which is often effective in cases refractory to TRIDIONE therapy. For treatment of the *petit mal* triad.

GEMONIL[®]

(Metharbital, Abbott)

A new drug of low toxicity for *grand mal*, *petit mal*, myoclonic and mixed seizures. Effective in conditions symptomatic of organic brain damage.

PHENURONE[®]

(Phenacemide, Abbott)

A potent anticonvulsant for psychomotor epilepsy, *grand mal*, *petit mal*, and mixed seizures. Often successful where all other forms of therapy have failed.

These are names to remember. Each, in turn, has signaled a dramatic advance in the field of anti-epileptic medicine. Used properly, discreetly, these four drugs will add inestimably to the scope and progress of your treatment of various epileptic disorders. Write us today for literature on any or all of these important anticonvulsants. Abbott Laboratories, North Chicago, Illinois.

Abbott

PROGRESS IN ALLERGY

III

Edited by **PAUL KALLÓS**, Helsingborg
572 pages, 89 figures, 64 tables, 1 colored plate. 1952. \$16.50

Contents

- Introduction. By *P. Kallós*, Helsingborg
- Allergy in Children. By *M. Murray Peshkin*, New York, N.Y.
- Bronchial Asthma. By *Leon Unger*, Chicago, Ill.
- Bronchial Asthma Due to Food Allergy. By *Albert H. Rowe*, Oakland, Calif.
- The Infective Factor in Asthma and Rhinitis. By *David Harley*, London
- Die Pneumometrie. Eine Methode zur quantitativen Beurteilung asthmatischer Zustände. Von *F. Wyß* und *W. Hadorn*, Bern
- Cardio-Vascular Allergy. By *Joseph Harkavy*, New York, N.Y.
- Chemical Investigations on Ergot Alkaloids. By *Arthur Stoll*, Basel
- Allergy, the Autonomic Nervous System and Ergot Alkaloids. By *E. Rothlin* and *R. Bircher*, Basel
- The Use of Ergot Derivatives in Prophylaxis and Therapy of Migraine. By *P. Kallós* and *Liselotte Kallós-Deffner*, Helsingborg
- Drug Allergy. By *Ethan Allan Brown*, Boston, Mass.
- Sedormid Purpura: An Immunological Study of a Form of Drug Hypersensitivity. By *J. F. Ackroyd*, London

Vol. II: VIII + 356 pages, 50 figures, 37 tables. 1949. \$9.00

BASEL 11 (Switzerland)

S. KARGER

NEW YORK

In answering advertisements please mention PEDIATRICS.



*HEALTHY APPETITE
...HAPPY CHILD*



MULTI-BETA[®] B₁₂ DROPS

Each 1cc. (20 drops) contains:

Crystalline Vitamin B ₁₂	10 mcg.
Thiamine hydrochloride.....	2.5 mg.
Riboflavin.....	2.0 mg.
Nicotinamide.....	10 mg.
Pyridoxine hydrochloride.....	0.15 mg.
Calcium pantothenate.....	0.2 mg.

Freely soluble in milk, fruit juice, formulas. 15 cc. and 50 cc. bottles, with dropper.

WHITE LABORATORIES, INC., KENILWORTH, N. J.

In answering advertisements please mention PEDIATRICS.

restore free breathing...



In the common cold, rhinitis syndromes, and hay fever 'Vasoxyl' Intranasal quickly dispels hyperemia and edema of the nasal mucosa, thus restoring patency of the passages and making for good ventilation.

'Vasoxyl' Intranasal

brand
METHOXAMINE HYDROCHLORIDE 0.25% SOLUTION

Bottles of 1 fl. oz.,
with separate dropper,
and 1 pint

*is not irritating, even
to infants;*

■ *is most unlikely to
give rise to secondary
engorgement;*

■ *does not inhibit cilia;*

■ *does not cause
central stimulation or
sleeplessness.*



Burroughs Wellcome & Co. (U.S.A.) Inc., Tuckahoe 7, N. Y.

In answering advertisements please mention PEDIATRICS.

SUMMARY AND CONCLUSIONS

One hundred forty-seven patients with superficial infections of the skin were treated with "polycin," an ointment containing a mixture of polymyxin B sulfate and bacitracin.

Only three patients in the present series failed to respond to treatment. Bacteriological studies showed that "polycin" was especially effective in controlling lesions harboring both Gram-positive and Gram-negative organisms.

The low rate of sensitization so far observed makes the ointment an ideal preparation for topical use.

Although 75 patients were treated for bacterial infections superimposed on other skin diseases, in no instance did "polycin" excite or aggravate the primary condition.

Gastineau, F.M., and Florestano, H.J.: Clinical Experience with "Polycin," A Polymyxin-Bacitracin Ointment, *Arch. Dermatol. & Syphilol.* 66:70 (July) 1952.

THE FIRST POLYMYXIN- BACITRACIN PREPARATION FOR TOPICAL INFECTIONS

Polycin Ointment

The effectiveness of polymyxin and bacitracin combined for topical use was clinically established with Polycin Ointment. Now, for added flexibility of treatment measures, this potent antibiotic combination is available in two new, convenient forms...Polycin Liquid and Polycin Soluble Tablets.

PITMAN-MOORE COMPANY

Polycin Liquid

For dropper administration in skin or mucous membrane infections, especially when caused by mixed organisms or *Ps. aeruginosa*. Special base permits exceptional diffusion of antibiotics.

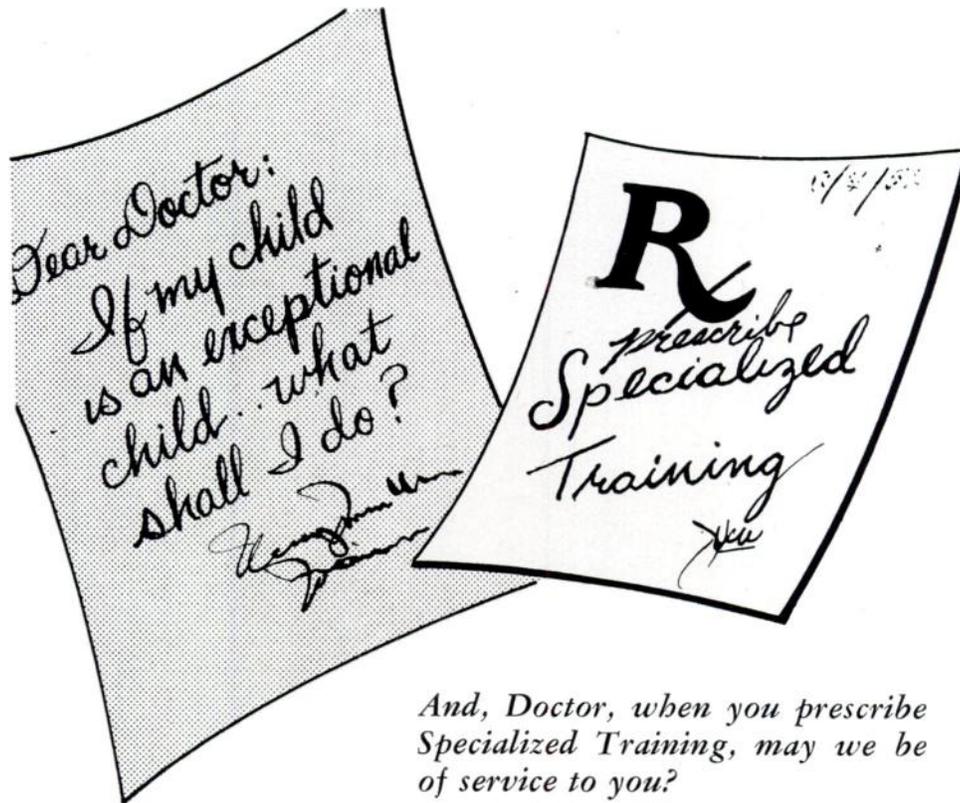
Polycin Soluble Tablets

For extemporaneous antibiotic concentrations, used in wet dressings, sprays, irrigations. Tablets dissolve readily in water or normal saline...may also be crushed and mixed with powders for dusting or insufflation.

Samples and literature available on request.

Pharmaceutical and Biological Chemists
Division of Allied Laboratories, Inc.
INDIANAPOLIS 6, INDIANA

In answering advertisements please mention PEDIATRICS.



And, Doctor, when you prescribe Specialized Training, may we be of service to you?

The Brown Schools is composed of seven separate residence centers, exclusive private schools offering specialized programs of education and re-education for children of all ages with educational and emotional problems.

Suburban and ranch locations in ideal year-round climate; our experienced resident staff of physicians, psychologists, and psychiatrists provides the ultimate in care and understanding of individual cases. Descriptive literature mailed on request.

Address inquiries to:
MRS. NOVA LEE DEARING, REGISTRAR
P.O. BOX 4008-D
AUSTIN, TEXAS



The Brown Schools

BERT P. BROWN, President

In answering advertisements please mention PEDIATRICS.



what's the best style in children's shoes?

We think it's a good question . . . and, since we've asked it, we'd like to give you *our* answer!

The best style we know is the right size.

Because we believe this so strongly, Stride Rite has devoted 35 years to the development of proven lasts to fit almost every type of normal growing foot . . . and has placed further emphasis on fit by making these fine shoes in all sizes and widths for every year of childhood.

And Stride Rites are *fitted* by dealers who share our belief . . . dealers trained in judging the exact size and width best suited to each of their small customers.

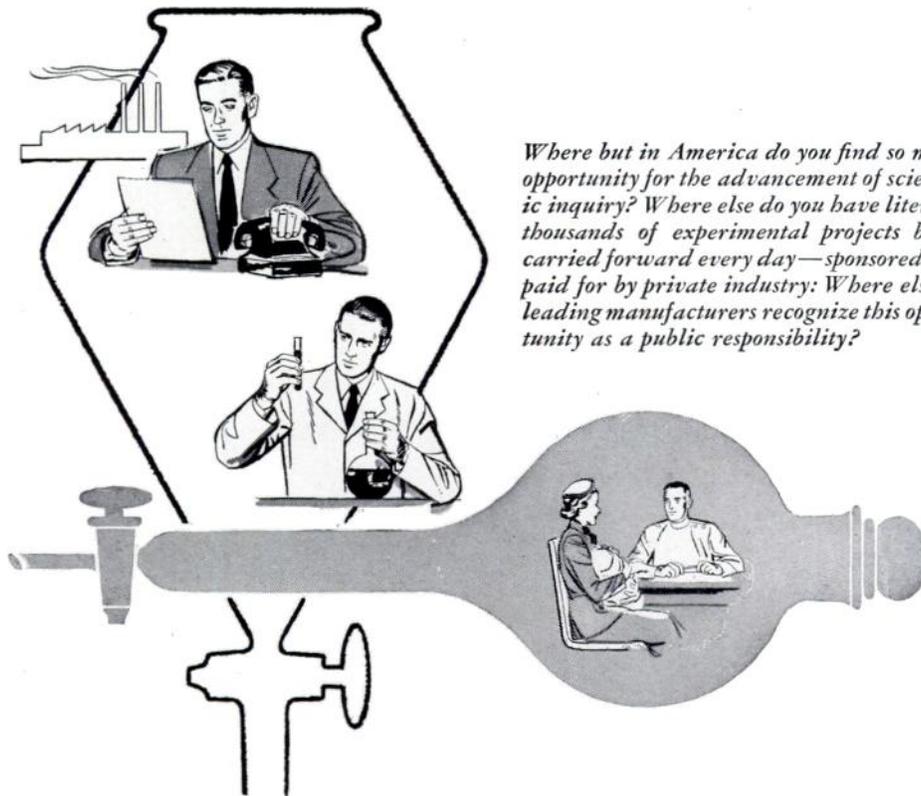
Most doctors who know Stride Rites recommend them.

THE
STRIDE RITE
SHOE

DOCTOR:

*If you are not already familiar with Stride Rites and Stride Rite Shoes with Extra Support, write:
Green Shoe Mfg. Co., 960 Harrison Ave., Boston, Mass.*

In answering advertisements please mention PEDIATRICS.



Where but in America do you find so much opportunity for the advancement of scientific inquiry? Where else do you have literally thousands of experimental projects being carried forward every day—sponsored and paid for by private industry: Where else do leading manufacturers recognize this opportunity as a public responsibility?

WHERE...but in AMERICA

It is this kind of cooperation between science and industry that helps make possible improved programs of prenatal care, lower infant mortality rates, higher standards of hygiene and nutrition, better facilities for professional training, and the many other achievements that have contributed to the highest level of public health in the world.

It is this kind of cooperation, too, that helps safeguard a social, economic, and political environment in which both the practice of medicine and the growth of industry can best flourish. It is this kind of cooperation that has made Pet Milk foremost with so many of the nation's pediatricians. PET MILK COMPANY, ARCADE BUILDING, ST. LOUIS 1, MISSOURI.



YOUR SPECIFIC RECOMMENDATION can assure that the babies in your care will get the brand of milk that merits your confidence and support . . . the milk with more years of experience behind it than any other . . . the milk that stands for and aids scientific research and development work . . . Pet Evaporated Milk.

In answering advertisements please mention PEDIATRICS.