SHOULD VITAMIN D BE GIVEN ONLY TO INFANTS?

VITAMIN D has been so successful in preventing rickets during infancy that there has been little emphasis on continuing its use after the second year.

But now a careful histologic study has been made which reveals a startlingly high incidence of rickets in children 2 to 14 years old. Follis, Jackson, Eliot, and Park* report that postmortem examination of 230 children of this age group showed the total prevalence of rickets to be 46.5%.

Rachitic changes were present as late as the fourteenth year, and the incidence was higher among children dying from acute disease than in those dying of chronic disease.

The authors conclude, "We doubt if slight degrees of rickets, such as we found in many of our children, interfere with health and development, but our studies as a whole afford reason to prolong administration of vitamin D to the age limit of our study, the fourteenth year, and especially indicate the necessity to suspect and to take the necessary measures to guard against rickets in sick children."


MEAD'S Oleum Percomorphum With Other Fish-Liver Oils and Viosterol is a potent source of vitamins A and D, which is well taken by older children because it can be given in small dosage or capsule form. This ease of administration favors continued year-round use, including periods of illness.

MEAD'S Oleum Percomorphum furnishes 60,000 vitamin A units and 8,500 vitamin D units per gram. Supplied in 10- and 50-cc bottles and bottles of 50 and 250 capsules. Ethically marketed.

MEAD JOHNSON & COMPANY, Evansville 31, Ind., U.S.A.
SIMILAC FEEDINGS ARE

EASY TO PREPARE

It takes only 30 seconds to induce solution if the powder is floated on top of the water. Lukewarm, boiled water is desirable.

No need to mix several ingredients — hence the possibility of errors in measurement is greatly reduced.

The ratios of fat, sugar, and protein, and the zero curd tension, remain constant regardless of concentration... Therefore, no gastrointestinal disturbance will normally occur, should the mother err occasionally in counting the number of measures of Similac powder.

The level tablespoon measure in each can eliminates the possibility of underfeeding or overfeeding due to varying sizes of "tablespoons."

Result: Similac reduces dietary disturbances traceable to mothers' errors in preparation of the formula.

SIMILAC...a dependable food
during the all-important first year
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M & R DIETETIC LABORATORIES, INC. • COLUMBUS 16, OHIO

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PYRIBENZAMINE DELAYED ACTION TABLETS

for night-long allergic relief

By administering one delayed action tablet along with one uncoated tablet of Pyribenzamine hydrochloride on arising, most patients with allergic symptoms will obtain relief throughout the night. The uncoated tablet is usually effective for a period of 4 to 6 hours after ingestion. The unique Pyribenzamine delayed treatment thus provides night-long relief for most allergic patients.

PYRIBENZAMINE - usual tablets 50 mg., boxes of 50, 100 and 1000, also 45 mg. per cc., bottles of 500 and 1000. (Comes in packages of 100.)

PYRIBENZAMINE DELAYED ACTION TABLET - 45 mg. per cc., bottles of 500 and 1000. (Comes in packages of 100.)

Ciba PHARMACEUTICAL PRODUCTS, INC., SUMMIT NEW JERSEY

December 1950
PYRIBENZAMINE
DElayed Action Tablets

for
night-long
allergic relief

By administering one delayed action tablet along with one uncoated tablet of Pybenamine hydrochloride on setting, most patients with allergic symptoms will obtain relief throughout the night.

The uncoated tablet is usually effective for a period of 4 to 6 hours. The delayed action tablet is protected by a special coating so that the drug is not released for absorption until 4 to 6 hours after ingestion. The unique Pybenamine tablet assembly thus provides night-long relief for most allergic patients.

PYRIBENZAMINE - scored tablets 10 mg., bottles of 50, 100 and 1000. 6 mg. per cc., bottles of 48 and 6000. (Novel Amended.)

PYRIBENZAMINE DELAYED ACTION TABLETS - 4 mg. per cc., bottles of 100 and 1000. (Novel Amended.)

Ciba

PYRIBENZAMINE (brand of Pybenamine)—Trade Mark Reg'd U.S. Pat. Off.

December
only two or three drops

PRIVINE
A DISTINGUISHED NASAL VASOCONTRACTOR

high potency Only two or three drops of the 0.05 per cent solution of Privine hydrochloride usually give prompt and complete relief of nasal congestion and hypersecretion.

prolonged action The effect of each application of Privine provides twenty-six hours of nasal comfort, thus avoiding the inconvenience of frequent replications.

bland and non-irritating Privine is prepared in an isotonic aqueous solution buffered to a pH of 6.2 to 6.3. Artificial differences in osmotic pressure between solution and epithelium are avoided; stinging and burning are usually absent.

relatively free from systemic effects Although a sedative effect is occasionally noted in infants and young children — usually after gross overdose — Privine is generally free of systemic effects. The absence of central nervous stimulation permits the use of Privine before retiring without interfering with restful sleep.

PRIVINE PHARMACEUTICAL PRODUCTS, INC., 3000 S. 5TH STREET, NEW HERSEY

Privine 0.05% per cent for all prescriptive purposes, <1 per cent per order for office purposes.

Ciba

DECEMBER
**BULLETIN**

**PRIVINE**

A DISTINGUISHED NASAL VASOCONSTRICCTOR

- **high potency**: Only two or three drops of the 0.05 per cent solution of Phenylephrine hydrochloride usually give prompt and complete relief of nasal congestion and hypersecretion.

- **prolonged action**: The effect of each application of Privine provides two to six hours of nasal comfort, thus avoiding the inconvenience of frequent application.

- **bland and non-irritating**: Privine is prepared in an aqueous solution buffered to a pH of 6.2 to 6.3. Artificial differences in osmotic pressure between solution and epithelium are avoided; stinging and burning are usually absent.

- **relatively free from systemic effects**: Although a sedative effect is occasionally noted in infants and young children, usually after gross overdose - Privine is generally free of systemic effects. The absence of central nervous stimulation permits the use of Privine before retiring without interfering with normal sleep.

*Ciba Pharmaceutical Products, Inc., Summit, New Jersey*

Privine is a generic brand for Phenylephrine HCl.

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**THE MAHONING COUNTY MEDICAL SOCIETY**

**MEDICAL CALENDAR**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Tuesday</td>
<td>Monthly Staff Meeting, Youngstown Hospital Auditory - Nurses' Home</td>
</tr>
<tr>
<td>6th Monday</td>
<td>Monthly Staff Meeting, St. Elizabeth's Hospital - Nurses' Home</td>
</tr>
<tr>
<td>2nd Thursday</td>
<td>Monthly Medical Conference, Youngstown Hospital - Nurses' Home</td>
</tr>
<tr>
<td>3rd Tuesday</td>
<td>Monthly Meeting, Mahoning County Medical Society - Nurses' Home</td>
</tr>
<tr>
<td>Every Tuesday</td>
<td>Orthopedic Conference, St. Elizabeth's Hospital</td>
</tr>
<tr>
<td>Every Thursday</td>
<td>Orthopedic Section, Library - South Side Unit, Youngstown Hospital</td>
</tr>
<tr>
<td>Every Friday</td>
<td>Orthopedic Conference, Youngstown Hospital - Nurses' Home</td>
</tr>
<tr>
<td>Ah., Saturdays</td>
<td>Obstetrical Section - North Side Unit of Youngstown Hospital</td>
</tr>
</tbody>
</table>

**COMING MEETINGS**

- American College of Physicians, Annual Session, New York City, March 28-April 1, 1949.
- Mahoning County Annual Post-Graduate Day, April 13, 1949.
- Ohio State Medical Association Annual Meeting, Columbus, April 19-22, 1949.

1949
December is a month of inventory and survey of functions in most organizations. The Mahoning County Medical Society proceeds from year to year with much overlapping in new advancements. This year saw the realization of "The Medical Service Foundation of Mahoning County" which is the result of several years efforts and it is now ready to function.

Our members are represented on many civic organizations where medical experience is of value. There is always room for advancement and the future looks bright both for local projects and scientific achievements.

It has been a pleasure to serve as President for the year 1948 and I wish to thank the Society for that honor. The splendid support by the chairmen of the various committees and the members has made the year enjoyable. Any society is the responsibility of each and every member so don't forget the annual business meeting and elections on Tuesday, 8:30 P. M., December 21, in the Mezzanine Suite, 200-206 Pick-Ohio Hotel.

Best wishes for the Holiday Season and for the New Year.

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JOHN NOLL, M. D.
The physical and emotional distress caused by hot flushes, nervous spells, and other symptoms may completely alter the personality and life pattern of the woman at the climacteric. Clinical experience has shown that, in the majority of cases, prompt remission of disturbing symptoms can be expected following the use of "Premarin." In addition, this natural oral estrogen usually imports "a sense of well-being... the plus in "Premarin" therapy which enables the patient to resume an active and enjoyable existence.

Three potencies of "Premarin" permit the physician to adopt therapy to the particular needs of the patient, tablets of 2.5 mg., 1.25 mg., and 0.625 mg., also liquid containing 0.625 mg. in each 4 cc. (1 teaspoonful).

While sodium estrone sulfate is the principal estrogen in "Premarin," other equine estrogens...estradiol, equilin, equilenin, hippulin...are probably also present in varying amounts as water soluble conjugates.

*CONJUGATED ESTROGENS (equine)

"PREMARIN"

Ayerst, McKenna & Harrison Limited
22 East 40th St., New York 16, N. Y.

*Estrogenic Substances (water soluble) also known as Conjugated Estrogens (equine)
middle age + buoyant activity

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<tr>
<th>Potency</th>
<th>Tablets</th>
<th>Liquid Containing 0.625 mg per 4 cc.</th>
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<tbody>
<tr>
<td>2.5 mg</td>
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Ayerst, McKenna & Harrison Limited

22 East 40th St., New York 16, N. Y.

*Estrogenic Substances (water soluble) also known as Conjugated Estrogens (equine)
Whenever oral vitamin B complex therapy seems ineffective, Ampoules 'Beta-lin Complex' (Vitamin B Complex, Lilly) are recommended for intravenous or intramuscular use in doses of 1 to 4 cc. daily. The direct route assures complete utilization. Impaired absorption is circumvented, and large amounts of the B complex vitamins are immediately available.

'Betalin Complex' is a prepared solution containing in each cc.: Vitamina B1 (Thiamin Chloride) 5 mg.
Riboavin 2 mg.
Nicotinamide 75 mg.
Pantothenic Acid (as Calcium Pantothenate) 2.5 mg.
Pyridoxin Hydrochloride 5 mg.

ELI LILLY AND COMPANY
Indianapolis, Indiana, U.S.A.

LEGISLATIVE
Your Legislative Committee co-operating with the Allied Professions Committee of Mahoning and Trumbull Counties have had a very active year.

Early in January several meetings were held wherein a revised program was adopted in regard to the "Charter Amendment" proposal of one year ago when studies were made, and a program was written to change the Charter to give the City a Board of Health with a full time Health Commissioner. This program as set up met with the approval of the Mayor.

After conferences with Mayor Henderson in the early Spring of this year the Committee decided not to present this program to Council or to circulate petitions until the Spring of 1949 so that the Board of Health problem could be placed on the ballot for a vote of the people of Youngstown.

The Committee met several times in July and early August whereby a plan or procedure was set up with a questionnaire formulated to be presented to the Candidates for Governor, Congressmen at Large, Congressmen for the 15th District, State Senators for the 23rd District of Ohio, Representatives to the State Legislature from Mahoning and Trumbull Counties, and the County Commissioners of Mahoning and Trumbull Counties.

Most of these candidates were contacted either personally at luncheon meetings in August and early September or by telephone and in most instances the questionnaire was returned, answered. After a review of each of the candidate's known records and his answers were tabulated, a summation of all the replies, with those that did not reply, has been received by each member of the Society and also by every member of the parent organizations of the Allied Professions Committee.

W. M. SKIPP, M. D.
Chairman, Legislative Committee

LAY EDUCATION AND SPEAKERS
During the year 1948, this committee successfully arranged a series of radio talks which included aid to the Cancer Fund Drive and many programs that contributed materially to Public Health and Welfare.

Physicians were very cooperative when asked to participate.

G. E. DECICCO, M. D., Chairman

PUBLICITY
The Publicity Committee successfully completed the work that was assigned to it. The bulletin boards at the hospitals are an innovation.

MORRIS S. ROSENBLUM, M. D.
Chairman, Publicity Committee
Whenever oral vitamin B complex therapy seems ineffective, Ampoules 'Betalin Complex' (Vitamin B Complex, Lilly) are recommended for intravenous or intramuscular use in doses of 1 to 4 cc. daily. The direct route assures complete utilization. Impaired absorption is circumvented, and large amounts of the B complex vitamins are immediately available.

'Betalin Complex' is a prepared solution containing in each cc.: Thiamin Chloride 5 mg.
Riboflavin 2 mg.
Nicotinamide 75 mg.
Pantothenic Acid (as Calcium Pantothenate) 2.5 mg.
Pyridoxine Hydrochloride 5 mg.

ELI LILLY AND COMPANY
Indianapolis 6, Indiana, U.S.A.
DOCTORS
Take the Cake
—and their families do, too, especially when it's one of Isaly's delicious, fruited French Vanilla Ice Cream Cakes, prettily iced and decorated with colorful whipped cream in the holiday motif.

Isaly's
Wish You a Very Merry Christmas

PROGRAM

The Program Committee has had the responsibility of arranging for the monthly scientific meetings, the entertainment for the annual banquet, and the speakers for the annual Post-Graduate Day during the season 1948-49.

The program for the monthly meetings during this year includes the following speakers: September, Dr. Bradley L. Coley; October, Dr. Hans Selye; November, Dr. Douglas Bond; January, Dr. Robert H. Brok-Kohn; February, Dr. Theron G. Randolph; May, Dr. E. B. Tuohy; and June, Dr. A. McGehee Harvey.

Plans for a group of men for the annual Post Graduate Day are completed. A group from the University of Buffalo, headed by Dr. John H. Talbott, will present the Post-Graduate program April 13, 1949.

A non-medical speaker is to be obtained for the annual banquet in March.

F. S. COOMBS, M. D.
Chairman, Program Committee

HARD OF HEARING

There is a small group of people in Youngstown who, for twenty-five years, have been interested in the prevention, problems, and rehabilitation of the hard of hearing. They constitute the local chapter of the American Hearing Society. They have enjoyed the confidence, respect and support of the Board of Education, civic, social and medical groups of Youngstown. Their ambition has been great, but their finances have been small. Over this period of time, they have been able to accumulate, mainly by their efforts, a small amount of money. This amount was inadequate to begin an ambitious program of acquiring a building by which they could house a hearing center and field secretary. All this was necessary for them to realize their ambition to expand their services to the community.

In 1946 the Quota Club, a civic organization of business women, became their sponsors. It is interesting to note that out of this relationship grew a sponsorship nationally of chapters of the Hearing Society by the chapters of Quota.

In early 1947 the Youngstown Hearing Society invited a small group of citizens from the professions, businesses and other endeavors to become members of a Board of Directors. The object of the Board was consultative and advisory. The enthusiasm of the Hearing Society to increase its service to the community was contagious. The cooperation of the Society and Board with the addition of specialized help proceeded to accomplish the following:
(1) Funds were raised under the auspices of the Quota Club by means of a Minstrel show at Stambaugh Auditorium. Community Chest funds were increased.
(2) An Executive Secretary was employed.
(3) A large residential building, adequate for club and class rooms, was acquired.

The Youngstown Hearing Society has physical means now to embark on the following services as proposed by the executive secretary and accepted by the Board of Directors.
DOCTORS
Take the Cake
—and their families do, too, especially when it’s one of Isaly’s delicious, fruited French Vanilla Ice Cream Cakes, prettily iced and decorated with colorful whipped cream in the holiday motif.

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A Sense of General Relief...

Many patients in the climacteric prefer estrogens from natural sources. They report — aside from the effect on vasomotor symptoms — a greater sense of well-being and relaxation from such estrogens. Estrogenic Substances-Breon for parenteral injection are from natural sources. The physician has in these solutions wide latitude in potencies that permit precision treatment.

George A. Breon & Company

Technical Services
Hearing Aid Advisory Bureau
Audiometric testing, impartial and standardized evaluation of hearing aids to meet individual needs.

Educational Services
Up Reading
Auditory Training
Speech Correction
Voice Improvement

NOTE: SPECIAL AREAS for development in the Youngstown field of activities include:
(1) Cooperation with Veterans Administration
(2) Encouragement of use of services by Negroes
(3) Pre-school case finding and assistance.

R. E. ODOM, M. D. Chairperson

SOCIAL
The social functions for the year were two very successful gatherings at the Youngstown Country Club. The Spring event was a banquet held March 19th in honor of the Half-Century Club. Twelve esteemed members of the Mahoning County Medical Society were guests of the Society in recognition of fifty years of faithful and valuable service in the practice of medicine. The members of the Half-Century Club were presented lapel buttons as a token of our esteem and appreciation. Mr. Harold Eide, traveler and adventurer, was the...
A Sense of General Relief...

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Social Services
Consultation
Guidance and personal adjustment, based on case work methods.

Group work—recreational and social activities to meet the needs of clients (probably will vary).

Referral to established agencies and services, to meet individual needs.

Technical Services
Hearing Aid Advisory Bureau:
Audiometric testing, impartial and standardized evaluation of hearing aid to meet individual needs.

Educational Services
Up Reading
Auditory Training
Speech Correction
Voice Improvement

All of the above should be available as individual therapy and as class instruction.

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Dependable Prescription Druggists

WHITE'S DRUG STORES

FOUR convenient locations
to aid YOU and YOUR PATIENTS

230 W. FEDERAL
Opp. Warner Theater
283 E. FEDERAL (near Watt St.)
1843 HILLMAN ST. (Cor. Warren Ave.)
1648 MAHONING AVE. (West Side, near Steel St.)

Shining Shingle

When you "kept it bright and flawless by the high conduct of your nature and the faith you kept with your patients." So the name "VITAMINALS" is emblazoned on our shining— "a mark in the finest tradition—a symbol that we, too, shall keep bright and flawless by keeping the faith won all our doctor friends.

TAMINERALS CO.
1815 FLOWER STREET, GLENDALE 1, CALIFORNIA

JOHN S. GOLDCAMP, M. D.
Chairman

THE ELECTROCARDIOPHAGRAM IN RHEUMATIC FEVER

The most frequent criterion of carditis in rheumatic fever in young adults is represented by electrocardiographic abnormalities. Cardiac enlargement, pericarditis, cardiac failure, diastolic murmurs and unequivocally significant systolic murmurs are relatively infrequent in this group of patients. The most common abnormality in the electrocardiogram is a partial A-V block and the next in frequency is inversion of T1, T2 or T4 alone or in combination. Significant abnormalities in the electrocardiogram are a major manifestation of rheumatic fever and are of value in recognizing typical cases. The electrocardiogram may reveal the polycyclic nature of the course of a patient in the absence of clinical evidence.—Sokolow, M., American Journal of Medicine, Sept. '48. —J.D.M.

THE SIGNIFICANCE OF THE A.M.A. AUTOMOBILE EMBLEM DESIGN

The central feature of the Emblem—the knotty rod and serpent of Aesculapius—is the true ancestral symbol of the healing art. The knots of the rod indicate the many difficult problems of physic. The serpent typifies wisdom. Therefore, in the Aesculapian symbol we have power, wisdom and health, together with the protection and support against disease and the difficulties to be overcome by the physician.

Scarlet and gold have long been regarded as medical colors. In the king's retinue on state occasions, physicians wore a scarlet cloak to distinguish them from members of the other professions. In alchemy the elixir of life was a red tincture, and the key of wisdom a red powder.

Gold is used to symbolize the sun, which is regarded as having a definite influence over disease. The radiating lines underlying the scarlet enamel of the Emblem symbolize the sun's rays, which emerge to form a golden hand around the insignia.

The letters "M.D.", indicating the degree of Doctor of Medicine, are unmistakably the mark of the physician. The suggestion of the green cross aims to utilize the widespread recognition of this device in many sections of the country as indicative of medical aid.

Thus, this design is both correctly symbolic of the medical profession and easily recognized.—Medical News, Montgomery County, Ohio, 1948
"OVER--HALF A CENTURY"

Dependable Prescription Druggists
WHITE'S DRUG STORES
FOUR convenient locations to aid YOU and YOUR PATIENTS

Shining Shingle
When you "hung out your shingle," Doctor, you kept it bright and flawless by the high conduct of your practice and the faith you kept with your patients.

So the name "VITAMINERAL" is emblazoned on our shingle—a hallmark in the finest tradition—a symbol that we, too, shall keep bright and flawless by keeping the faith won all our doctor friends.

THE MASONING COUNTY MEDICAL SOCIETY

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DECEMBER
PREDICTIONS OF THINGS TO COME

* The following officers of the Mahoning County Medical Society will be elected on Tuesday Evening, December 21, 1948 at the Mezzanine Suite, 200-206 of the Pick-Ohio Hotel

President-Elect
Secretary
Treasurer
Delegate
3 Alternate Delegates
Representative to the Associated Hospitals

A FREE BUFFET SUPPER WILL BE SERVED FOLLOWING THE MEETING

Come One! Come All!

DECEMBER
PREDICTIONS OF THINGS TO COME

The following officers of the Mahoning County Medical Society will be elected on Tuesday Evening, December 21, 1948 at the Mezzanine Suite, 203-206 of the Pick-Ohio Hotel

President-Elect
Secretary
Treasurer
Delegate
3 Alternate Delegates
Representative to the Associated Hospitals

A FREE BUFFET SUPPER WILL BE SERVED FOLLOWING THE MEETING

Come One! Come All!

January Meeting

SPEAKER: DR. ROBERT H. BROH-KAHN
Associate Director May Institute
CINCINNATI, OHIO

SUBJECT: "The Biological Proof of Cure"
TUESDAY, JANUARY 18, 1949 PICK-OHIO HOTEL

Health Department Bulletin
REPORT FOR OCTOBER, 1948

Deaths Recorded 1948 Male Female 1947 Male Female
100 68 102 56

Births Recorded 1948 Male Female 1947 Male Female
562 269 572 286

CONTAGIOUS DISEASES:

Chicken Pox Cases Deaths Cases Deaths
10 0 10 0
Measles 3 0 0 0
Poliomyelitis 1 0 0 0
Scarlet Fever 6 0 8 0
Whooping Cough 11 0 43 0
Tuberculosis 6 2 4 1
Syphilis 35 0 66 0
Gonorrhea 16 0 19 0

VENEREAL DISEASES:

Male Female
New Cases Syphilis 11 13
Gonorrhea 11 11
Total Patients 45 45

W. J. TIMS, M. D.
Commissioner of Health
In Memoriam

ORRIN W. HAULMAN, M. D.

Dr. Orrin W. Haulman, aged 60, one of the district's most skilled obstetricians and gynecologists, died of a heart ailment in North Side Unit of Youngstown Hospital Wednesday, November 3, 1948.

Dr. Haulman was born August 28, 1888, in Clark County, Ohio, a son of David McHenry and Mary Ann Griest Haulman. His parents died when he was young and the doctor was reared by his grandparents, Mr. and Mrs. Nathan Griest.

He graduated from Heidelberg College in 1913 and was captain of the football team there. For a short time he taught school in Beardstown, Ill., before entering medical school at Western Reserve. He graduated in 1918 and served as resident physician at Lakeside Hospital in Cleveland until 1921 when he moved to Youngstown.

His private practice was very large until an illness forced him to give up a portion of his office hours. However, up until the day of his last illness, he was able to continue his practice as he chose. His first illness was a blessing in disguise as following that, he took the time to do many of the things that he had previously denied himself. As a consequence, he took numerous fishing and hunting trips and attended many of the baseball and football games in this area. He became an enthusiastic sportsman and an ardent fan; however, at no time did he forget his medical practice.

To those of his colleagues who knew him intimately and enjoyed the hospitalities of his home, the sense of his loss is great.

He married the former Ilva Murbach the same year he moved here and began his practice. She is his only survivor. A sister, Mrs. Harrison Flanagan, died two years ago.

Dr. Haulman was a member of Phi Ro Sigma medical fraternity at Western Reserve, the American Medical Association, the Ohio State Medical Association, and the Mahoning County Medical Society. He also belonged to the First Reformed Church, St. Albans Masonic Lodge, the Youngstown Club, and the Rotary Club. He was a member of the senior staff of the Youngstown Hospital.

W. H. EVANS, M. D.

THE MAHONING COUNTY MEDICAL SOCIETY

DEC. 1948

POETICAL TRIBUTE TO A PHYSICIAN'S MEMORY

On behalf of hundreds of Youngstown mothers, may I offer a tribute to a truly great man: Dr. Orrin W. Haulman.

"Hello Ma, what do you say?"
It would echo through the hall;
It was his usual greeting
Each morning to one and all.
His quiet unassuming way
Was mama to our soul;
As he freely gave his talents
And always played his role.
He gave us strength and courage;
He laughed away our fears;
He listened to our woes
As we shed foolish tears.
His skillful hands did surgery
When e'er it was our need;
His loyal heart was everywhere;
He was our friend indeed.

I watched his steps grow slower
As he cared for me—and others;
And now I think where he's gone
He'll care for "Angel Mothers."
And I'm sure if ever I reach
Our Heavenly Home some day;
I'll hear his soft voice calling,
"Hello Ma, what do you say!"

MRS. JAMES T. MECK
In Memorium
Orrin W. Haulman, M.D.

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MRS. JAMES T. MEFF

(Vindicator - 11/14/48)
COUNCIL MEETING

The regular monthly meeting of the Council of the Mahoning County Medical Society was held on November 8, 1948, at the office of the Society, 135 W. Commerce St.

The following doctors were present: John Noll, I. C. Smith, G. G. Nelson, J. K. Herald, G. M. McAlvevy, W. J. Tins, W. M. Skipp, J. N. McCann, V. L. Goodwin, E. J. Wensza, C. A. Gustafson, and Dr. A. Goudsmit was a guest.

Dr. Goudsmit discussed how to find and help the Diabetic Patients in our community. The Diabetes Detection Drive will begin December 6th through the 12th, 1948.

Dr. Odom discussed the successful progress of the Youngstown Hearing Society, and the Council instructed the Secretary to write a letter of congratulations.

The following applications were acted upon favorably:

**Active Membership**

Bell-Rempes Drugs, Inc.
Youngstown, Ohio
31 Central Square
Tod House

*Our whole attention is devoted to serving the medical profession and filling out prescriptions. Hundreds of physicians and families feel an added confidence when they have a prescription filled at Bell & Rempes. They know that this assures the best in quality and the utmost in care.*

We invite you to visit our Prescription Department

**Interne Membership**

Robert J. Heaver, 7330 Market St., Youngstown, Ohio
Herbert Bryan Hutt, 42 W. Midlothian Blvd., Youngstown, Ohio

Unless objection is filed in writing with the Secretary within 15 days, the above applicants become members of the Society.

V. L. Goodwin, M. D.
Secretary

CHICAGO IS A GREAT MEDICAL CENTER

In order to be of greater service to physicians coming to Chicago for a day or more, the Chicago Medical Society in December, 1947 began the publication of a sheet called "This Week in Chicago Medicine" which lists the weekly schedules of clinics, conferences, journal readings, medical meetings, and other activities of general medical interest occurring in Cook County hospitals, medical schools and the medical organizations. This service has been of great help to visiting physicians as well as to physicians residing in Cook County. It has been used by men from other counties who have appreciated this listing of the clinics and lectures which they are interested in attending. It has enabled men from other cities to plan their work so that they could take advantage of a day off by attending some of the fine clinics in the great hospitals of Chicago.

Surely Chicago has much to offer any physician who wishes to take advantage of the great opportunities in medicine occurring daily. If you are planning to visit Chicago and would like the schedule of medical events during your stay, write the Chicago Medical Society, 30 North Michigan Avenue, Chicago 2, or call in person for the schedule.
Patronize our advertisers and mention the bulletin.

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The Bowman Bros. Drug Company
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1948
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Helen Mantle Foster
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Each 10 minims contains: Gold Tribromide 1/30 gr.
The pharmacologic action and the therapeutic effect of Auri-Tussin, a solution of Gold Tribromide, in Whooping Cough is due to the antiseptic action of the Gold and the neuro-sedative action of the bromide.
Supplied in 1/2 oz. dropper bottles. Literature and Prices on Request

THE ZEMMER COMPANY
Chemists to the Medical Profession
PITTSBURGH, PA.

You can take time off from almost anything that occupies your attention, except responsibility. It seems to be much like your heart; once it has begun to function, it keeps on to the end.

If life on this earth has any meaning that we are capable of understanding, it is not simply perpetuation of the race, not the reproduction of a particular kind of being, but rather the development of the peculiar combination of traits which constitutes you. It is out of this myriad of unique selves that ultimately emerges those superior persons through whom comes our belief in purpose.
Professional Pharmacy
418 Dollar Bank Bldg.—4th Floor
Telephones—3734 - 34127/
3634 Market St. Phone 24805

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In the treatment of Whooping Cough and Adult Hoarse Brochial Cough.
Each 10 minims contains: Gold Tribromide 1/30 gr.
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THE ZEMMER COMPANY
Chemists to the Medical Profession
PITTSBURGH 13, PA.

UNCLE DUDLEY
It isn't doing something for someone else that is an important factor in your life. It is what you had been doing to yourself that had made you want to do something for someone other than yourself, that is of more influence in shaping your conduct and your outlook on life. Your beneficences are the sequences.

* * *
You can take time off from almost anything that occupies your attention, except responsibility. It seems to be much like your heart; once it has begun to function, it keeps on to the end.

* * *
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Trichonal Antiseptic Acid Foaming Tablets
for Rapid and Sustained Benefit in Trichomoniasis
Contains: Lactoquinoline, Enulin and Dextrose in a foaming base.
Available in Bottles of 100 Tablets.

Buffington's Inc.
Pharmaceutical Chemists
Worcester 8, Massachusetts

The Lincoln Avenue Alcoholic Clinic
145 Lincoln Avenue

Owned and Operated by
The Youngstown Committee for Education on Alcoholism
A Non-Profit Corporation
Phone 32693

Cynical Sam
If you do not wish to be confronted ultimately with the evidence of your folly, quit putting old things away in the attic. * * *
A man of middle age, who is trying to be a pal to his son, would do well to remember that a developing boy is apt to outgrow his pal, but he is not apt to outgrow a man who knows how to be a father. * * *
If a politician were to tell his listeners that their behavior could be likened unto brutes, he would be booted into silence. Yet these same people will let him stroke the erogenous zones behind their collective ears until they follow him to get from his hand the spoils which have been taken from them unawares.
**Trichonal Antiseptic Acid Foaming Tablets** for Rapid and Sustained Benefit in Trichomoniasis

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"Office Outfitters"

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**NEWS ITEMS**

Dr. Ivan C. Smith successfully passed the examination for the American Board of Physical Medicine of which he became a Diplomate. Dr. Smith is Chief of the Department of Physical Therapy at St. Elizabeth's Hospital.

Dr. George Y. Smith passed the examination for the American Board of Radiology at Tampa, Florida, on November 4.

Dr. Morris Deitchman has given up his practice as an internist here and accepted an appointment with the Veterans Administration at Phoenix, Ariz., for an indefinite period. Dr. Deitchman has sold his office equipment in the Central Tower to his partner, Dr. Milton M. Yarmy. "My patients' accounts will be settled at this office," Dr. Deitchman said today, "and any who want their medical records may obtain them there."

Dr. William H. Bunn was one of the guest speakers at the recent post-graduate assembly of the Chicago Medical Society. He spoke on "The Treatment of Coronary Heart Disease" and "The Treatment of Congestive Heart Failure."

**BARTZ LEGION POST ELECTS OFFICERS**

Approximately 40 members of the Walter F. Barts American Legion Post No. 728 participated in a dinner meeting at the Mahoning Country Club Thursday evening, November 11, 1948. The business meeting was held following an excellent dinner. Commander Smith announced that a wreath was placed on the grave of departed comrade, Dr. Oscar Axelson. In addition a moment of silence was observed in the memory of departed comrades of past wars.

Election of officers to serve for 1949 was then held. Dr. Henry Sisek was elected Post Commander, Dr. Richard Ciford, Vice-Post Commander, Dr. Gabriel DeCaro, Post Adjutant, and Dr. Samuel Schwobel, Treasurer.

The Post will continue its schedule of periodic meetings usually in conjunction with a dinner or smoker.

---

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If a politician were to tell his listeners that their behavior could be likened unto brutes, he would be booed into silence. Yet these same people will let him stroke the erogenous zones behind their collective ears until they follow him to get from his hand the spoils which have been taken from them unawares.
OVERLOOK SANITARIUM
New Wilmington, Pa.

A beautifully located sanitarium, just fifteen miles from Youngstown, especially equipped for the care of psychoneurosis. Mental cases and alcoholics not admitted.

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PSYCHOTHERAPY
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Each 5 cc. (as marked on drop­per) provides the following vitamins in a clear aqueous dispersion: A 2000 U.S.P. units, D 1500 U.S.P. units, C 100 mg., B1 1.8 mg., B2 0.6 mg., niacinamide 5 mg., B6 0.3 mg., panto­thenate 1.2 mg. Supplied in 15 and 30 cc. dropper bottles.

Vitamin A from Vifort is better absorbed and utilized than vitamin A from fish liver oil. Absorption was evidenced in normal children and in patients with impaired absorptions.

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Next to Warner Theatre

DECEMBER

MODERN CONCEPTS OF CARDIOVASCULAR DISEASE

OCTOBER, 1948

BLUE BABIES AND WELL-WATER
By Harry Medove, M. D., Winnipeg, Manitoba, Canada

The current interest in the "blue baby" as evidenced by juxtapos­ter articles in both the medical and lay press has overlooked the fact that cyanosis in infants frequently is not due to congenital heart disease at all. Transient cyanosis in the newborn is much more often due to prematurity, immaturity and a variety of factors which com­bine to an inadequate respiratory effort on the part of the infant. Transient localized cyanosis of vasomotor etiology is frequently encountered.

Continuous cyanosis in an infant has usually been regarded as due to either congenital heart disease or respiratory pathology. Within the last three years many cases of continuous cyanosis in infants have been shown to be due to the ingestion of well-water of high nitrate content used in the preparation of milk formulas. Cases have been reported from Iowa by Comly, from Kansas by Faucett and Miller, from Belgium by Ferrant, and from Western Canada by the author. There seems little doubt that this condition is common, that it is frequently not diagnosed correctly and that many, if not most of these infants recover spontaneously at about the age of eight to ten weeks. Within the last two years I have encountered more than twice as many cases of well-water methemoglobinemia as of congenital heart disease in infants less than ten weeks of age.

In every reported case the story is the same. The patient is always an infant residing in a rural area. This infant, with a normal birth history does perfectly well as long as it is breast fed. For one reason or another the supply of breast milk fails and the baby is weaned during the first month. A formula is then used, consisting of fresh milk, evaporated milk or dried milk. The water used in the preparation of the feedings is obtained from the well. The amount of water used is greatest when the dried milk formula is used and least in the fresh milk feeding. Within a few days the parents realize that the baby is cyanosed. This cyanosis is continuous and gradually increases in intensity day by day. The baby becomes apathetic, listless and may have attacks of syncope. Careful examination by the doctor reveals no evidence of disease of the heart or lungs. In many cases the doctor assumes the baby has congenital heart disease with no evident murmur. Roentgenograms of the chest show normal cardiac contour, no abnormal mediastinal shadow and no abnormal pulmonary shadows. If a sample of blood is drawn from the infant, it is found to be chocolate colored and examination of the blood in the laboratory with a spectroscope reveals a well-marked methemoglobin band. If a sample of well-water used in the preparation of the feedings is then examined, it is found to have a nitrate content of 100 to 300 parts per million, a figure well above the safe upper limit.

In every reported case the story is the same. The patient is always an infant residing in a rural area. This infant, with a normal birth history does perfectly well as long as it is breast fed. For one reason or another the supply of breast milk fails and the baby is weaned during the first month. A formula is then used, consisting of fresh milk, evaporated milk or dried milk. The water used in the preparation of the feedings is obtained from the well. The amount of water used is greatest when the dried milk formula is used and least in the fresh milk feeding. Within a few days the parents realize that the baby is cyanosed. This cyanosis is continuous and gradually increases in intensity day by day. The baby becomes apathetic, listless and may have attacks of syncope. Careful examination by the doctor reveals no evidence of disease of the heart or lungs. In many cases the doctor assumes the baby has congenital heart disease with no evident murmur. Roentgenograms of the chest show normal cardiac contour, no abnormal mediastinal shadow and no abnormal pulmonary shadows. If a sample of blood is drawn from the infant, it is found to be chocolate colored and examination of the blood in the laboratory with a spectroscope reveals a well-marked methemoglobin band. If a sample of well-water used in the preparation of the feedings is then examined, it is found to have a nitrate content of 100 to 300 parts per million, a figure well above the 10 parts per million considered as a safe upper limit.

Well-water which is obtained from poorly constructed wells may be contaminated by seepage from manure piles, pigpens, decaying refuse and as a result its nitrate content may rise to high levels. Under
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calcium pantothenate 1.2 mg. Supplied in 15 and 30 cc. dropper bottles.

Vitamin A from Vifort is better absorbed and utilized than vitamin A from fish liver oil. Clinical super­

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structions implicitly.

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able for prevent posteriors, swollen children, waddlings, rapho­scopic tumors, orthopedic conditions, hernia and mammaries.

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Richmond Hill 18, New York

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Richmond Hill 18, New York
Ordinary conditions the human body reduces nitrates to nitrites and then to ammonia in which form they are excreted. When a great excess of nitrate is ingested as it is by these tiny infants, the ordinary mechanism evidently breaks down and nitrites are absorbed as such into the circulation. One molecule of nitrate unites with two molecules of hemoglobin to form methemoglobin. In some of the reported cases one-half of the functioning hemoglobin has been replaced by methemoglobin. Cyanosis becomes clinically apparent when one-third of the hemoglobin is replaced by methemoglobin.

The tendency to rapid spontaneous recovery with change of water often leads to erroneous diagnosis. We have the record of one cyanotic baby, 5 weeks old, who was referred to a city radiologist for X-radiation of the thymus. The baby arrived in the city from a point about 200 miles distant. A roentgenogram of the chest revealed nothing abnormal but in view of the accompanying instruction, radiation was given. The baby stayed in a city hotel and in its formula was of course prepared with city water. The day following radiation treatment the cyanosis had disappeared and the innocent radiologist was the recipient of profuse parental thanks for the miraculous cure. Had the infant not returned home a few days later this case might have gone into the record as a case of thymic enlargement causing cyanosis and cured by radiation. However, this infant did return home and within twenty-four hours was cyanosed again. When water from a more satisfactory well was substituted in the formula, complete and permanent disappearance of the cyanosis resulted. The suspected well-water proved to have a very high content of nitrate. Certainly any rural infant less than 10 weeks of age who exhibits cyanosis of uncertain etiology should promptly have a change in the water used in preparation of the formula.

In cases of more severe disease treatment with methylene blue may be used. Experimentally methylene blue will convert methemoglobin to hemoglobin in ten minutes provided that the methemoglobin content has not risen to more than 40 or 50 per cent of the total pigment. One milligram per kilogram of body weight is given intravenously (0.5 cc. of 1 per cent methylene blue to an 8 pound infant would be a suitable dose). Ascorbic acid, 100 mg. given intramuscularly has also been used with apparent success.

When one considers that in a single year almost 100 cases with a mortality of 10 per cent were reported from a large midwestern state, the urgency of the problem becomes apparent. The actual number of cases is probably much higher since this condition is not reportable and until recently has frequently not been diagnosed correctly. Until such time as the menace of contaminated well-water is removed two measures will serve to lower the incidence of methemoglobinemia. First and foremost the encouragement of breast feeding. When breast milk is not available and mixtures of other types of milk must be used, the water used in their preparation should come from wells known to be free of contamination and preferably certified to contain less than 10 parts per million of nitrate. When a good water supply is not available, mixtures of undiluted acidified milk should be used.
ordinary conditions the human body reduces nitrates to nitrites and then to ammonia in which form they are excreted. When a great excess of nitrate is ingested as it is by these tiny infants, the ordinary mechanism evidently breaks down and nitrites are absorbed as such into the circulation. One molecule of nitrite unites with two molecules of hemoglobin to form methemoglobin. In some of the reported cases one-half of the functioning hemoglobin has been replaced by methemoglobin. Cyanosis becomes clinically apparent when one-third of the hemoglobin is replaced by methemoglobin.

The tendency to rapid spontaneous recovery with change of water often leads to erroneous diagnosis. We have the record of one cyanotic baby, 5 weeks old, who was referred to a city radiologist for X-ray examination of the thymus. The baby arrived in the city from a point some 200 miles distant. A roentgenogram of the chest revealed nothing abnormal but in view of the accompanying instructions, radiation was given. The baby stayed in a city hotel and in its formula was of course prepared with city water. The day following radiation treatment the cyanosis had disappeared and the innocent radiologist was the recipient of profuse parental thanks for the miraculous cure. Had the infant not returned home a few days later this case might have gone into the record as a case of thymic enlargement causing cyanosis and cured by radiation. However, this infant did return home and within twenty-four hours was cyanosed again. When water from a more satisfactory well was substituted in the formula, complete and permanent disappearance of the cyanosis resulted. The suspected well-water proved to have a very high content of nitrate. Certainly any rural infant less than 10 weeks of age who exhibits cyanosis of uncertain etiology should promptly have a change in the water used in preparation of the formula.

In cases of more severe disease treatment with methylene blue may be used. Experimentally methylene blue will convert methemoglobin to hemoglobin in ten minutes provided that the methemoglobin content has not risen to more than 40 or 50 per cent of the total pigment. One milligram per kilogram of body weight is given intravenously (0.5 cc. of 1 per cent methylene blue to an 8 pound infant would be a suitable dose). Ascorbic acid, 100 mg. given intramuscularly has also been used with apparent success.

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GIFTS AND BEQUESTS

RETURN SILIFORM AMPULES
Druggists and the medical profession are urged by the Federal Security Agency's Food and Drug Administration to return all stocks of Siliform Ampules to the manufacturer, The Heilkraft Medical Company, Boston, Mass. This injection drug, which should be sterile, is potentially dangerous since samples collected on the market contain living organisms. Siliform is injected by some physicians and osteopaths in the belief that it will relieve patients suffering with rheumatism as claimed by the manufacturer. The Food and Drug Administration found the contaminated samples after a routine inspection at the Heilkraft factory disclosed that the Siliform Ampules had been manufactured without sterilization. Intensive recall efforts by the manufacturer and the Food and Drug Administration for the past two weeks have not brought in all of the contaminated stocks. The article, which moves slowly, was shipped to 37 states from Maine to California and later was redistributed by wholesalers who cannot trace many of their sales. Some going back as far as 1946 have been found on the market. These ampules may be in the hands of doctors, hospitals, clinics, and retail and wholesale druggists.

IN WRITING
One of the popular complaints against politicians is that you can never pin them down. In view of this the July, 1948 issue of the Journal of the South Carolina Medical Association provides interesting reading. Here are printed letters received by the Association from each of South Carolina's candidates for U.S. Senator in reply to specific questions in regard to government and medicine. The letters are forthright statements of the views of the candidates.

1948
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WHEN IT IS DIFFICULT TO CATEGORIZE THE ANEMIA
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Ascorbic Acid
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