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- I. Amer. Medical Association: New and Nonofficial Remedies, J. B. Lippincott Co.,
- Philadelphia, 1951. 2. Carrol, G. & Allen, H. N.: J. Urol, 55:674, 1946.
- Kirwin, T. J. & Bridges, J. P.: Am. J. Surg. 52:477, 1941.
 Simons, I.: J. Urol. 64:586, 1950.

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.

is more common

ACE	NO. SUBJECTS EXAMINED	NO. WITH SCURVY	% WITH SCURVY	NO. WHITE SUBJECTS	NO. WITH SCURVY	NO. NEGRO SUBJECTS	NO. WITH SCURVY
0-15 da.	360	0	0	174	0	186	0
16-30 da.	90	1	-	41	1	49	0
1 mo.	99	0	0	48	0	51	0
2 mo.	90	2	2.2	34	2	56	0
3 mo.	69	2 3 2	4.3	31	2 3	38	0
4 mo.	79	2	2.5	26	1	53	1
5 mo.	73	12	16.5	25	3	48	9
6 mo.	53	13	24.5	19	35	34	8
7 mo.	54	10	18.5	22	7	32	3
8 mo.	40	5	12.5	18	2	22	3
9 mo.	38	10	26.3	12	4	26	6
10 mo.	41	5	12.2	16	0	25	5
11 mo.	40	3	7.5	12	0	28	3
12-23 mo.	177 ·	3	-	68	1	109	2
Total	1303	69		546	29	757	40

PREVALENCE OF SCURVY

than many think

Histological examination* of bone structure in 1300 infant post mortems revealed that scurvy occurred more than 10 times as frequently as is usually shown by clinical diagnosis. The most susceptible age is from the fifth through the eleventh month, with approximately 17% of .nfants exhibiting the histological signs. Over half of the children with scurvy had never received supplemental vitamin C. How easy to prevent, when Florida citrus is so rich in vitamin C content — so convenient, so economical, and so pleasant to take!

* Bull. Johns Hopkins Hosp. 87:569, 1950. FLORIDA CITRUS COMMISSION • LAKELAND, FLORIDA



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* Lane, C. G., "Therapeutic Dermatitis", New Eng. J. Med., 246:77-81, 1952

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"At 20 weeks... the meat-fed or experimental group exceeded the control by a significant amount. The mean difference in hemoglobin concentration of the experimental group and that of the control group was 1.0 gm. per 100 ml. This finding is of interest especially since the experimental and control groups both received more than adequate amounts of iron added to the diet."

This study supports the earlier findings of Leverton and Clark (summarized on opposite page), in which meat begun at 6 weeks in the formula of full-term infants not only checked the drop in hemoglobin characteristic of this age, but actually promoted hemoglobin and red blood cell formation.

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*Pediatrics, April 1952, Vol. 9, No. 4, pg. 485

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xxiv



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of the usual four (assuring more absorption) and slide under Boater's deck flaps with ease.

Diapers are folded to six thicknesses instead

> While baby is on either back or tummy, just slip Boater under him as far as the waistline and pull up other end between legs.

Snap Boater together on both sides, adjusting snaps so that waistband fits snugly, yet comfortably, and leg action remains free.

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 Heimer, C. B., Grayzel, H. G., and Kramer, B.: Archives of Pediat. 68:382, 1951.
 Behrman, H. T., Combes, F. C., Bobroff, A. and Leviticus, R.: Ind. Med. & Surg. 18:512, 1949.



even a "first-time father" can prepare it with ease

Though "boiling water" is the extent of his culinary skill, the newest of fathers can, with Similac Liquid, readily prepare a formula closely approximating human breast milk in nutritional quality and digestibility.

One part Similac Liquid added to one part sterilized water provides the standard 20 cal./fl. oz. feeding formula.

SO SIMILAR TO HUMAN BREAST MILK: there is no closer equivalent to the milk of healthy, well-nourished mothers in prepared liquid form than

Provides: fat, protein and carbohy. drate closely approximato ing the content of mother's milk in quantity and quality; 50 mg. of ascorbic acid per reliquefied quart; vita (naturally occurring, in breast milk quantities); other vitamins in adequate amounts; zero curd tension for easy and quick

S . 1

Liquid

Supplied: Tins containing 13 fl. oz. Also available: SIMILAC Powder, tins containing 1 lb.



M & R Laboratories - Columbus 16, Oh



of America's "First Family" of Juices for Babies and Growing Children /

You'll pardon us if we seem to boast . . . we have good reason! Not only are the two new additions to our family of juices for babies being acclaimed by Mothers all over America, but you, of the Medical Profession, have greeted the announcement of their availability with such unanimous approval, such enthusiasm that it nearly turned our heads.

Thank you for your support—we promise that all BIB products will continue to be held to the standards that merit your approval.

All 3 supply baby's daily needs of natural Vitamin C.

Serve in 6 seconds. Nothing to squeeze, strain, thaw or mix. Flow freely through bottle nipples. Uniformly standard.



America's "First Family" of Juices for Babies and Growing Children

We'll be happy to send you samples & literature—write to: THE BIB CORP., DEPT. DQ-3, BOX 866, LAKELAND, FLORIDA

In answering advertisements please mention PEDIATRICS.

BIB ORANGE JUICE Easy to digest, Peel Oil practically eliminated. Natural Vitamin C Content Guaranteed-more than 40 mg/100 cc when packed.

BIB ORANGE-APRICOT A taste-change for baby -can often be tolerated by babies who reject Orange Juice . . . more than 30 mg/100 cc Natural Vitamin C when packed.

> **BIB PRUNE-ORANGE** Highly palatable, gently laxative...more than 30 mg/100 cc Natural Vitamin C when packed.





Steadily assimilated carbohydrates

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Widespread clinical experience has established Cartose as a valuable modifier of milk in any form.

Cartose contains a mixture of carbohydrates dextrins, maltose and dextrose—each having a different rate of assimilation.

Added to the infant's formula, Cartose assures a steady absorption of carbohydrate with a corresponding low rate of fermentation and low incidence of digestive disturbances.





in seborrheic dermatitis particularly "when ... superficial irritation and eczematization or maceration are present ... and when other conventional remedies irritate."*

> *Sulzberger, M. B., and Baer, R. L.: Arch. Dermat. & Syph. 58:224, 1948.

Vioform^R (iodochlorhydroxyquinoline) Cream and Vioform Ointment available in 1 oz. tubes and 1 lb. jars.

Ciba pharmaceutical products, inc., summit, new jersey

In answering advertisements please mention PEDIATRICS.

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1/1702 M



behind these sub-clinical conditions... LERGY?

\mathbf{R} MEYENBERG $^{\otimes}$ EVAPORATED GOAT MILK

digestive upset

These conditions may indicate cow's milk lactalbumin allergy. Often, this easy simple formula change brings almost immediate relief... and the patient continues to receive *natural* milk.

At the first sign of any of these conditions, specify Meyenberg Evaporated Goat Milk to be certain you get prescription-quality evaporated goat milk, prepared exclusively from California Grade A milk. Packed in golden-lined, vacuumed 14 oz. cans, Meyenberg Evaporated Goat Milk is available nationally.





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1. Lewis, J. M. and Cohlan, S. Q.: M. Clin. N. A. 34:413, March 1950.

Samples on request.



U. S. VITAMIN CORPORATION Casimir Funk Laboratories, Inc. (affiliate) 250 East 43rd St., New York 17, N. Y.

In answering advertisements please mention PEDIATRICS.

xxxv

Finer Fruits And Vegetables Make Heinz Baby Foods First Choice For Flavor!

Only Fruits And Vegetables From America's Finest Farmlands Are Rich Enough In Flavor, Vitamins And Minerals For Heinz Baby Foods. That's Why—When You Recommend Heinz—You Can Be Sure Babies In Your Care Get The Maximum In Health Building Elements And Appetite-Tempting Flavor.



OVER 50 VARIETIES: STRAINED FOODS . . . JUNIOR FOODS . . . PRE-COOKED CEREAL FOOD . . . PRE-COOKED OATMEAL CEREAL . . . PRE-COOKED BARLEY CEREAL

In answering advertisements please mention Pediatrics.

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SUPPLIED: Bottles of 50 and 250 Each ADCET* provides:

5000 units of synthetic vitamin A

1000 units of natural vitamin D concentrate

50 mg. ascorbic acid



Walker LABORATORIES, INC., MOUNT VERNON, NEW YORK

*Trademark of Walker Laboratories, Inc.





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.

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PELARGON

A lactic acid milk formula providing all the nutrient essentials required, Pelargon proves advantageous not only in the routine feeding of normal infants but particularly when feeding difficulties are encountered, as in prematures, in marasmic infants, and in infants with digestive disturbances.

Pelargon is a spray-dried, lactic acid milk modified with sucrose, starch, dextrins, maltose, and dextrose. It is fortified with vitamins A and D, thiamine, ascorbic acid, and iron citrate. Its vitamin and mineral content—providing one-third more than the minimum daily requirement—satisfies all the known nutritional needs of the infant.

The lactic acid in Pelargon promotes ready digestion and prompt absorption. Gastric digestion is enhanced, and the mixture of carbohydrates makes for "spaced" absorption. As with human milk, the flocculent curds produced by Pelargon are of zero tension.

THE NESTLE COMPANY, INC. colorado springs, colorado







RHEUMATOID ARTHRITIS



ADDISON'S DISEASE



ADRENOGENITAL SYNDROME



FOLLOWING BILATERAL ADRENALECTOMY

*CORTONE is the registered trade-mark of Merck & Co., Inc. for its brand of cortisone. This substance was first made available to the world by Merck research and production.



MERCK & CO., INC. Manufacturing Chemists WAY, NEW JERSEY da: MERCK & CO. Limited - Montreal

In answering advertisements please mention PEDIATRICS.

For accurate adjustment of Maintenance Dosage and for therapy in conditions responding to Low Dosage

Advantages of 5-mg. Tablets

FLEXIBILITY-

Used alone or in conjunction with the 25-mg. tablets, the new 5-mg. tablets afford greater flexibility in adjusting dosage to the individual patient's requirements. Fluctuations in the natural course of rheumatoid arthritis may be better controlled.

ACCURACY-

Permit more accurate establishment of minimum maintenance doses, thus controlling symptoms more closely and further minimizing the incidence of undesirable physiologic effects.

ECONOMY-

Prevent waste of CORTONE by more exact correlation between requirement and dosage.

Literature on Request

(CORTISONE ACETATE, MERCK)



often ask for more when they taste its delicious lemon-candy flavor. Children take it without coaxing, right from the spoon. Here is acceptability-plus.

B12 Content Now Tripled But glance at its potent formula. Each 5-cc. spoonful

Improved formula

Ascorbic Acid

Vitamin B₁₂ Activity (by microbiological assay)

..... 40 mg.

3 mcg.

10 mg.

of VI-DAYLIN now contains 3 mcg. of vitamin B₁₂-three times as much as before-as well as recommended daily allowances of six other essential vitamins. Here, too, is sound vitamin therapy. No fear of spoilage with VI-DAYLIN-even in thrifty 1-pint Each 5-cc. teaspoonful of VI-DAYLIN contains: sizes-for VI-DAYLIN is stable for as long as two years with-Vitamin A..... 3000 U.S.P. units out refrigeration. Leaves no fishy odor or resistant stains, Vitamin D. 800 U.S.P. units Thiamine Hydrochloride 1.5 mg. Riboflavin..... 1.2 mg.

can be mixed with milk or other foods for infants. In 90-cc., 8-fluidounce and 1-pint

bottles at all pharmacies.

Abbott

Meat and its Important Contribution of Essential Minerals

With the exception of calcium and iodine, meat, as customarily consumed, makes an important contribution to the mineral needs of the American people.¹ Its minerals include those needed in substantial amounts as well as those needed in trace amounts only.

The array of data listed below gives the approximate amounts of minerals provided by muscle meat when seven ounces per day are consumed.¹ The minerals include those now known to be essential components of the human organismthe skeletal framework and teeth, soft tissue structures including blood, and substances concerned in regulatory functions.

	Beef Round	Lamb Leg	Pork Loin	Veal Shoulder
Minerals, total ²	2.0 Gm.	1.8 Gm.	1.8 Gm.	2.0 Gm.
Calcium ²	22 mg.	20 mg.	20 mg.	22 mg.
Chlorine ³	147 mg.	136 mg.	125 mg.	147 mg.
Copper ¹	0.2 mg.	0.2 mg.	0.2 mg.	0.2 mg.
*Iodine ⁴ (Ohio animals)	0.02 mg.	0.03 mg.	Data not available	0.01 mg.
Iron ³	5.8 mg.	5.4 mg.	5.0 mg.	5.8 mg.
Magnesium [*]	46 mg.	42 mg.	39 mg.	46 mg.
Phosphorus ²	360 mg.	426 mg.	372 mg.	398 mg.
Potassium ³	661 mg.	610 mg.	559 mg.	661 mg.
Sodium ^a	164 mg.	152 mg.	139 mg.	164 mg.
†Cobalt [*]	0.0002 mg.	— —	Data not yet availabl	
†Manganese [*]	0.03 mg.	0.03 mg.	0.02 mg.	0.03 mg.
†Zinc ⁱ	9.4 mg.	— <u> </u>	Data not yet availab	

APPROXIMATE MINERAL CONTENT OF MEATS 200 Gm. (approx. 7 oz.).¹ Edible Portion (Uncooked)

*Iodine content of meat varies with the iodine content of feed of the animals. tNeeded in trace amounts only.

The average values for iron, phosphorus, and copper of the four kinds of meat shown constitute about 46, 25, and 100 per cent, respectively, of the National Research Council's recommended daily allowances for adults, and the average values for chlorine, potassium, and sodium constitute about 14, 63, and 16 per cent, respectively, of the estimated daily adult needs, as based on mineral balance studies.⁶ Although no specific information is available on the quantitative needs for cobalt, magnesium, manganese, and zinc, nutrition information would suggest that the amounts reported above may have nutritional importance or significance.

In addition to its notable content of minerals, meat also furnishes large amounts of biologically complete protein and important amounts of vitamin B complex, which includes biotin, choline, folic acid, inositol, niacin, pantothenic acid, pyridoxine, riboflavin, thiamine, and vitamin B_{12} . On the basis of its rich contribution of nutritional essentials, meat well deserves its prominent place in the daily diet of the American people, the world's best-nourished people.

- Son, H. J.: Bridges' Dietetics for the Clinician, ed. 5, Philadelphia, Lea & Febiger, 1949, p. 800.
 Mitteldorf, A. J., and Landon, D. O.: Analytical Chem-istry, Spectrochemical Analysis of Beef for Mineral-Element Content, Armour Research Foundation of Illi-nois Institute of Technology. In Press.
 Dauphinee, J. A.: Sodium, Potassium, and Chloride Malnutrition, Including Water Balance and Shock, in Jolliffe, N.; Tisdall, F. F., and Cannon, P. R.: Clinical Nutrition, New York, Paul B. Hoeber, Inc., 1950, p. 341.

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.



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

Recent estimates of the U. S. Department of Agriculture indicate that the per capita consumption of meat in the United States approaches seven ounces per day.
 Watt, B. K., and Metrill, A. L.: Composition of Foods --Raw, Processed, Prepared, In Agriculture Handbook No. 8, United States Department of Agriculture, 1950.
 Estimated on basis of protein content of meats. Sher-man, H. C.: Food Products, ed. 4, New York, The Macmillan Company, 1948, p. 135.
 Ohio animals; varies with iodine content of feed. John-



Breck Soap, Ba

Baby Breck Soap is made especially for washing a baby's sensitive skin. It is a mild, long lasting soap superfatted with lanolin and cold cream. In addition, Baby Breck Soap contains the skin antiseptic, hexachlorophene. Baby Breck Soap is antiseptic, deodorant and aids in the prevention of diaper rash and skin infection. Use of Baby Breck Soap will keep a baby's skin soft and smooth.

Baby Breck Soap 3 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.

"Regulated" baby feeding

THE different METHOD OF BOTTLE NURSING

own feeding pace.

• T. M. Reg. U.S. Pat. Of.

INFANT NURSERS may seem alike but they function quite differently! The unique Davol "Anti-Colic"* Nurser offers a truly different principle in bottle feeding. Because of its exclusive design, this Nurser can actually be "regulated" to each baby's

A TWIST OF THE COLLAR ... controls the flow. Just loosen collar and speed up flow of formula-tighten it and slow down flow. So easy to get the just-right rate for baby's natural feeding pace. Collar can be adjusted without removing Nurser from baby's mouth-permitting uninterrupted feeding.

different, too... the famous Davol "Anti-Colic"

Nipple, recommended by doctors and nurses for years. Here's why:

 Specially constructed one-way air vent lets air in, won't let formula leak out.

- Helps prevent airswallowing.
- · Greatly reduces nipple collapse.

• Patterned after maternal breast to help baby suck more naturally. · Made of pure amber rubber.





"It's the Nipple That Makes the Nurser"

An informative treatise, "The Nurser-Fed Infant," concerning the importance of newer technics on growth and development of the infant mouth, is yours upon request. Also contains a detailed account of the function of the new Davol "Anti-Colic" Nurser.†



1	Davol Rubber Company, Dept. P-2-6
	Providence 2, R. 1.

Name.....

Address

City_____State____

Made by the World-Famous Davol Rubber Company, Providence 2. R. I., Mfrs. of Fine Surgical and Hospital Rubber Goods, In answering advertisements please mention PEDIATRICS.



milk is entirely replaced by animal and vegetable oils.

COUNCIL ON LOUNSIL ON LOUNS AND NUTRITION

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

APPROXIMATE ANALYSIS

Protein	•	•	•	4.9%		
†Carbohy	dro	ate		8.3		
Fat	•	•	•	5.8		
Ash	•	•	•	1.2		
Calcium	•	•	•	0.19		
Phospho	ru:	5 .	•	0.15		
lron	•	•	•	0.0016		
Moisture	•	•	.7	79.8		
Calories	•					
fl. oz.	•	·	•	32		
tonly from milk used— no added sugar.						

V ESSENTIAL FATTY ACIDS—Varamel provides twice the amount of essential unsaturated fatty acids recommended by The Food and Nutrition Board of the National Research Council.

efficient utilization of the dietary fat, in Varamel the milk fat of cows'

 \checkmark CARBOHYDRATE—Varamel contains only the lactose in the milk used. The physician can add the most desirable sugar in the amount needed by the individual infant.

 \checkmark **PROTEINS** — When diluted with an equal volume of water, Varamel contains 2.5 percent protein. This provides the infant daily with 3.5 to 4 grams of protein per kilogram of body weight when fed in normal amounts.

VITAMINS — Varamel provides adequate amounts of Vitamins A. D. thiamin, niacin and riboflavin. A source of Vitamin C must be prescribed.

 \checkmark MINERALS — Varamel contains all of the mineral salts of cows' milk, together with added iron, so that the infant is supplied with adequate amounts of calcium, phosphorus, iron and other minerals.

Varamel is indicated wherever evaporated or whole milk formulas are ordinarily used . . . Write for samples and complete details.

THE BAKER LABORATORIES, INC., Cleveland 3, Ohio Plant: East Troy, Wisconsin. Division offices: Atlanta, Dallas, Denver,

Greensboro, N. C., Los Angeles, San Francisco, Seattle

Available only in drugstores



Untracht and Hertzmark, "rice . . . shows the fewest allergic As reported in the Archives of Pediatrics by Slobody, reactions of any cereal checked . . . Even children poten-tially allergic to rice have been shown to tolerate it well when it is cooked in the presence of moisture." GROCERY STORE PRODUCTS CO., DEPT. P-6, RICE **MOST HYPOALLERGENIC, TOO** WRITE FOR PROFESSIONAL SAMPLES: In addition, Cream of Rice is WEST CHESTER, PA. Q REAM out of 5 Pediatricians than any wheat, rye, barley, corn or oat cereal. Of the 227 pediatricians answering definitely, 192-84.6% - said yes. than any other kind of cereal. Of the 220 an-swering definitely, 178–80.9%– said yes. than any other kind of cereal. Of the 248 answering definitely, 212-85.5% – said yes. 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 jus-tified an opinion, 156-81.7% - replied yes to all three gives "nutritional energy more rapidly" gives "more available caloric energy" agree that is "more easily digestible" points in question. 0 ٥ J

EVERY LISTED PEDIATRIC SPECIALIST

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Check list for JOHNSON'S BABY LOTION

V Backed by extensive clinical studies on animal and human subjects . . .

> Effective against a wide variety of potential pathogens commonly found on the infant's skin ...

> Manifests a gratifyingly low incidence of sensitization . . .

Of proved value in the prophylaxis and therapy of miliaria, excoriated buttocks, diaper rash, impetigo, and cradle cap...

 \checkmark

Smooth-textured, readily vanishing and pleasantly fragrant ...

Excellent for general cleansing and lubrication of the skin, whether applied to the perineal region only, or the entire body...

JOHNSON'S BABY LOTION Johnson Johnson

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Johnson's BABY OTION



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