



The first and last
instruction mothers see
when they use
St. Joseph Aspirin
For Children

“Preferred”



A doctor writes, "My patients prefer St. Joseph Aspirin For Children." Indeed, doctors as well as patients prefer St. Joseph Aspirin For Children. Doctors prefer it because the 1 1/4 grains of highest quality aspirin is the dosage most widely accepted in childhood administration. Children prefer it because of its pleasant orange flavor and smooth, creamy texture. And mothers prefer it because children take it willingly.

Physicians are finding St. Joseph Aspirin For Children:

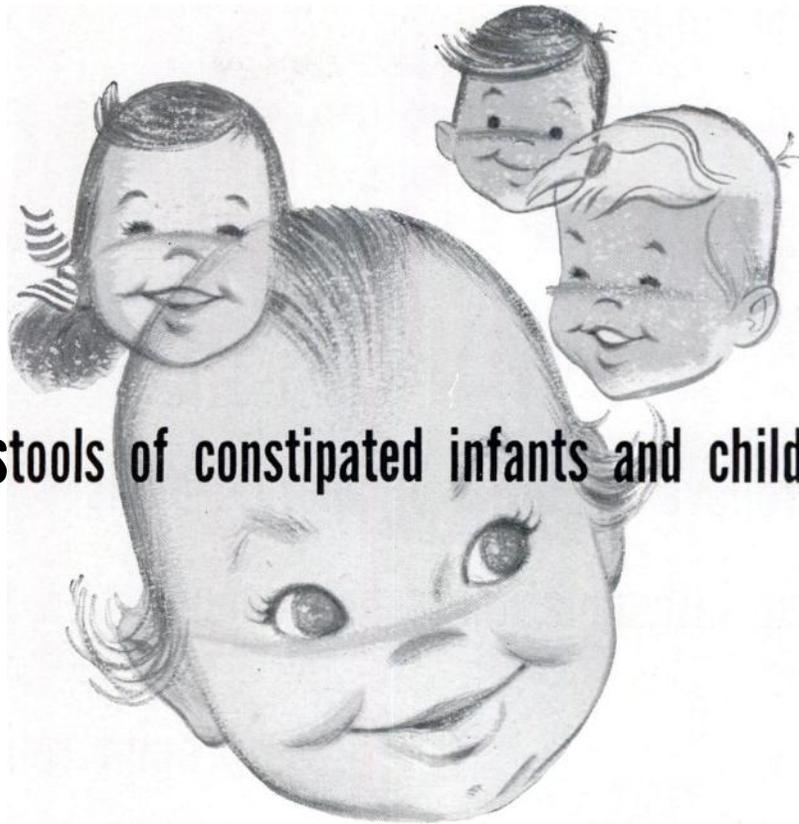
- 1** *Easy to give*
- 2** *Pleasant to take*
- 3** *Therapeutically Effective*



A Palatable Aspirin Tablet of Unique Excellence



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



softens stools of constipated infants and children

BY DIETARY MEANS

Malt Soup Extract gently softens hard, dry stools by natural, physiologic means. Laxative action is due to high maltose content and barley grain extractives. Promotes growth of favorable aciduric intestinal flora and provides mild peristaltic stimulation.

Malt Soup Extract is effective, non-habit forming, and safe for infants and children of all ages—as confirmed by medical literature and clinical use for over 45 years.

FOR INFANTS: Just add one or two tablespoonfuls routinely to the day's formula, or in water for breast-fed infants. Prompt results, even in stubborn cases.

FOR CHILDREN: One or two tablespoonfuls with breakfast and at bedtime, by spoon or in milk. Makes a delicious "malting" drink.

 now 2 forms

*Specially processed non-diastatic barley malt extract neutralized with potassium carbonate.
 LIQUID: In 8 oz. and Pt. jars. POWDER: In 8 oz. and 16 oz. jars (use heaping measure).



Borchardt
MALT SOUP
*Extract**



BORCHERT COMPANY • 217 N. Wolcott Ave., Chicago 12, Ill.

SEND FOR SAMPLES

In answering advertisements please mention PEDIATRICS.

This One



0U8A-X19-TNCX

introducing . . .

'CORTISPORIN'[®] OTIC DROPS *Sterile* brand

to relieve bacterial or allergic otitis
when inflammation is prominent



gives prompt relief of:
inflammation,
edema,
exudation,
pruritus,
pain,
and early eradication of:
gram-positive and
gram-negative bacteria

containing: 'Aerosporin'[®] Sulfate
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and Hydrocortisone (free alcohol).

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

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CONTENTS

(Contents continued from p. iii)

Studies in Sickle Cell Anemia. VII. Blood Volume Relationships and the Use of a Plasma Extender in Sickle Cell Disease in Childhood: A Preliminary Report— <i>Melvin E. Jenkins, M.D., Roland B. Scott, M.D., and Angella D. Ferguson, M.D.</i>	239
Erysipelatous Skin Necrosis in a Newborn Infant Caused by Lethal Toxin of Staphylococcic Origin— <i>Irving F. Burton, M.D., and Allen Sosin, M.D.</i>	249
Brain Tissue in the Nose and Throat— <i>Niels L. Low, M.D., Labe Scheinberg, M.D., and Dorothy H. Andersen, M.D.</i>	254
SPECIAL ARTICLE	
Atresia of the Vagina in Infancy— <i>Robert H. Whittlesey, M.D., Mohammad Atik, M.D., and James C. Jones, M.D.</i>	260
REVIEW ARTICLE	
Iron Metabolism. A Review with Special Consideration of Iron Requirements During Normal Infancy— <i>Phillip Sturgeon, M.D.</i>	267
COMMENTARY	
Iron Metabolism— <i>Irving Schulman, M.D.</i>	299
CONTRIBUTOR'S SECTION	
Education— <i>Grover F. Powers, M.D., Contributing Editor</i> —A Plan for Correlated Teaching of Basic Pediatric Pathology During Pediatric Clinical Clerkships— <i>Tyree C. Wyatt, M.D., and William D. Alsever, M.D.</i>	301
AMERICAN ACADEMY OF PEDIATRICS	
Proceedings—New Techniques in the Diagnosis and Treatment of Megaloureters— <i>Orvar Swenson, M.D., and John Herbert Fisher, M.D.</i>	304
—The Role of Genetics and Other Prenatal Factors in Disorders of Children— <i>Josef Warkany, M.D., and F. C. Fraser, M.D.</i>	314
—Pediatric Gynecology and Endocrinology— <i>Robert B. Greenblatt, M.D., and James W. Bennett, M.D.</i>	318
—The Role of the Pediatrician in the Mental Health of Children— <i>R. E. Wolf, M.D., and Hugo Dunlap Smith, M.D.</i>	323
Obituary— <i>Isaac Arthur Abt—1867-1955—Arthur F. Abt, M.D.</i>	327
LETTER TO THE EDITOR	336
NEWS AND ANNOUNCEMENTS	337
BOOK REVIEWS	340
NEW PUBLICATIONS RECEIVED	344

The American Academy of Pediatrics

TWENTY-FIFTH ANNUAL MEETING

October 8 to 11, 1956

Hotel Statler

New York City

SPRING SESSION

April 1 to 3, 1957

Sheraton-Park Hotel

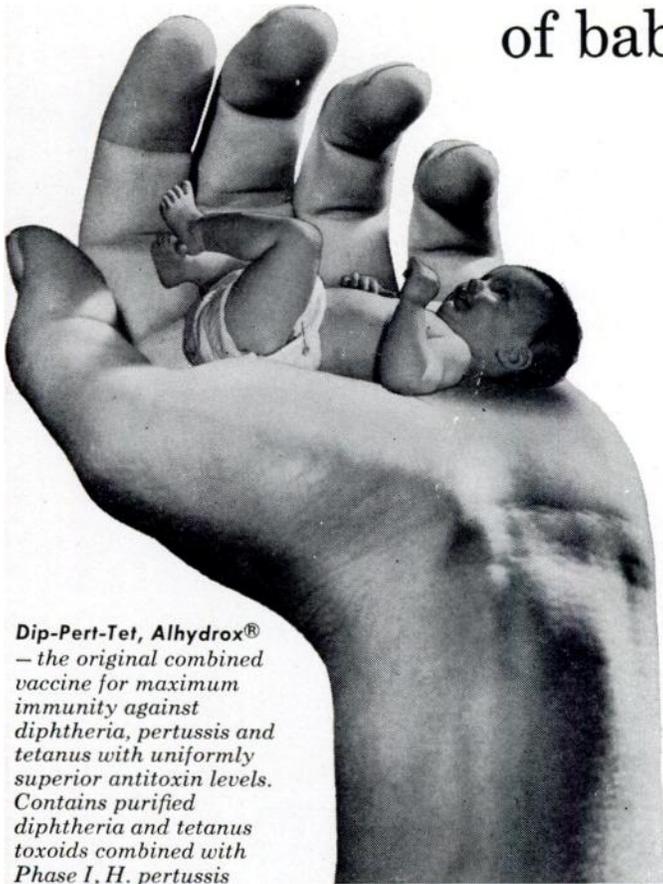
Washington, D.C.

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“a
 thimbleful
 of dosage
 for a handful
 of baby”



Dip-Pert-Tet, Alhydrox®
 — the original combined
 vaccine for maximum
 immunity against
 diphtheria, pertussis and
 tetanus with uniformly
 superior antitoxin levels.
 Contains purified
 diphtheria and tetanus
 toxoids combined with
 Phase I, H. pertussis
 organisms for simultaneous
 immunization. Alhydrox
 (aluminum hydroxide) is
 added to delay absorption.
 Try it and you'll see
 why there is only one
 Dip-Pert-Tet, Alhydrox.

2.5 cc. Hypertussis eliminates massive dosage in whooping cough treatment or passive prevention. A crystal-clear homologous protein, 2.5 cc. Hypertussis contains the gamma globulin equivalent of 25 cc. of human hyper-immune serum. This specific anti-pertussis fraction is concentrated 10-fold to obviate the pain and inconvenience associated with massive dosage — giving you the advantage of “a thimbleful of dosage for a handful of baby.”

Hypertussis will not interfere with the use of antibiotics where they may be indicated.

2.5 cc. Hypertussis is supplied in 2.5 cc. (one dose) vials, ready for immediate intramuscular injection.

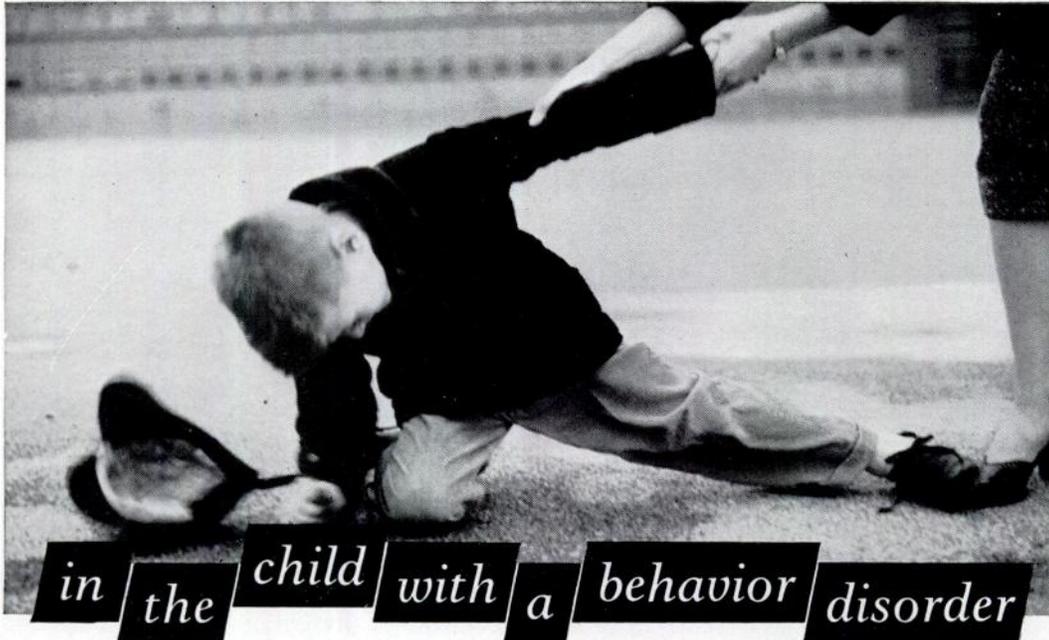
for whooping cough
 prophylaxis and
 treatment specify

2.5 cc. HYPERTUSSIS®

(anti-pertussis serum-human)



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THORAZINE*

reduces hyperactivity and aggressiveness

decreases anxiety and hostility

improves mood, behavior and sleeping habits

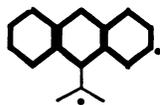
establishes accessibility to guidance or psychotherapy

increases amenability to supervision

FACTS TO BEAR IN MIND Even though the dramatic calming effect of 'Thorazine' on belligerent, overactive children may give the impression of a cure, simultaneous supportive counseling and guidance are necessary if lasting benefits are to be assured.

Adequate 'Thorazine' dosage for certain seriously disturbed youngsters will sometimes exceed 50-100 mg. t.i.d.

'Thorazine' is available in ampuls, tablets and syrup (as the hydrochloride), and in suppositories (as the base).



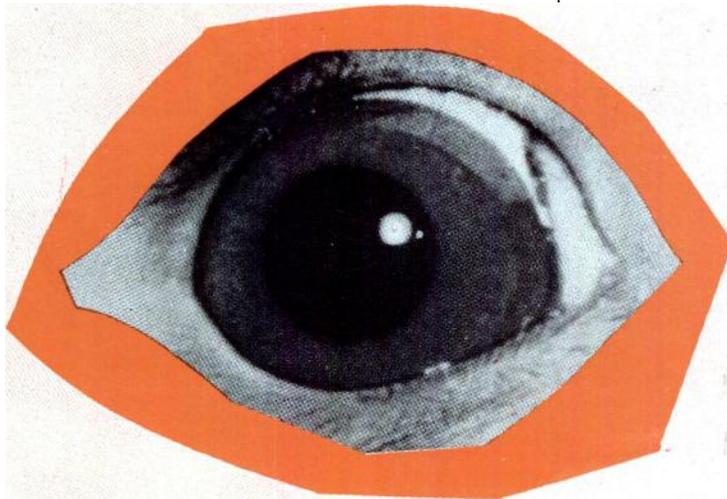
Smith, Kline & French Laboratories, Philadelphia

*T.M. Reg. U.S. Pat. Off. for chlorpromazine, S.K.F.

In answering advertisements please mention PEDIATRICS.

does not burn or irritate the eyes

PROOF



No evidence of irritation after introduction of Johnson's Baby Shampoo into conjunctival sacs of rabbits three times daily for 15 days.

- nonsensitizing, hypoallergenic
- combats scaling, crusting, cradle cap
- cleanses thoroughly—rinses completely

bettering baby care through specialized research

BABY PRODUCTS DIVISION

Johnson & Johnson



00856

Combined for a
on
resistant

New

METRETON *tablets*

METICORTEN (PREDNISONE) PLUS CHLOR-TRIMETON WITH ASCORBIC ACID

For prompt and effective relief, especially in many resistant allergic disorders, METRETON affords the benefits of two established agents with unexcelled anti-inflammatory, anti-allergic and antipruritic effectiveness. supported by essential vitamin C—for stress support and for postulated effect on prolonging steroid action no better corticosteroid—original brand of prednisone...minimal electrolyte effects—METICORTEN no better anti-histamine—unexcelled in potency and freedom from side effects—CHLOR-TRIMETON effective against hay fever, pollen asthma, perennial rhinitis, acute and chronic urticaria, angioneurotic edema, drug reactions, inflammatory and allergic eye disorders, pruritic and contact dermatoses.

formula: Each tablet of METRETON provides 2.5 mg. of METICORTEN (prednisone), 2 mg. of CHLOR-TRIMETON maleate (chlorprophenpyridamine maleate), and 75 mg. ascorbic acid.

supplied: METRETON Tablets, bottles of 30 and 100.

frontal attack

allergies

new

METRETON *Nasal spray*

METICORTELONE (PREDNISOLONE) PLUS CHLOR-TRIMETON

quickly clears nasal passages • avoids rebound engorgement and sympathomimetic side effects • safe even for cardiacs, hypertensives, children, pregnant patients •

Composition: Contains 2 mg. (0.2%) METICORTELONE acetate (prednisolone acetate) and 3 mg. (0.3%) of CHLOR-TRIMETON gluconate (chlorphenpyridamine gluconate) in each cc.

Packaging: 15 cc. plastic "squeeze" bottle, box of 1.

METRETON,* brand of corticoid-antihistamine compound; METICORTEN,* brand of prednisone; METICORTELONE,® brand of prednisolone; CHLOR-TRIMETON,® brand of chlorphenpyridamine preparations. *T.M.

MT-J-876

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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.

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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 of 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.

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concentrated multivitamin formula

kiddies blossom



and bloom



until
they're
ready
for
delicious

PALADAC[®]

orange-flavored vitamin supplement

PARKE, DAVIS & COMPANY
DETROIT, MICHIGAN



“Loose Stools” the most frequent problem in infancy

Arobon®

Loose stools in infancy pose a common but vexing problem for every pediatrician and every mother. Symptoms may not reach the stage of watery diarrhea, yet may lead to a wide variety of annoying side effects. Loose stools may be readily controlled by Arobon without resorting to medications or drastic changes in formula.

Simply stir into the formula...pleasant tasting Arobon is not a drug...yet it is a most effective and safe antidiarrheal agent...no contraindications.

In specific diarrheas Arobon checks symptoms quickly, before physiologic effects become dangerous. An excellent aid when antibiotics are called for.

Arobon is derived from specially processed carob flour high in naturally occurring lignin, hemicellulose and pectin. It provides 2.7 calories per gram.

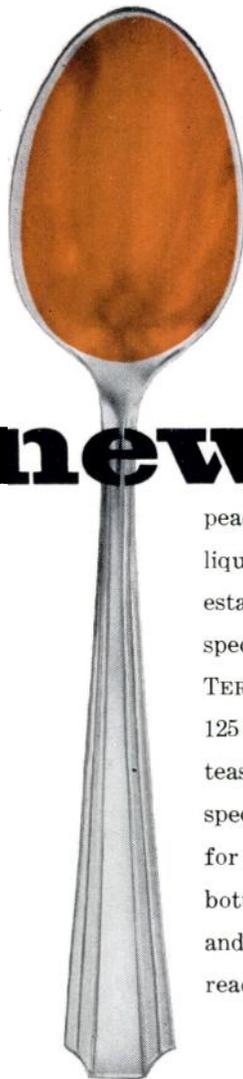
Composition	Per cent
Lignin, hemicellulose, pectin.....	22.0
Starch.....	15.0
Crude fiber.....	3.0
Soluble carbohydrates.....	50.5
Protein.....	3.5
Fat.....	0.5
Minerals.....	2.0
Moisture.....	3.5



Nestlé—A time-honored name in the field of infant nutrition

THE NESTLÉ COMPANY, INC.
Professional Products Division
White Plains, New York

In answering advertisements please mention PEDIATRICS.



new Peach-flavored,
peach-colored, newest
liquid form of the
established broad-
spectrum antibiotic...
TERRAMYCIN*†
125 mg. per 5 cc.
teaspoonful;
specially homogenized
for rapid absorption;
bottles of 2 fl. oz.
and 1 pint, packaged
ready to use.

Peaches provide the
delightful new taste in

TERRAMYCIN
BRAND OF OXYTETRACYCLINE **HOMOGENIZED MIXTURE**

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



†Brand of oxytetracycline

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to help you combat
iron deficiency
in infants...

**How Fer-In-Sol improved infants'
blood pictures**



Chart adapted from Niccum, Jackson and Stearns: A.M.A. Am. J. Dis. Child. 86: 553, 1954.

Mean hemoglobin determinations of infants on a predominantly milk diet receiving Fer-In-Sol. The Fer-In-Sol dose was 5 mg. of iron (0.2 cc.) per day at 3 months, increased to 10 mg. of iron (0.4 cc.) after 6 months of age.¹

Fer-In-Sol
Iron in a drop for infants and children

"Iron deficiency anemia has a peak incidence between six months and two and one-half years..."²

Smith and Rosello³ found that the peak incidence of iron deficiency in infants and children occurred between the ages of 6 and 24 months, when growth is most rapid. Sturgeon⁴ reports that published data indicate iron deficiency in infants is common. Although consuming normal diets, the majority of infants in the last half of the first year of life, and throughout the second year of life, "exist in relatively severe states of iron deficiency (30% or more depleted)."⁴

Nicum, Jackson and Stearns¹ found that prophylactic administration of Fer-In-Sol in small daily doses "was sufficient to maintain hemoglobin values at a constant level throughout the latter half of infancy in all full term infants"... resulted in significantly higher hemoglobin values than did ferric ammonium citrate... did not produce gastrointestinal disturbances.

FER-IN-SOL

Fer-In-Sol[®] provides a pleasant way to supply ferrous sulfate—a well tolerated, well absorbed and efficiently utilized form of iron. The vehicle is acidulous to improve absorption and utilization. The good taste of the solution makes it readily acceptable to young children. And tolerance is good.

Only 0.3 cc. of Fer-In-Sol supplies 7.5 mg. of iron—more than the Recommended Daily Allowance for children up to 4 years old. Fer-In-Sol is supplied in 15 cc. and economical 50 cc. bottles, with the new calibrated 'Safti-Dropper' of unbreakable plastic.

(1) Niccum, W. L.; Jackson, R. L., and Stearns, G.: A.M.A. Am. J. Dis. Child. 86: 553, 1954. (2) Smith, C. H.: Bull. New York Acad. Med. 30: 155, 1954. (3) Smith, N. J., and Rosello, S.: J. Clin. Nutrition 1: 275, 1953. (4) Sturgeon, P.: Pediatrics 13: 107, 1954.

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MEAD JOHNSON & COMPANY, EVANSVILLE 21, INDIANA, U.S.A.

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MEAD

In the critical first months of life



select the level of
vitamin protection
the baby needs

	Vitamin B ₁₂ (mcg.)	Biotin (mcg.)	Panthenol (mg.)	Pyridoxine (mg.)	Niacinamide (mg.)	Riboflavin (mg.)	Thiamine (mg.)	Ascorbic acid (mg.)	Vitamin D (units)	Vitamin A (units)
NEW with stable B ₁₂ Deca-Vi-Sol 10 nutritionally significant vitamins Each 0.6 cc. supplies:	1	30	3	1	10	1.5	1	50	1000	5000
Poly-Vi-Sol [®] 6 essential vitamins Each 0.6 cc. supplies:				6	0.8	1	50	1000	5000	
Tri-Vi-Sol [®] 3 basic vitamins Each 0.6 cc. supplies:						50	1000	5000		

Deca-Vi-Sol, Poly-Vi-Sol and Tri-Vi-Sol are

- highly stable—refrigeration not required
- readily accepted—exceptionally pleasant flavor, no unpleasant aftertaste
- full dosage assured—can be dropped directly into the baby's mouth. Supplied in 15 cc., 30 cc. and economical 50 cc. bottles.



Plastic 'Safti-Dropper'—unbreakable, calibrated—supplied with each bottle.



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it's easier to specify

Deca.



in the vital first decade

the **Deca Vitamin Family**

is easier to specify because

Deca—one basic family name to remember

Deca—one comprehensive formulation

10 nutritionally significant vitamins, including B₆ and stable B₁₂

Deca—one standard of truly comprehensive protection

Deca—3 convenient dosage forms—solution, emulsion, capsules



**solution for children
first 2 years**

Deca-Vi-Sol

**10 nutritionally significant
vitamins—dropper dosage**

Deca-Vi-Sol offers extensive vitamin protection in a highly stable, pleasant tasting solution. Refrigeration is not required.

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

Vitamin A.....	5000 units
Vitamin D.....	1000 units
Ascorbic acid.....	50 mg.
Thiamine.....	1 mg.
Riboflavin.....	1.5 mg.
Niacinamide.....	10 mg.
Pyridoxine HCl.....	1 mg.
Panthenol.....	3 mg.
Biotin.....	30 mcg.
Vitamin B ₁₂	1 mcg.



15, 30 and economical 50 cc. bottles with Mead unbreakable, calibrated plastic 'Safe-Dropper.'



**emulsion for children
2 to 6 years**

Deca-Mulcin®

**10 nutritionally significant
vitamins—teaspoon dosage**

The good orange flavor of Deca-Mulcin pleases preschool children. Parents appreciate free-flowing, nonsticky Deca-Mulcin. Refrigeration is not required.

Each teaspoonful (5 cc.) of Deca-Mulcin supplies:

Vitamin A.....	3000 units
Vitamin D.....	1000 units
Ascorbic acid.....	50 mg.
Thiamine.....	1 mg.
Riboflavin.....	1.5 mg.
Niacinamide.....	10 mg.
Pyridoxine HCl.....	1 mg.
Panthenol.....	3 mg.
Biotin.....	30 mcg.
Vitamin B ₁₂	3 mcg.



Pouring lip bottles of 4 and 8 oz.



**capsules for children
6 to 10 years**

Deca-Vi-Caps

**10 nutritionally significant
vitamins—convenient capsules**

Colorful, easy-to-swallow capsules for school-agers give well rounded vitamin protection during the years of rapid growth.

Each Deca-Vi-Caps capsule supplies:

Vitamin A.....	3000 units
Vitamin D.....	1000 units
Ascorbic acid.....	50 mg.
Thiamine.....	1 mg.
Riboflavin.....	1.5 mg.
Niacinamide.....	10 mg.
Pyridoxine HCl.....	1 mg.
Panthenol.....	3 mg.
Biotin.....	30 mcg.
Vitamin B ₁₂	3 mcg.

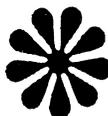


Bottles of 30.

Announcing

the newest member of
the **MEAD** family
of formula products



new
LIQUID **Olac.** 

**provides a balanced formula,
minimizes feeding problems**

New LIQUID OLAC is a convenient, ready-to-use form of OLAC, which for many years has enjoyed wide acceptance as a highly nutritious formula product in powdered form.

with all these advantages:

- Well tolerated
- Promotes sturdy growth and development
- Produces normal, formed stools
- No offensive regurgitation "after-smell."

**promotes sturdy growth...
without untoward effects**

In extensive clinical tests, babies fed LIQUID OLAC have characteristically shown excellent rates of growth . . . developed sturdy musculature and good tissue turgor. Only rarely has constipation, regurgitation, vomiting, loose stools or diarrhea occurred.

MEAD

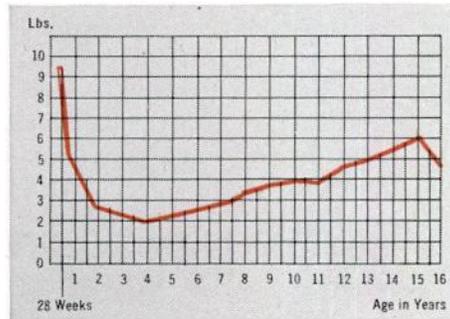
LIQUID Olac

is a nutritionally balanced formula

LIQUID OLAC is scientifically balanced for good nutrition and easy assimilation. Dextri-Maltose supplements the lactose of the milk to provide a balanced carbohydrate mixture for spaced absorption. Fat is provided as a single, highly refined vegetable oil. Protein is supplied in generous but safe quantities for

- sturdy growth and development
- strong bones
- good tissue turgor
- defense against infection

Growth rate in pounds gained per six months.¹



The average infant gains 14½ pounds in the first year of life, *equaling the gain of the next three years combined.* LIQUID OLAC supplies generous protein during this period of active growth. Note: Chart is a composite of weight gains for boys and girls. Peak of adolescent rise for girls will usually occur earlier than that of boys.

¹Lynch, H. D., et al: The "Submarginal" Child, GP, Vol. XI, No. 1, January, 1955. Chart based on figures from Dr. Harold C. Stuart, Harvard School of Public Health, Boston, Mass.

the MEAD formula family for routine feeding



services for you
Mead offers many services which will help you with infant feeding. Ask your Mead Representative.

easy to prepare
LIQUID OLAC is easily prepared simply by adding 1 part LIQUID OLAC to 1 part water for a formula supplying 20 calories per fluid ounce.

MEAD

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MEAD JOHNSON & COMPANY, EVANSVILLE 21, INDIANA, U.S.A.

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MEAD



in the management
of your food-sensitive
patients, specify

LIQUID **Sobee**[®]
hypoallergenic soya formula milk-free

a soybean protein food for sound nutrition

When you specify *Liquid Sobee*, the eczema and gastrointestinal disturbances caused by milk allergy are usually promptly relieved. These disturbances, when due to other food allergens, are also usually relieved by using *Liquid Sobee* as the basis of an elimination diet. *Liquid Sobee* is exceptionally well taken and well tolerated. Stools are satisfactory; diaper staining is no problem.

"Thermo-flash" sterilization gives *Liquid Sobee* a pleasant, bland flavor . . . attractive, light color . . . permits maximal preservation of amino acids and important B vitamins.

**In a study reported by Kane,* babies on
Sobee showed:**

Satisfactory growth and nutrition . . . 99% relief of
eczema, 90% relief of gastrointestinal and/or non-
dermatologic symptoms . . . excellent acceptance.

*From an exhibit by Sydney H.
Kane, M.D., at the American
Medical Association meeting,
Atlantic City, N. J., June 6-10,
1955.

MEAD

SYMBOL OF SERVICE IN MEDICINE

MEAD JOHNSON & COMPANY, EVANSVILLE 21, INDIANA, U. S. A.

In answering advertisements please mention PEDIATRICS.



"Delight", painted by Norman Rockwell to show baby's enjoyment of Swift's smoother meats.

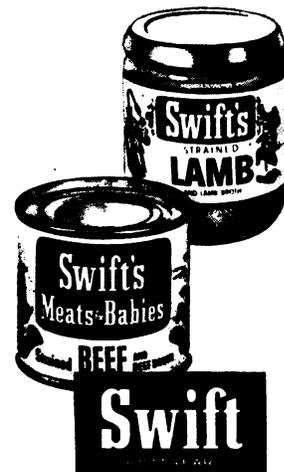
Swift's new smoother meats are easy to enjoy...easy to digest!

The smoother the first "solids", the better baby likes them.

That's why we've developed a special new process that makes Swift's Meats for Babies the *smoothest* ever. You can recommend them. Now they're strained creamy-soft . . . so fine they feel like velvet on baby's delicate tongue. They're easy to swallow, pre-digestible as milk.

Flavors are improved, too. They're more palatable . . . naturally *good*. And, most important, we make sure the high nutritional values of these fine 100% meats are carefully retained.

All 8 varieties of Swift's Meats for Babies and Swift's Egg Yolks are made to merit your confidence. They're our most precious product.



To Save Your Family Better

MEATS FOR BABIES
Swift's most precious product

In answering advertisements please mention PEDIATRICS.

NEW!

an ointment specifically formulated for treating inflammatory skin conditions...with or without bacterial infection

NEO POLYCYN-HC*

anti-inflammatory • antipruritic • antibacterial

Provides hydrocortisone...to stop inflammation and itching

plus

neomycin

bacitracin

polymyxin B

} to prevent or control bacterial infection

stabilized in the unique FUZENE® base that rapidly releases more medication

Two dosage forms

NEO POLYCYN-HC OINTMENT



Each gram contains:

Hydrocortisone acetate 10 mg. (1%)
Neomycin 3 mg.
Bacitracin 400 units
Polymyxin B 8000 units
5 Gm. tubes

* Trademark

NEO POLYCYN-HC OPHTHALMIC OINTMENT



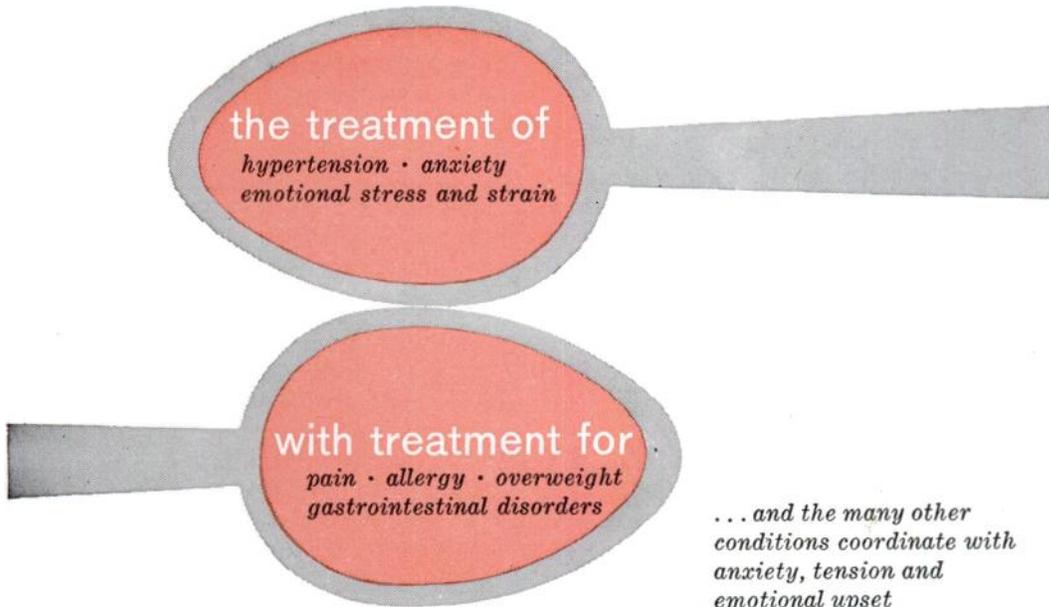
Each gram contains:

Hydrocortisone acetate 10 mg. (1%)
Neomycin 3 mg.
Bacitracin 500 units
Polymyxin B 10,000 units
in an anhydrous lanolin-petrolatum base
½ oz. tubes with applicator tip

PITMAN-MOORE COMPANY • Division of Allied Laboratories, Inc.
Indianapolis 6, Indiana

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when you must combine...



prescribe compatible

*pleasant-tasting
highly compatible liquid
compounded with ...
other agents
of your choice*

The antihypertensive and tranquilizing effects of Serpasil can now be easily combined with other agents that you may wish to prescribe simultaneously. Serpasil Elixir is compatible with many other medications, such as Pyribenzamine[®] citrate (tripelennamine citrate CIBA) Elixir, dextro-amphetamine sulfate elixir, codeine phosphate, ephedrine sulfate, and sodium salicylate.

Each 4-ml. teaspoonful of light green, lemon-lime flavored Serpasil Elixir contains 0.8 mg. of Serpasil.

C I B A
Summit, N. J.



2/22204

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WHAT IS COMPOCILLIN-V?

Compocillin-V is an oral suspension of the hydrabamine salt of penicillin V (phenoxymethyl penicillin). This penicillin is relatively insoluble in acid media, thus it is not inactivated by gastric secretions. For this reason, Compocillin-V will produce higher blood levels than were possible with oral penicillin G salts, on a dose-for-dose basis. And it's tasty. The appetizing, banana flavor and aroma of Compocillin-V Suspension appeals to children and adults alike. It's still penicillin—but your tongue never knows it.

INDICATIONS

Compocillin-V is indicated for the treatment of infections produced by penicillin-sensitive organisms in which oral penicillin therapy is known to be effective. Compocillin-V may also be used prophylactically before and after such procedures as tonsillectomy and dental extractions; in patients with a history of rheumatic fever; rheumatic heart disease, and other conditions where secondary infection is a recognized danger.

DOSAGE

The initial recommended dose in acute infections is one or two 5-cc. teaspoonfuls (300,000 units/5 cc.) every four to six hours. This should be altered according to the therapeutic response. For prophylactic use a dose of 300,000 units once or twice daily should be sufficient. Dosages for small children should be calculated according to age and weight.

An article published by the American Heart Association¹ stressed that the control of streptococcal infections is essential for the prevention of rheumatic fever and rheumatic heart disease. This may be accomplished by early and adequate treatment of streptococcal infections in all individuals and the prevention of streptococcal infections in patients who have had rheumatic fever.

It was recommended that effective blood levels of penicillin be maintained for a period of at least ten days. For this reason, therapeutic doses of Compocillin-V are recommended for at least ten days in the treatment of respiratory streptococcal infections.



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AS A PROPHYLACTIC MEASURE

There is evidence which suggests a widening prophylactic application of penicillin. Lapin² observed a 45.5% reduction in the incidence of susceptible infections of the throat and ears among children who received prophylactic oral doses of penicillin.

Burke³ reported, in addition, fewer rheumatic manifestations in children on a similar regimen. The findings of Maliner and Amsterdam⁴ and others^{5,6} indicated that orally administered penicillin may be effective in preventing recrudescence of rheumatic fever.

SIDE EFFECTS

The incidence of adverse reactions during Compicillin-V therapy is low. Occasional cases of rash, urticaria are seen. Stomatitis or monilia infection of the gastrointestinal tract may occasionally develop during oral penicillin therapy. In these cases, penicillin therapy should be discontinued and appropriate counter measures should be instituted. Very rarely, anaphylaxis reaction may occur during penicillin therapy. Immediate remedial measures should be ad-

be used in a patient who has a previous history of penicillin sensitivity.

HOW TO USE

Compicillin-V Oral Suspension is supplied in 80-cc. bottles representing 180 mg. (300,000 units) of penicillin V per 5-cc. teaspoonful (List No. 63).

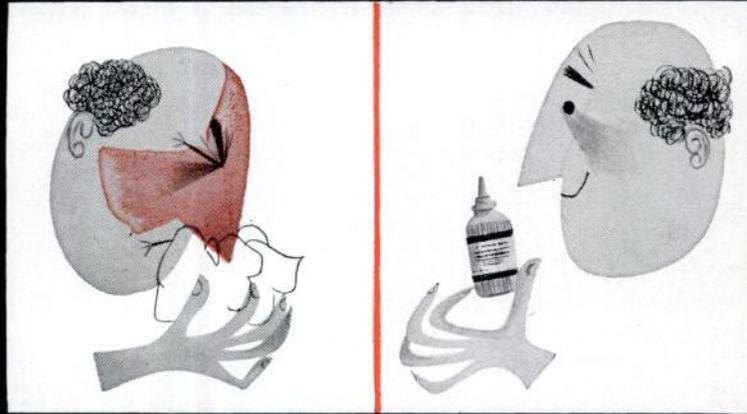
References

1. Prevention of Rheumatic Fever and Bacterial Endocarditis through Control of Streptococcal Infections, National Am. Heart Assoc., Inc., 11:317, 1955.
2. Lapin, M., Prophylaxis of Upper Respiratory Infections in Children Treated with Oral Penicillin, J. Pediatr. 32:119, February, 1948.
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4. Maliner, M., and Amsterdam, A. D., Oral Penicillin in the Prophylaxis of Recurrent Rheumatic Fever, J. Pediatr. 658, December, 1947.
5. Kohn, K. P., Oral Penicillin Prophylaxis of Recurrence of Rheumatic Fever, Interim Report on Method of Three Year Study, J. Amer. Med. Assn., 147:100, Jan. 7, 1951.
6. Massell, B. S., Prevention of Rheumatic Fever by Penicillin Therapy of Hemolytic Streptococcal Respiratory Infections; Progress Report, J. Amer. Med. Assn., 146:1469, Aug. 18, 1951.



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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 ©
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Locally compatible with any antibiotics
used systemically.

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“Functional vomiting
should be carefully distinguished
from organic vomiting. Grave
consequences may follow if evidences
of organic derangement... are
masked by treatment designed to control
vomiting alone.”¹

SAFE

Safety First | in emesis therapy

Prescribe

EMETROL[®]

(Phosphorated Carbohydrate Solution) *First*

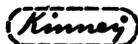
SAFE

EMETROL will not suppress symptoms
arising from organic etiology. It controls
vomiting of functional origin quickly.

Dosage: Adults, 1 or 2 tablespoonfuls;
infants and children, 1 or 2 teaspoonfuls,
as often as every 15 minutes. Always
administer *undiluted*, and forbid oral fluids
for at least 15 minutes after each dose.
Even if first dose is not retained, continue
administration. If vomiting is not
controlled within one or two hours, look
for organic etiology. For individual dosage
regimens in various indications, please
send for literature.

1. Bradley, J. E.: *Mod. Med.* 20:71, No. 2, 1952.

SAFE



KINNEY & COMPANY, INC. Columbus, Indiana

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ARMSTRONG X-4

(Nursery Type)

Baby Incubator

SAFE

RELIABLE

SIMPLE

**LOW IN
FIRST COST**

**LOW IN
OPERATING COST**



The Armstrong X-4 (Nursery type) is the original Armstrong baby incubator designed for safety, reliability, simplicity of operation, low initial cost and low operating cost. Experience-perfected and hospital-proven in the United States and 79 foreign countries. The X-4 was the first incubator ever to be tested and approved by Underwriters' Laboratories, Inc. and is still the low-cost Baby Incu-

bator of choice for general nursery use.

Armstrong X-4 incubators may now be equipped with our 40% Oxygen Limiting Valve (which locks at either 40% or 100%) as accessory equipment at low cost. Use our *free telephone service*—phone us collect (reverse the charges) from anywhere in continental United States, Alaska or Hawaii when you are in a hurry or want rush service.

THE GORDON ARMSTRONG CO., Inc.

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Cleveland Telephone — CHerry 1-8345

To
Supply
The
Difference

BETWEEN

WHAT

THEY

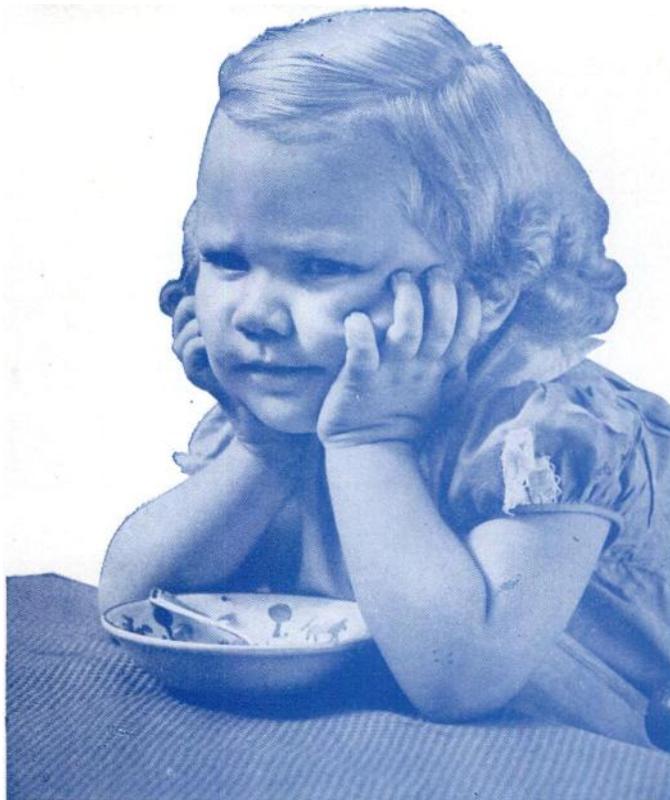
NEED

and

WHAT

THEY

EAT



A simple means of protecting youngsters against their own nutrition faults is the prescription of Pluravit—a combination of vitamins needed during the years when growth and energy demands are high, in the form of Drops and Pellets.

Pluravit®

**Drops
+
Pellets**

Pluravit Drops, added to formula or beverage, disperse readily and uniformly; do not adhere to glass or float on surface, assuring full utilization. Excellent stability. Bottles of 15 cc. with dropper.

Pluravit Pellets are small and easily swallowed. Bottles of 30, 100 and 1000 pellets.

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LABORATORIES

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Upjohn

**Ulcer protection
that
lasts all night:**

Pamine*
BROMIDE

Tablets

Each tablet contains:

Methscopolamine bromide 2.5 mg.

Average dosage (ulcer):

One tablet one-half hour before meals, and 1 to 2 tablets at bedtime.

Supplied: Bottles of 100 and 500 tablets

Syrup

Each 5 cc. (approx. 1 tsp.) contains:

Methscopolamine bromide 1.25 mg.

Dosage:

1 to 2 teaspoonfuls three or four times daily.

Supplied: Bottles of 4 fluidounces

**Sterile
Solution**

Each cc. contains:

Methscopolamine bromide 1 mg.

Dosage:

0.25 to 1.0 mg. ($\frac{1}{4}$ to 1 cc.), at intervals of 6 to 8 hours, subcutaneously or intramuscularly.

Supplied: Vials of 1 cc.

*TRADEMARK, REG. U. S. PAT. OFF.—THE UPJOHN BRAND OF METHSCOPOLAMINE

The Upjohn Company, Kalamazoo, Michigan

“My child gained faster at that stage . . .”

The physician's function is complicated by the belief of many mothers that “heaviness” is the all-important indicator of physical progress. Obviously, it “cannot be taken as the *only* criterion of health and may be misleading at times. . . .”¹ More important than weight gain, per se, is *physiologic* weight gain.

This was demonstrated in a recent study of the effects of feeding breast milk and various formulas to premature infants, where high ash levels associated with high protein formulas were believed to cause ash retention, with resultant obligate water retention. Kagan and his associates² considered that there was a difference in the character of the increased weight gain due to high ash levels. “. . . the authors concluded that weight gain in itself is not a good index of progress.”³

Assure physiologic weight gain with regular SIMILAC® feedings

When breast feeding isn't feasible, Similac assures physiologic nutrition by providing more calories per unit of ash. Because it closely resembles mother's milk in composition, nutritional balance and digestibility, Similac helps to reduce complications in the first year of life.



SIMILAC®

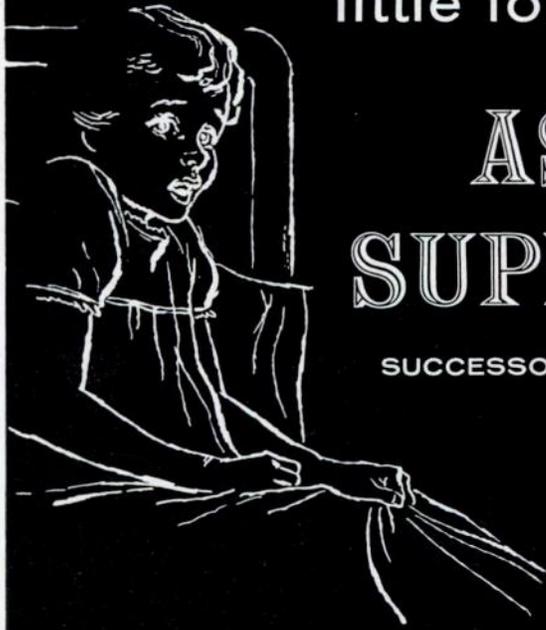
There is no closer equivalent to the milk of healthy, well-nourished mothers

REFERENCES:

1. Holt, L. E., Jr., and McIntosh, R.: *Pediatrics*, ed. 12, New York, Appleton-Century-Crofts, Inc., 1953, p. 12.
2. Kagan, B. M.; Hess, J. H.; Lundeen, E.; Shafer, K.; Parker, J. B., and Stigall, C.: *Pediatrics* 15:373 (April) 1955.
3. Editorial: *J.A.M.A.* 159:116 (Sept. 10) 1955.

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little folks can't refuse

ASPIRIN SUPPRETTES[®]

SUCCESSOR / TO THE SUPPOSITORY



Now you can be sure your patients receive full therapeutic doses of salicylates. Aspirin Suppettes rectally achieve the same salicylate blood levels as do equal oral doses, without gastric or rectal irritation.

ASPIRIN SUPPRETTES

- Ideal when oral therapy is difficult or impossible
- In febrile conditions accompanied by nausea or vomiting
- To eliminate local gastric irritation
- For prolonged salicylate therapy
- In rheumatic fever
- For relief of emotional trauma of fever, pain, insomnia

ASPIRIN w/SECOBARBITAL SODIUM SUPPRETTES

- For safe, rapid sedation of short duration
- In insomnia, anxiety states
- To quiet hyperexcitability
- Preoperatively

SUPPLIED:

Aspirin Suppettes: 1 gr., 3 gr., 5 gr. and 10 gr.
 Aspirin w/Secobarbital Suppettes:
 No. 1—(aspirin 1 gr., secobarbital sodium 1/8 gr.).
 No. 2—(aspirin 3 gr., secobarbital sodium 3/8 gr.).
 No. 3—(aspirin 5 gr., secobarbital sodium 5/8 gr.).
 No. 4—(aspirin 10 gr., secobarbital sodium 1 1/4 gr.).
 IN JARS OF 12.

THE "NEOCERA" BASE MAKES THE DIFFERENCE

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

ASPIRIN SUPPRETTES and ASPIRIN w/SECOBARBITAL SODIUM SUPPRETTES

NO REFRIGERATION NECESSARY

Samples on Request



THE WILLIAM A. WEBSTER COMPANY • MEMPHIS 5, TENN.

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**in
persistent
or recurrent
urinary tract
infections
of children...
failure to
treat promptly
and adequately
may produce
serious
sequelae which
can shadow
and shorten
the patient's
life**

Average daily
dosage for
children: 5 to
7 mg./Kg. in 4
divided doses.
Tablets: 50 and
100 mg.
Oral Suspension:
5 mg. per cc.



*"Nitrofurantoin N.N.R. (Furadantin) is an
effective urinary antibacterial agent in children."¹*

Furadantin[®]

BRAND OF NITROFURANTOIN

*"...one of the most effective single
agents available at this time."²*

1. Johnson, S. H., III, and Marshall, M., Jr.: A.M.A. Am.
J. Dis. Child. **89**:199, 1955. 2. Breakey, R. S.; Holt, S.
H., and Siegel, D.: J. Michigan M. Soc. **54**:805, 1955.

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NEITHER ANTIBIOTICS NOR SULFAS

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Evaporated or Powdered, Meyenberg (the original) Goat Milk is a natural milk likely to give prompt control of cow's milk allergy. It provides a soft, readily-digestible curd . . . will not cause the diarrhea often associated with milk substitutes.

Meyenberg Goat Milk is nutritionally equivalent to evaporated cow's milk in fat, protein and carbohydrates.

Specify Meyenberg Goat Milk First. Evaporated in 14-ounce enamel-lined, vacuum-packed cans. Powdered in 14-ounce, vacuum-packed cans.

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JACKSON-MITCHELL
 Pharmaceuticals, Inc.
 Culver City, Calif.
 Serving the
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 Since 1934

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patients with

rheumatoid arthritis

and their physicians deserve the benefits of

METICORTELONE[®]

(PREDNISOLONE)

for patient

excellent relief of pain, swelling, tenderness...rapid restoration of function and useful life...no weight gain to guard against...no undue dietary restriction

buff-colored tablets of 1, 2.5 and 5 mg.

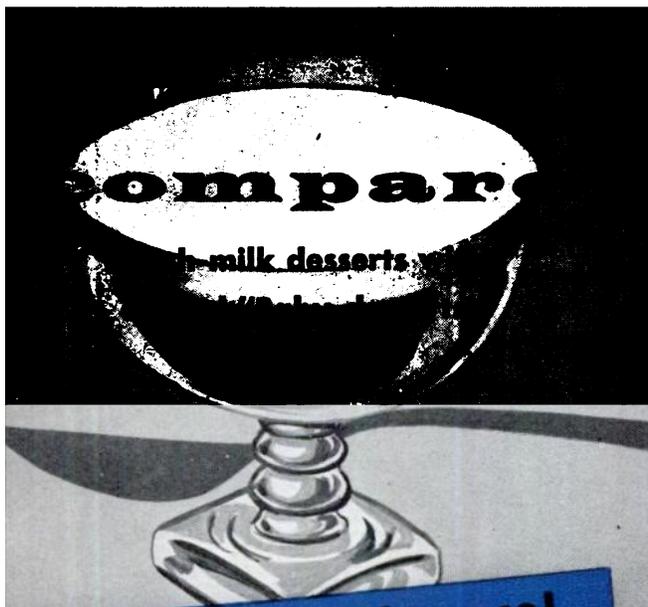
METICORTELONE,® brand of prednisolone.

for physician

far smaller dosage than with oral hydrocortisone...little or no worries about edema, sodium retention, potassium loss...patient cooperation assured...facilitates physiotherapy and other rehabilitation measures



ML-J-2276



and note the difference!

Comparative composition of 100 gram portions: rennet-custards and commercially canned "Baby Desserts".

	Cal.	Prot. gm.	Fat gm.	Carbo. gm.	Ca. mg.	P. mg.	Vit. A I.U.	Ribo. mg.
*DESSERT A	94	2.0	2.7	20.2	76	63	Trace	0.111
*DESSERT B	100	2.32	1.89	17.72	76	43	25 (USP)	0.160
*DESSERT C	102	2.4	3.2	16.5	75	69	228	0.110
**RENNET-CUSTARDS (average of seven flavors)	96.5	3.2	3.6	12.7	123	102	175	0.164

*Nationally distributed "ready-to-serve" dessert.
 **Made with fresh milk and "Junket" Rennet Powder.

Rennet-desserts are made with fresh milk and either "Junket" Rennet Powder or "Junket" Rennet Tablets. Therefore, unlike many commercially canned "Baby desserts" they are high in milk solids and supply all the



PRONATING swing begins at the front of heel approximately at the astragalo-scapoid joint instead of acting merely as a metatarsal abductor. Pressure is distributed and applied at three points:

1. Laterally directed pressure over the medial border of the first metatarsal . . . A LEVER.
2. Laterally directed pressure over the medial margin of the os calcis . . . A LEVER.
3. Medially directed pressure directed opposite the calcaneo-cuboid joint . . . A FULCRUM.

An elevation in the sole under the calcaneo-cuboid joint corrects so called "rocker foot".

THE TARSO PRONATOR SHOE SUPPLIED SINGLY . . . IN PAIRS . . . IN SPLIT PAIRS

Write for descriptive folder and nearest dealer
MAURICE J. MARKELL SHOE CO., INC.
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...and some have allergy
thrust upon them



The Shoes, Designed For Children, That Doctors Praise

More and more doctors are recommending Selby Junior Arch Preserver Shoes. This is due to their recognizing that Selby Juniors are built on lasts designed to meet the special needs of infants and children.

In addition to being built on broad toed lasts, skived out on the inner border at the heel to accommodate wedging, Selby Juniors are made of highest quality leathers. Upper leathers are light, strong, flexible, long-wearing, of highest quality. Insoles are made of extra heavy weight leathers to eliminate ridges and curling, with oak bend outsole, Viscolized for re-

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One hundred and seventy separate operations go into the making of each Selby Junior Arch Preserver Shoe.

When you recommend Selby Junior Arch Preservers, you are recommending shoes whose excellence is the result of the knowledge and skill acquired in more than three quarters of a century of fine shoemaking.



WEDGE CONSTRUCTION



BROAD BASED HEEL



ALLOY SPRING STEEL SHANK

The Shoes, Designed
For Children, That
Doctors Praise



More Than Three Quarters Of A Century
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**The Selby
Shoe Company**

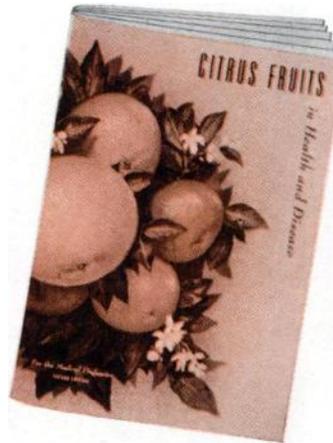
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If Selby Junior Arch Preservers are not available in your city, please write directly to us.

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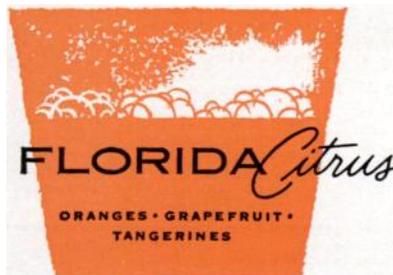
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**A condensation of
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 on clinical aspects of
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This just-completed, fact-packed, illustrated handbook summarizes ten years of research discoveries relating to vitamin C nutrition. More than 150 research reports are telescoped into 32 pages to make this an authoritative, succinct source for your reference library.

Up-to-date information is included on incidence of vitamin C deficiencies in various age groups . . . functions of vitamin C . . . Recommended Daily Allowances . . . nutritional values of fresh, canned, and frozen citrus . . . use of the "citrus snack" to step up vitamin C intake whenever indicated in therapeutic regimens.

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Please send complimentary copy of new
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Vacations are fun—diarrhea isn't

CREMOSUXIDINE[®]

SULFASUXIDINE[®] SUSPENSION WITH PECTIN AND KAOLIN

When diarrhea threatens patients' vacation fun, prescribe CREMOSUXIDINE. This dependable antidiarrheal has pronounced antibacterial action. Adsorbs and detoxifies intestinal irritants. Chocolate-mint flavored suspension can be added to infant formulas or milk.



MERCK SHARP & DOHME
DIVISION OF MERCK & CO., INC., PHILADELPHIA 1, PA.



For sure, safe infant care and feeding

RECOMMEND THESE
DEPENDABLE

Hankscraft[®]
APPLIANCES



AUTOMATIC 8-BOTTLE STERILIZER and FORMULA SET

Doctors and hospitals agree that the safe way to protect Baby against the bacteria that surround him is terminal sterilization — nursing equipment and formula in just one operation. Your "new" mothers will appreciate the efficiency of this reliable, time-saving electric sterilizer. It starts quickly, sterilizes completely, then shuts off automatically. Underwriters' Laboratories approved. You can recommend it with confidence.

Model 201 — \$12.95
Other models from \$6.99

HANKSCRAFT COMPANY
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Automatic BOTTLE WARMER AND VAPORIZER

Here is a must for every nursery! Electrically heats bottle to correct temperature, then shuts off automatically. Vaporizer attachment produces steam for cold relief.

Model 1013-C \$2.95
Other models \$2.50 to \$5.50



STEAM VAPORIZER

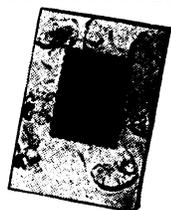
Doctor, when you prescribe steam for colds, recommend an automatic Hankscraft vaporizer. Simple construction assures trouble-free, completely safe performance. Gallon capacity — runs all night on one filling; shuts off automatically.

Model 202-A \$6.95
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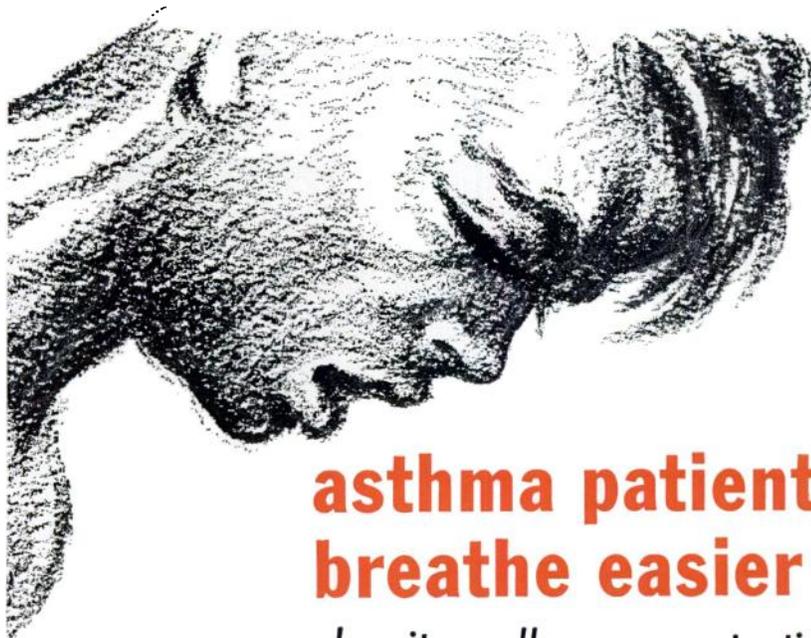
Send today for free copy of new 24-page "GUIDE TO INFANT CARE AND FEEDING"

Write Dept P
Hankscraft Company
Reedsburg, Wisconsin
America's leading line of Sterilizers, Bottle Warmers & Vaporizers



HANKSCRAFT APPLIANCES are on sale at drug, appliance, and baby shops everywhere

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asthma patients breathe easier

despite pollen concentration

Even with the added burden of pollen sensitivity—air hunger is eased in minutes with Elixophyllin. Dramatic relief of acute asthmatic attacks is due to the rapid absorption of theophylline from the hydro-alcoholic solution.

Oral dosage of this unique medication provides bronchodilator action with a promptness hitherto unattainable with oral therapy.

For acute attacks, the usual adult dose of Elixophyllin is 4 or 5 tablespoonfuls—(2 or 2½ ounces).

For prophylaxis—greater freedom from attacks and less wheezing—2 tablespoonfuls t.i.d.

Children in proportion to age and/or weight.

Formula: Each tablespoonful contains 80 mg. theophylline (equivalent to 100 mg. aminophylline) and 3 cc. ethyl alcohol . . . pleasantly flavored, virtually free from gastric irritation.

Supplied: Bottles of 16 fl. oz.



ELIXOPHYLLIN

... another unique formulation of

Sherman Laboratories

Detroit 11, Michigan

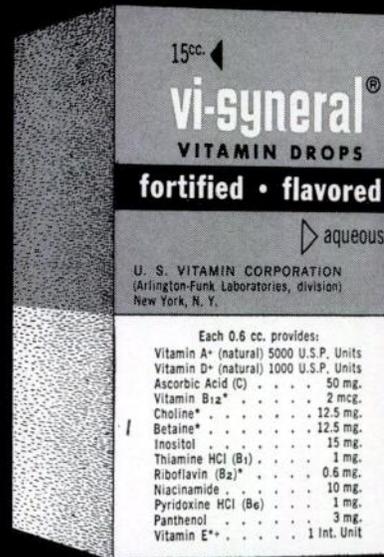
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a great new fortified aqueous vitamin formula

new . . . provides

- growth-promoting vitamin B₁₂
- lipotropic choline, betaine, inositol
to aid carbohydrate and fat metabolism
- anti-convulsant vitamin B₆
- . . . other essential B-complex factors
- vitamin E for muscle tone
- 100% natural vitamins A and D
— water soluble, better utilized
- deliciously flavored
- no burp, no fish oil taste
or odor — allergens removed



**vi-syneral vitamin drops
fortified (flavored)**

available
as
before



**regular
vi-syneral vitamin drops (unflavored)**

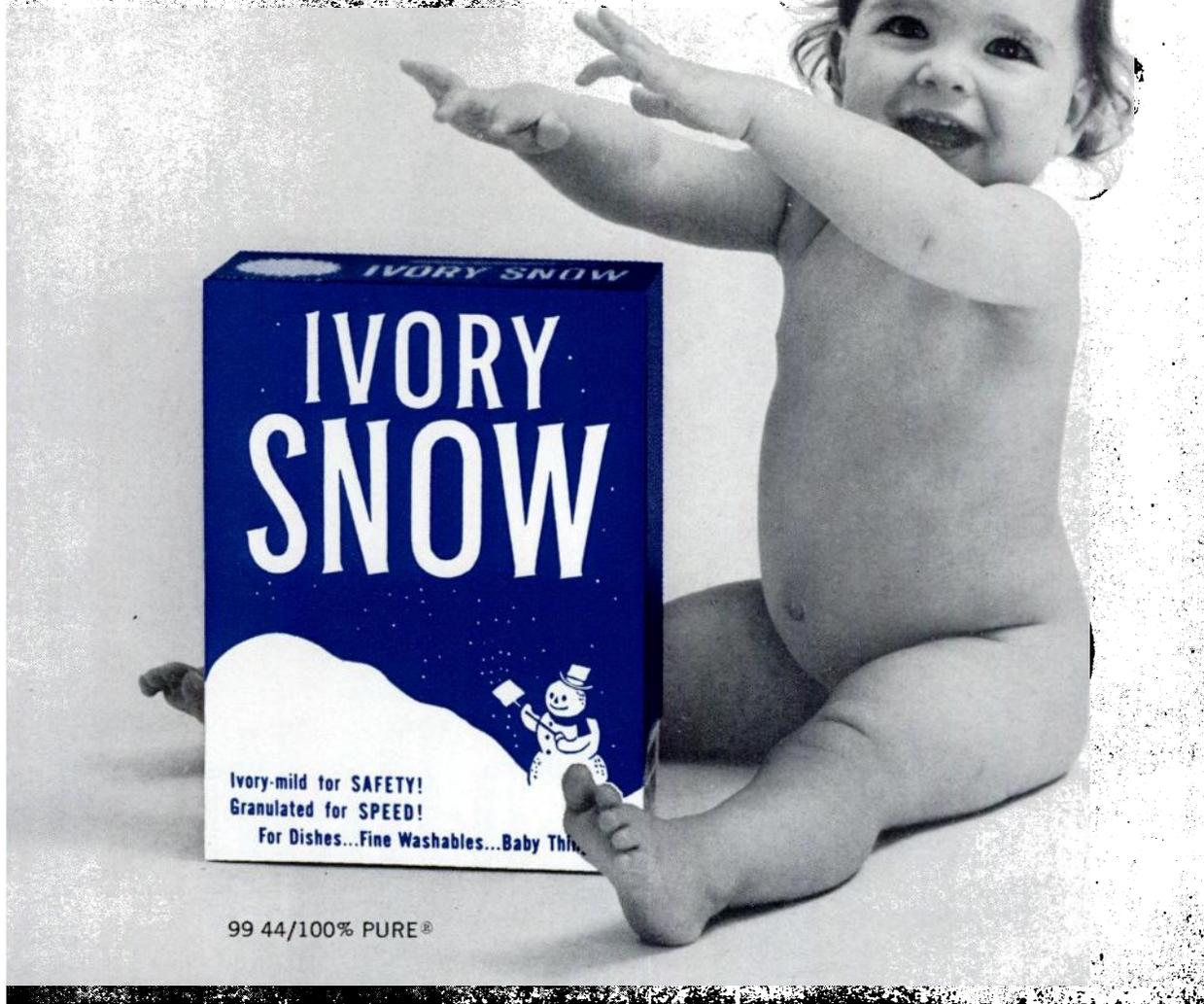
Samples? write . . .

u. s. vitamin corporation

(Arlington-Funk Laboratories, division) • 250 East 43rd St. • New York 17, N. Y.

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My Mommy
washes all my things
in Ivory Snow



No wonder—because Ivory Snow is safe and mild as soap can be. It leaves diapers and baby clothes soft, smooth and free from irritating deposits that might chafe a baby's skin. And—since Ivory Snow is in the efficient granulated form preferred for washing machine use—it's a practical soap for busy mothers with lots of baby wash to do.

A Procter & Gamble Product

in inflammatory skin diseases

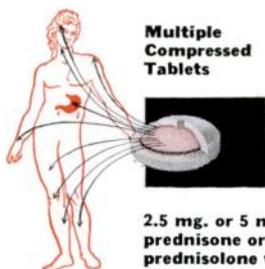


all the benefits of the "predni-steroids"
plus positive antacid action
to minimize gastric distress

ROUTINELY ACHIEVED WITH

'Co-Deltra'

(Buffered Prednisone)



Multiple
Compressed
Tablets

Clinical evidence^{1,2,3} indicates that to augment the therapeutic advantages of prednisone and prednisolone, antacids should be *routinely* co-administered to minimize gastric distress.

References: 1. Boland, E. W., *J.A.M.A.* 160:613, (February 25,) 1956. 2. Margolis, H. M. *et al*, *J.A.M.A.* 158:454, (June 11,) 1955. 3. Bollet, A. J. *et al*, *J.A.M.A.* 158:459, (June 11,) 1955.

2.5 mg. or 5 mg.
prednisone or
prednisolone with
50 mg. magnesium
trisalicylate and
300 mg. aluminum
hydroxide gel.

'Co-Hydeltra'

(Buffered Prednisolone)

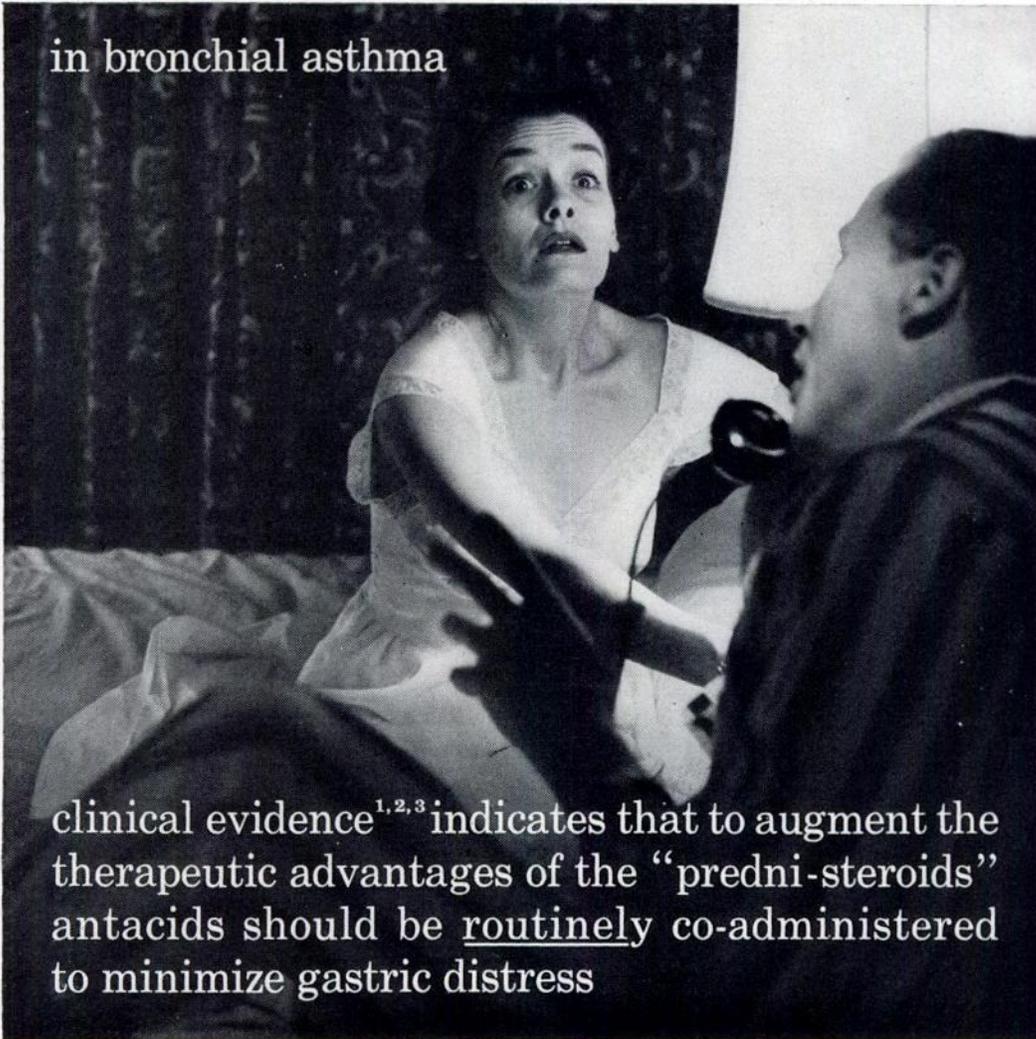


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'CO-DELTRA' and 'CO-HYDELTRA' are the trademarks of MERCK & CO., INC.

In answering advertisements please mention PEDIATRICS.

in bronchial asthma



clinical evidence^{1,2,3} indicates that to augment the therapeutic advantages of the "predni-steroids" antacids should be routinely co-administered to minimize gastric distress

**ROUTINE
CO-ADMINISTRATION
MEANS**

'Co-Hydeltra'
(Buffered Prednisolone)



Multiple
Compressed
Tablets

'Co-Deltra'
(Buffered Prednisone)



MERCK SHARP & DOHME
DIVISION OF MERCK & CO., INC.
PHILADELPHIA 1, PA.

All the benefits of the "predni-steroids" plus positive antacid action to minimize gastric distress.

References: 1. Boland, E. W., *J.A.M.A.* 160:613, (February 25,) 1956. 2. Margolis, H. M. *et al*, *J.A.M.A.* 158:454, (June 11,) 1955. 3. Bollet, A. J. *et al*, *J.A.M.A.* 158:459, (June 11,) 1955.

2.5 mg. or 5 mg.
prednisone or
prednisolone with
50 mg. magnesium
trisilicate and
300 mg. aluminum
hydroxide gel.

'CO-DELTRA' and 'CO-HYDELTRA' are the trademarks of MERCK & Co., INC.

In answering advertisements please mention PEDIATRICS.

all through the night



one application of

DESITIN[®] OINTMENT

helps protect the infant's skin against

diaper rash (ammoniacal dermatitis) • **irritation** • **excoriation**



- tubes of 1 oz.,
2 oz., 4 oz.
- 1 lb. jars.

DESITIN OINTMENT covers the infant's skin with a soothing, protective, healing coating which is largely impervious to and helps guard against irritation, rash, and maceration caused by urine, excrement, perspiration and secretions. This preventive action of Desitin Ointment *persists all through the night*... when baby is particularly vulnerable to painful skin excoriations.

Nonsensitizing, nonirritant Desitin Ointment... rich in cod liver oil
... successfully used on millions of infants for over 30 years.

for samples and literature please write . . .

DESITIN CHEMICAL COMPANY Providence, R.I.

1. Grayzel, H. G., Heimer, C. B., and Grayzel, R. W.: *New York St. J. Med.* 53:2233, 1953. 2. Heimer, 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. Med.* 50:2282, 1950. 5. Marks, M. M.: *Missouri Med.* 52:187, 1955.

In answering advertisements please mention PEDIATRICS.

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.



The most favorable prognosis depends on these four exclusive advantages of the

Isolette®

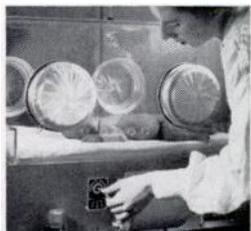
Infant Incubator



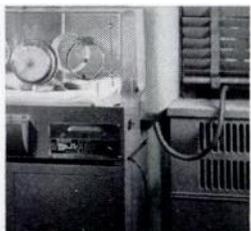
1. **Controlled circulation of air:** Maintains uniformity of humidity, warmth (and oxygen, if needed) to a degree impossible through convection alone. IsoLETTE hood need never be opened.



2. **Precise temperature control** within a tolerance of 1°F . . . with provisions for cooling as well as heating, and automatic alarm should outside factors cause overheating.



3. **Positive humidity control** through a single setting of a simple control valve. Constant, controlled recirculation maintains relative humidity at optimal level, as high as 85% to 100%.



4. **Complete isolation:** The individually air-conditioned ISOLETTE® uses fresh, outside air . . . protecting the infant from air-borne pathogens and droplet infection from the nursery.

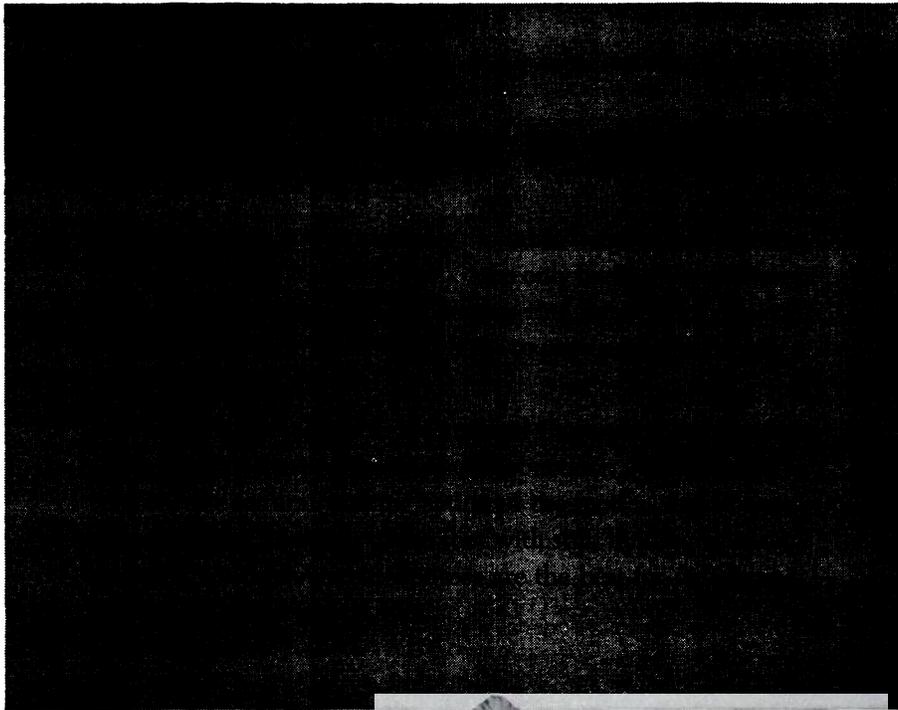
Many infant incubators look like the ISOLETTE, cost less, but, in saving premature babies, or protecting the newborn . . . what really counts is performance, not resemblance. Send for copy of the objective, 22-page "Report of Comparison Tests on Infant Incubators," and review the well-documented "facts of life" in premature infant care.

Manufactured, sold and serviced by

AIR-SHIELDS, INC.

Hatboro, Pa.

In answering advertisements please mention PEDIATRICS.



Moccasins . . . America's first baby shoe—

The comfort features of the one-piece vamp have been tested and approved for over 2,000 years. Baby's foot is wrapped in a cradle of soft leather that yields and "gives" with the action of walking.

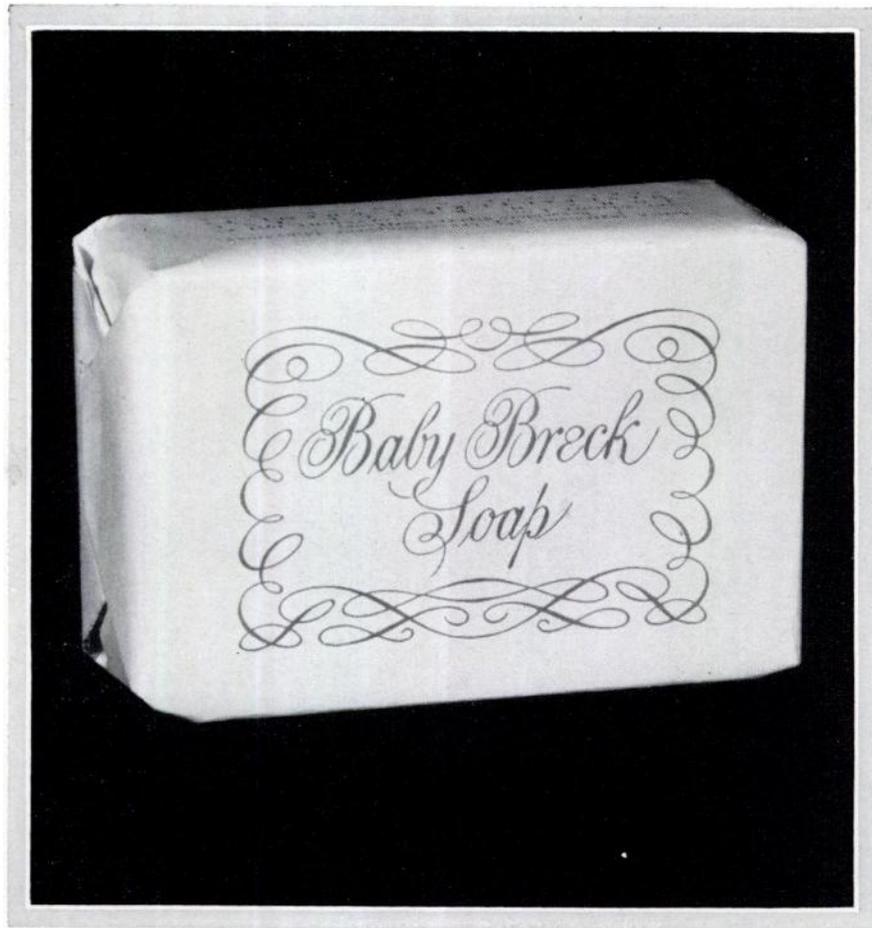


. . . first name in first shoes!

R. J. POTVIN SHOE CO., BROCKTON 26, MASS.

**The makers of Buntees have been appointed sole manufacturers of the
SABEL PRE-WALKER EQUINO-VARUS and
SABEL PRE-WALKER SURGICAL SHOES
By I. Sabel Inc., Specialized Orthopedic Footwear**

In answering advertisements please mention PEDIATRICS.



Baby Breck Soap,

Baby Breck Soap is a mild, deodorant cake soap especially developed for use on a baby's delicate skin. It is long lasting and pleasantly scented. Baby Breck Soap contains the antiseptic, hexachlorophene, which aids in preventing diaper rash and skin infection. In addition, Baby Breck Soap contains lanolin and cold cream. When used daily Baby Breck Soap helps keep a baby's skin soft and smooth.

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.



HIGH

*patient acceptance
in the playground set*

LOW

*percentage of acetylation,
toxicity, cost*



Elkosin[®] SYRUP

(sulfisomidine CIBA)

Gram for gram Elkosin is the *most effective* single soluble sulfonamide, for it achieves therapeutic blood levels at *standard* sulfonamide dosage . . .

" . . . Elkosin is a safe and effective antibacterial agent." It "readily diffuses into cerebrospinal, pleural, and ascitic fluids." It is often the medication of choice in respiratory and urinary tract infections and in the prophylaxis of rheumatic fever. Highly soluble in both acid and alkaline urine, it requires no adjuvant alkalis and is unlikely to cause renal damage. Therapeutic blood levels "of 6 to 8 mg. per cent of free sulfonamide are easily maintained on 4 Gm. daily."

Pleasant strawberry-flavored Elkosin Syrup mixes well with milk, ginger ale, or ice cream.

1. Commons, R. R., and Wire, T.: *Journal-Lancet* 73:278 (July) 1953. 2. Prior, J. A., and Salsaw, S.: *J. Lab. & Clin. Med.* 38:420 (Sept.) 1951. 3. Rutenburg, A. M., Schweinburg, F. B., and Sears, B.: *Surgery* 33:980 (Dec.) 1952.

*Suspension in
Syrup: 0.25 Gm.
per 4-ml. teaspoonful.*

*Tablets: 0.5 Gm.
(white, double-scored).*

C I B A
SUMMIT, N. J.

2/2220M

In answering advertisements please mention PEDIATRICS.



**Effective analgesic, antipruritic
action in Otic Conditions**

otodyne®

- ... Rapid, intense and prolonged analgesic action with the complemental anesthetics, zolamine and Eucupin.®
- ... Prompt, sustained relief in pruritus of the external canal.
- ... Nonirritating—nonsensitizing.

**Supplied in 15 cc.
dropper bottles**

White Laboratories, Inc., Kenilworth, N. J.

ISOPTO® CETAMIDE

*Sulfacetamide Sodium with
Methyl Cellulose*
STERILE OPHTHALMIC SOLUTION



**Now available
in Alcon's
original
DROP-TAINER®**



*For prophylaxis—acute and chronic
conjunctival infections.....*

DESCRIPTION

A sterile, non-burning, non-irritating solution of Sulfacetamide Sodium U.S.P. 15% w/v with 0.5% Methyl Cellulose U.S.P. Buffered to pH 7.4 and preserved against contamination.

ADVANTAGES

- **STERILE**
- **NON-IRRITATING**, comfortable
- **READILY** miscible with tears
- **REMAINS** in contact with the eye 5 to 10 times longer than aqueous solutions
- **PRACTICALLY** nonexistent sensitivity index
- **CONVENIENCE** of Drop-Tainer® packaging
- **NON-SPILLABLE, NON-BREAKABLE**
- **ECONOMICAL**

Alcon laboratories, inc.
fort worth, texas

In answering advertisements please mention PEDIATRICS.

**Broad Antibacterial, Antifungal Activity
in External and Chronic Middle Ear Infections**

otobiotic[®]

- ... combined neomycin-sodium propionate therapy
- ... effectively controls gram-positive, gram-negative and **mycotic invaders**
- ... nonirritating, rarely sensitizing
- ... pH conforms to slightly acid condition of the normal external ear

Each cc. contains:

Neomycin Sulfate (equivalent to neomycin base) 3.5 mg.
Sodium Propionate 50 mg.
... in an autogenously sterile hydroalcoholic glycerin vehicle.

Supplied in 15 cc.
dropper bottles

White Laboratories, Inc., Kenilworth, N. J.



**AQUACHLORAL[®]
SUPPRETTES[®]**

SUCCESSOR / TO THE SUPPOSITORY

Aquachloral Supporettes give total drug release within 10 minutes after insertion for rapid sedation, without gastric or rectal irritation. Supporettes minimize careless or excessive use of chloral hydrate.

Supplied: In 5 gr., 10 gr., 15 gr. In jars of 12.

AQUACHLORAL SUPPRETTES

CHLORAL HYDRATE FOR RECTAL ADMINISTRATION



THE WILLIAM A. WEBSTER COMPANY, MEMPHIS 5, TENNESSEE

**CHLORAL HYDRATE
Rectally**

**SAFE SEDATION
WITHOUT HANGOVER**

- Whenever oral therapy is difficult or impossible
- In nausea and vomiting
- To control convulsions
- To quiet hyperexcitability
- Preoperatively
- Postoperatively

**The "Neocera" Base
Makes the Difference**

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

**NO REFRIGERATION NECESSARY
Samples on Request**

In answering advertisements please mention PEDIATRICS.



And Growth Dietaries

MUCH evidence has accumulated that inferior growth in children is associated with poor nutrition, and good growth with good nutrition.¹

A recent clinical experiment with undernourished German orphanage children 4 to 15 years of age and below American standards in weight and height, showed that dietaries providing 70 to 80 per cent of their calories in the form of bread promoted good growth and a high order of nutritional health.²

The experimental diets in one part of the study consisted of only small amounts of meat, fish, and dairy foods, moderate amounts of fruits and vegetables, large amounts of enriched bread (containing added calcium carbonate), and a supplement of vitamins A, C, and D. The children did remarkably well during the experimental period of 12 months, demonstrating that the diets provided all nutrients needed for excellent development and growth.

Enriched bread (90 per cent of all white bread commercially produced in the United States) contains officially standardized amounts of thiamine, riboflavin, niacin, and iron. It usually also contains nonfat milk solids averaging 4 per cent by weight of its flour component. Because of its high nutritional values—good quality protein able to support growth and tissue maintenance, B vitamins, iron, and calcium—enriched bread constitutes an important food in diets planned for good growth in children, and may well supply a higher percentage of the caloric intake.³

1. Martin, E. A.: *Roberts' Nutrition Work with Children* Chicago, The University of Chicago Press, 1954, pp. 164-195.
2. Widdowson, E. M., and McCance, R. A.: *Studies on the Nutritive Value of Bread and on the Effect of Variations in the Extraction Rate of Flour on the Growth of Undernourished Children*, Medical Research Council, Special Report Series, No. 287, London, Her Majesty's Stationery Office, 1954.
3. Sherman, H. C.: *Food Products*, ed. 4, New York, The Macmillan Company, 1948, p. 221.

AMERICAN BAKERS ASSOCIATION
20 NORTH WACKER DRIVE • CHICAGO 6, ILLINOIS

The nutritional statements made in this advertisement have been reviewed by the Council on Foods and Nutrition of the American Medical Association and found consistent with current authoritative medical opinion.

In answering advertisements please mention PEDIATRICS.

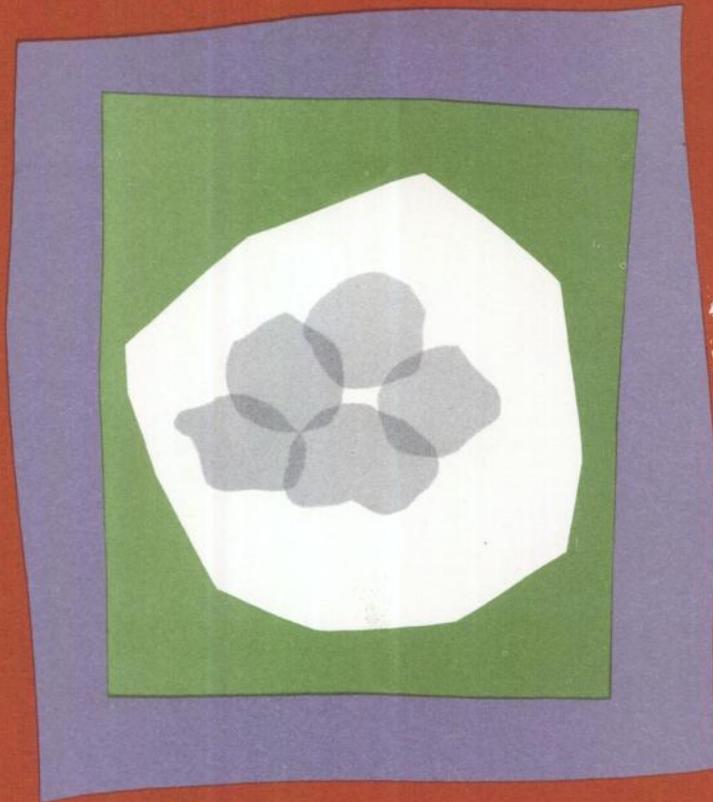


a standard of excellence in pediatric care

Johnson & Johnson

PROOF

excellent lubricant action



Smooth, flat platelets unique in the specially selected talc used in Johnson's Baby Powder. Note absence of any abrasive, irritating granules.

due to uniform, flat platelets

Johnson's

BABY POWDER



Johnson's Baby Powder contains the world's most suitable talc

Only Johnson's Baby Powder uses the whitest, purest Italian talc exclusively. This is specially processed and screened, then enhanced by clinically proved ingredients, to give a baby powder of unsurpassed quality.

excellent dry lubrication The specially selected talc in Johnson's Baby Powder insures uniformly smooth, flat platelets. These talc platelets glide smoothly—give the powder its unexcelled lubricant action and silky-soft feel.

exclusive buffering action Only Johnson's Baby Powder contains a special agent which neutralizes excessive acidity and alkalinity of the skin—helps prevent and relieve diaper rash, urine scald and chafing.

notably free from dust-cloud effect Special processing discards particles likely to be air-borne and inhaled.

absorption without occlusion Johnson's Baby Powder contains no oil, does not occlude skin, and does not repel water. It blots up moisture for rapid evaporation—helps combat chafing and miliaria.

bettering baby care through specialized research

BABY PRODUCTS DIVISION

Johnson & Johnson

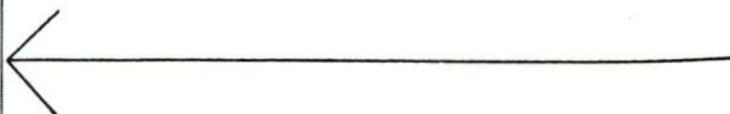
3 steps

to a well-balanced formula
in accordance with the needs of the infant



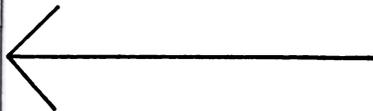
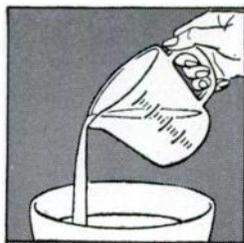
+

CARBOHYDRATE



+

WATER



*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 fats and by the addition of synthetic vitamins. No carbohydrate has been added.

Approximate Analysis

Protein	4.9%
Carbohydrate	8.3
Fat	5.8
Ash	1.2
Calcium	0.19
Phosphorus	0.15
Iron	0.0016
Moisture	79.8
Calories per fl. oz..	32

THE BAKER LABORATORIES, INC.

Milk Products Exclusively for the Medical Profession

MAIN OFFICE: CLEVELAND 3, OHIO

PLANT: EAST TROY, WISCONSIN

In answering advertisements please mention PEDIATRICS.

for otitis

'AEROSPORIN'[®] SULFATE

POLYMYXIN B SULFATE WITH PROPYLENE GLYCOL

OTIC SOLUTION STERILE

Specifically aimed at aural pathogens—

bactericidal to most gram-positive and gram-negative organisms, particularly *Ps. aeruginosa*, the commonest cause of otitis externa.

fungicidal to most of the dermatomyces found in the ear.

For otitis externa, whether acute or chronic, an exceptionally high percentage of complete clearance in a short time.

For chronic otitis media (when the ear drum is perforated); preferably in conjunction with systemic therapy.

Bottles of 10 cc. (with dropper)



Burroughs Wellcome & Co. (U.S.A.) Inc., Tuckahoe 7, New York

In answering advertisements please mention PEDIATRICS.

Exclusive crescent shape
is important advantage of



New Heinz Teething Biscuits for Babies

Nutritive Analysis (based on 100 grams)

Calories.....	373
Total solids.....	94.1 grams
Protein.....	9.9 grams
Fat.....	2.3 grams
Ash.....	2.4 grams
Sugars;	
Sucrose.....	30.83 grams
Natural reducing sugar, as invert....	16.45 grams
Starch.....	47.50 grams
Crude fiber.....	1.2 grams
Calcium.....	170.0 milligrams
Phosphorus.....	310.0 milligrams
Iron.....	7.1 milligrams
Sodium Chloride.....	.53 grams
Thiamine.....	.83 mgm
Riboflavin.....	1.02 mgm
Niacin.....	4.5 mgm

● **Tiny hands** can securely hold these Heinz Teething Biscuits. Baby can grasp one curved end easily and maneuver the other to whatever spot in his mouth is giving him teething trouble.

● **Another advantage** is that the biscuit is firm and will not break or crumble. It's almost impossible for baby to get too much in his mouth at one time.

● **Ingredients** are wheat flour, eggs, whole wheat flour, brown sugar, salt, soy flour, honey, corn syrup, iron, defatted milk solids, wheat germ, niacin, dicalcium phosphate, baking soda, thiamine and riboflavin.

● **Heinz Teething Biscuits** are made to an 87-year-old quality tradition. You can recommend them with confidence.

Heinz Baby Foods

THEIR PREPARATION IS OUR MOST IMPORTANT TRUST



H. J. HEINZ COMPANY
Pittsburgh, Pennsylvania



Over 70
Better-Tasting
Kinds

In answering advertisements please mention PEDIATRICS.

C is for collagen tissue

Vitamin C, one of the 8 essential vitamins in Vi-Penta[®] Drops, is needed for sound supporting structure of skin, bone, teeth and blood vessels of your infant patients. Just 0.6 cc a day supplies the full complement of a baby's requirements.

Vi-Penta Drops are dated to assure full potency.

'Roche'





'Roche' Original Research in Medicine and Chemistry



KIDS LOVE 'EM*

***WORMS HATE 'EM**

No fasting • No special diets • No purging

The new Piperazate Wafers, utilizing less toxic, insoluble piperazine phosphate, provide the shortest, most pleasant piperazine treatment yet developed for intestinal helminths. For pinworm, *only one dose a day* for just *one week* is required; for roundworm, a *single dose*.

Kids love the cool, tasty mint flavor of Piperazate Wafers. There is no possibility of spillage or variation in the size of the dose. And the use of Piperazate avoids the high incidence—35-50%—of nausea, vomiting and diarrhea associated with gentian violet therapy.¹

Piperazate assures a 90% cure rate in one week's treatment of pinworm² and an 85% cure rate in one day's treatment of roundworm.³

**One Week Dosage
for Pinworm**

Children 15-30 lbs. . . . 1 Wafer
 Children 31-60 lbs. . . . 2 Wafers
 Children 61 lbs.
 and over 4 Wafers

To be sucked or chewed before
 breakfast for 7 consecutive days.

**One Day Dosage
for Roundworm**

Children 20-30 lbs. . . . 3 Wafers
 Children 31-40 lbs. . . . 4 Wafers
 Children over 40 lbs.
 and adults 7 Wafers

To be taken at one time on one day
 only.

New

Piperazate* Wafers

piperazine phosphate, Leeming, 500 mg.

Supplied:
 In packages
 of 28 Wafers

1. Goodman, L., and Gilman, A.: Pharmacological Basis of Therapeutics, New York, Macmillan, 1955, p. 1153. 2. Brown, H. W., et al.: The Treatment of Enterobiasis and Ascariasis with Piperazine, J.A.M.A., 161:515 (June) 1956. 3. Hoekenga, M. T.: Experiments in the Therapy of Human Ascariasis, World Med. J. 3: (Sept.) 1956.

TRADEMARK

Thos. Leeming & Co. Inc. 155 East 44th Street, New York 17, N. Y.

In answering advertisements please mention PEDIATRICS.

Meat...

and Adequate Protein Nutrition in Early Childhood

During the second and third years of childhood the skeletal muscles should increase by about one-third.¹ Diets deficient in protein, however, may permit little or no muscle increment. As a result of such diets the child displays an habitual fatigue posture and low vigor.

Foods which contribute valuably to the protein, B vitamin, and mineral needs of the young child include meat (beef, lamb, pork, veal), liver, poultry, fish, milk, cheese and other dairy products. Recommended weekly diets provide one daily serving of lean muscle meat for six days and one serving of liver for one day.^{2,3}

Meat protein, approximating 25 per cent of cooked lean meats of beef, lamb, pork, and veal, is high in biologic value. The table shows the valuable amounts

of nutrients supplied by one ounce of the respective meats and of liver. Pork is especially notable as an outstanding source of thiamine. By accustoming the child to a variety of flavors and textures, the many kinds and cuts of meat serve well in the development of good eating habits which carry over into subsequent years.³

1. Stearns, G.: *Assessment of the Incidence of Nutritional Deficiency in Infants, Children and Adolescents* (Proceedings of the National Food and Nutrition Institute), Washington, D. C., Agricultural Handbook No. 56, United States Department of Agriculture, 1953.

2. Nelson, W. B.: *Textbook of Pediatrics*, ed. 6, Philadelphia, W. B. Saunders Company, 1954, p. 122.

3. Martin, E. A.: *Roberts' Nutrition Work with Children*, Chicago, The University of Chicago Press, 1954, pp. 225-228.

4. Watt, B. K., and Merrill, A. L.: *Composition of Foods—Raw, Processed, Prepared*, Washington, D. C., United States Department of Agriculture, Agricultural Handbook No. 8, 1950.

Nutrient and Caloric Contribution of One Ounce of Cooked Meats ⁴							
	Protein	Thiamine	Riboflavin	Niacin	Phosphorus	Iron	Calories
Beef round	7.7 Gm.	0.02 mg.	0.06 mg.	1.6 mg.	64 mg.	1.0 mg.	77
Lamb, leg roast	6.7 Gm.	0.04 mg.	0.07 mg.	1.5 mg.	73 mg.	0.9 mg.	66
Pork loin	6.7 Gm.	0.24 mg.	0.07 mg.	1.4 mg.	67 mg.	0.9 mg.	95
Veal, shoulder roast	8.0 Gm.	0.04 mg.	0.09 mg.	2.2 mg.	73 mg.	1.0 mg.	64
Beef liver*	6.7 Gm.	0.08 mg.	1.13 mg.	4.2 mg.	138 mg.	2.2 mg.	59*

*Also, 15,165 I.U. vitamin A.

The nutritional statements made in this advertisement have been reviewed by the Council on Foods and Nutrition of the American Medical Association and found consistent with current authoritative medical opinion.

American Meat Institute
Main Office, Chicago... Members Throughout the United States

In answering advertisements please mention PEDIATRICS.

now

Meti-steroid potency and safety

available for

topical skin therapy

new

Meti-Derm^{*}

Cream 0.5%

with METICORTELONE, original brand of prednisolone

- more active than topical hydrocortisone, milligram for milligram
- no edema and sodium retention reported upon topical administration
- provides topical METICORTELONE in the free alcohol form. For effective relief of allergic (atopic) dermatoses, poison ivy dermatitis and other contact dermatoses, nonspecific anogenital pruritus.

formula: Each gram of METI-DERM Cream contains 5 mg. of prednisolone, free alcohol, in a water-washable base.

also for allergic, inflammatory dermatoses, minor secondary infections

Meti-Derm Ointment with Neomycin

formula: Each gram contains 5 mg. prednisolone and 5 mg. neomycin sulfate (equivalent to 3.5 mg. neomycin base) in a white petrolatum base.

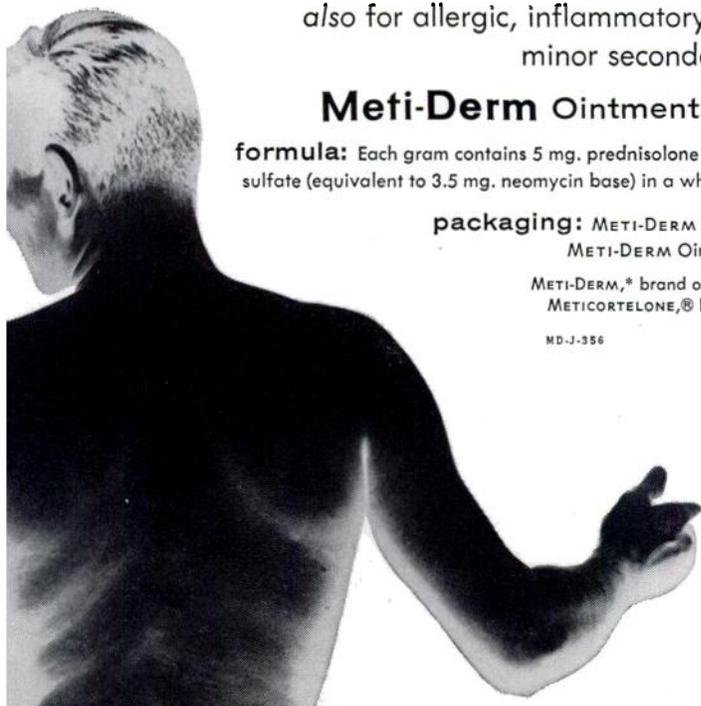
packaging: METI-DERM Cream, 10 Gm. tube.
METI-DERM Ointment, 10 Gm. tube.

METI-DERM,^{*} brand of prednisolone topical.
METICORTELONE,[®] brand of prednisolone.

ND-J-356

*T.M.

Schering



ACHROMYCIN^{*}

Tetracycline Lederle

ACHROMYCIN is unsurpassed in its range of effectiveness. Each successive month more physicians are confirming this fact for themselves in their own daily practice in the therapy of respiratory, genitourinary, dermatologic and other infections.

ACHROMYCIN can be of service to you because of these important advantages:

- true broad-spectrum action
- rapid diffusion and penetration
- prompt control of infection
- proved effective against a wide variety of infections caused by Gram-positive and Gram-negative bacteria, rickettsiae, and certain viruses and protozoa
- side effects, if any, usually minimal
- produced under exacting quality control in Lederle's own laboratories and offered only under the Lederle label
- a complete line of dosage forms

ACHROMYCIN SF

ACHROMYCIN Tetracycline with STRESS FORMULA VITAMINS for severe or prolonged illness. Attacks the infection — defends the patient — hastens normal recovery. Offered in Capsules of 250 mg. and in an Oral Suspension, 125 mg. per 5 cc. teaspoonful.

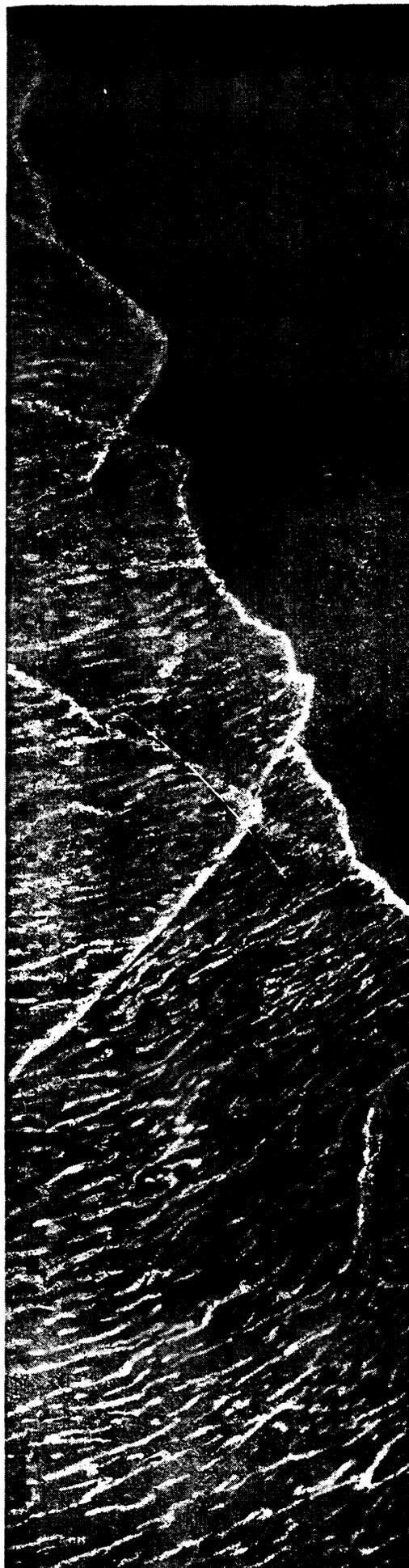


LEDERLE LABORATORIES DIVISION
AMERICAN CYANAMID COMPANY
PEARL RIVER, NEW YORK



^{*}REG. U. S. PAT. OFF.

PHOTO DATA: 8 X 10 GROVER VIEW CAMERA
100 SEC. AT F.22 EXISTING LIGHT



ACHARD MINGIN



new **silicone** nipples offer your baby patients these advantages



“Anti-Colic®” Nipples—now available in Silicone rubber, a chemically safe compound—will not swell, soften or change shape despite repeated sterilization.

A complete set of Silicone Nipples offers baby these 3-way benefits:

- 1 Assures uniform shape and firmness of each nipple for every daily feeding.
- 2 Consistent firmness aids in oral exercise and jaw development.
- 3 Because it keeps its shape, it eliminates possibility of oral malformation due to over enlarged nipples.

Other Silicone advantages that will appeal to the mother:

- 1 They're non-toxic, odor-free, tasteless—have an appealing light color. Will not absorb oil or butter fat.
- 2 Will last throughout the entire bottle feeding period.
- 3 Available in 2 styles: “Dual Purpose” to fit most screw-top nursing units. “Sani-Tab” for narrow-neck bottles.

Hospital and consumer tested. In maternity hospital tests Davol Silicone Nipples were sterilized 4 times daily—used for 60 days with no deterioration. Mothers reported no deterioration after 3 months use.



In answering advertisements please mention PEDIATRICS.

The Protein Contribution of Oatmeal



IN PEDIATRIC NUTRITION, oatmeal, with its easy digestibility and assimilation, and its wealth of essential nutrients, merits recommendation among the first solid-feeding foods as soon as spoon-feeding can be instituted.

Oats are richer in protein than other cereal grains commonly used for breakfast food purposes.¹

Milled to retain all parts of the hulled oat kernel, rolled oats contain the protein of the germ and the outer seed layers as well as that of the inner cells.² Neither the commercial processing of oats nor the cooking of oatmeal in the home impairs the biologic value of the constituent protein.^{3,4}

Experimental studies have established that the protein of oats is of higher biologic value than that of other grains.^{5,6}

As eaten, the dish of oatmeal—1 ounce of oatmeal (weight before cooking) and 4 ounces of whole or skim milk—presents approximately equal amounts of oat protein and milk protein. This combined protein, readily applicable for all protein needs, supports excellent growth as well as tissue maintenance.⁷

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The Quaker Oats Company
CHICAGO



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EVERY LISTED PEDIATRIC SPECIALIST

was questioned by an independent research organization about an article published in the Archives of Pediatrics. These specialists were asked whether they agreed with the reprint material.

Of the pediatricians who believed their experience justified an opinion, 156—81.7%—replied yes to all three points in question.

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NEW, Easy-Pouring Spout!**

- a** | gives "more available caloric energy" than any wheat, rye, barley, corn or oat cereal. Of the 227 pediatricians answering definitely, 192—84.6%—said yes.
- b** | is "more easily digestible" than any other kind of cereal. Of the 248 answering definitely, 212—85.5%—said yes.
- c** | gives "nutritional energy more rapidly" than any other kind of cereal. Of the 220 answering definitely, 178—80.9%—said yes.

**In addition, Cream of Rice is
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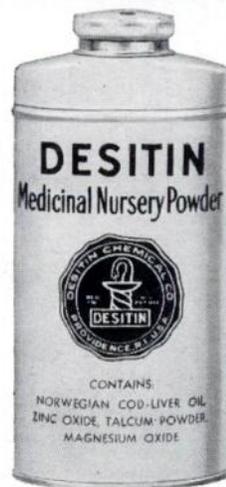
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