

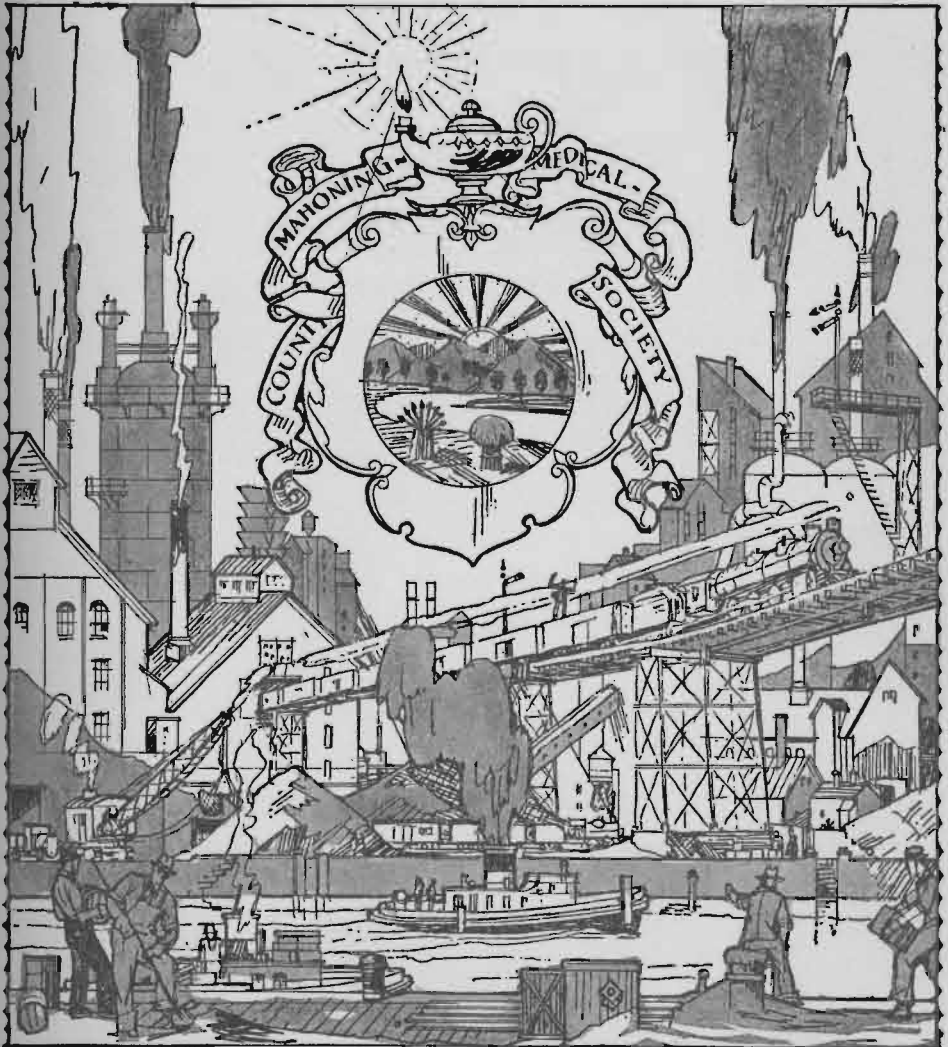
# BULLETIN

## MAHONING COUNTY MEDICAL SOCIETY

AUGUST, 1931

*Volume One*

*Number Eight*



# Our Hospital On Wheels . . .

It has been found by many that our invalid coach is modern, our attendants well-trained in their work, and our service ready to respond at any hour.

Our invalid coach is, as its favorite title implies, a veritable "Hospital on Wheels."



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Member of the American Jersey Cattle Club.

President of the Mahoning Valley Natural Milk Producers Association.

President Ohio Natural Milk Producers Association.

Vice President Northern Ohio Better Milk Association.

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By these affiliations it is our privilege to be associated with those who make the study of milk in its various phases their life's work.

Our milk is better because we know how to keep our cattle healthy; how to feed them properly; and how to milk them scientifically.

You will make no mistake if you recommend our Special Baby Milk for Children. Convalescents like our Special Jersey Milk.

**Phone 22344 Florence L. Heberding**



ANDREAE VESALII  
BRUXELLENSIS, SCHOLAE  
medicorum Patavinæ professoris, de  
Humani corporis fabrica  
Libri septem

CVM CAESARAE  
Matth. Galliarum Regni, ac Senatus Vrsini gratia  
et privilegio, in diplomatis rotundem consecutus.

B A S I L E A E.

Greatly reduced facsimile of frontispiece from Vesalius' FABRICA.

## Amos and Andy

It is not generally known that breeches played an important role in the evolution of the human femur. It is a fact, nevertheless, even if it did escape Darwin's notice when he was developing his theory. But how can mere pants affect the development of the shape of the thigh bone? Here is the story.

In all ages there are revolutionaries and iconoclasts, who disregard accepted authorities and traditions. They like to start from scratch, make their own observations, and draw independent conclusions. Andrea Vesalius, "Andy", for short, (1514-1564) was just this kind of bird. While studying medicine at the universities of Montpellier and Paris, it occurred to him to check up on old man Galen, who up to that time was the unimpeachable authority on all things medical. The Galenic anatomy, though founded on the dissections of lower animals only, had ruled like a despot in the world for more than 1300 years. This received "Andy's" particular skeptical attention. "Andy" hailed from Brussels, not Missouri, but he had to be shown. What does he do but repair himself to the nearest gallows, (he did not have to go very far, for in his days gallows were plentiful) he pinches a body, takes it home, and proceeds, by his own dissections, to check up on Galen's anatomical writings. He finds that his suspicions about Galen's shortcomings in anatomy were well founded, and that, alas and alack, Galen was not infallible. He discovers that there is no "imputrescible" bone in the heart, that the sternum consists not of seven bones but of three, and that Galen, in general, has to be taken with a goodly grain of salt.

But to return to the femur and breeches. Among other things Vesalius discovered that the femur is not a curved bone, as Galen would have it, but a straight one. When the Galenists, who were then in the great majority, heard of this, they were much perturbed. For many generations they had been taught the infallibility of Galen and the Bible, and here comes a young upstart, who openly charges that Galen was so grossly ignorant as not to have known the shape of a femur. If Galen said that the bone was crooked it just cannot be straight. He was savagely attacked by them, and in due time, a delegation of representative members, in good standing, of their county medical society, was sent to Vesalius to make him recant this heresy. But, to their utter mortification, "Andy", by way of argument, produced several femora, and wonder of wonders, every blessed one was straight. This was a terrific blow to the Galenists. It knocked their ideas not only of the femur but of Galen himself right on the head. They had not a leg to stand on. Confronted as they were by absolute and indisputable facts, they still could not lead themselves to believe that Galen could be wrong. There must be some way of reconciling the difference in the shape of the femur. They thought and pondered on the perplexing problem, and finally, ergo, one bright fellow hit upon an ingenious explanation. It is true, he said, that the femur is now straight, but it was curved in Galen's day. But how did the change take place? Very simple. The thigh, being for several generations encased in narrow breeches, had to accommodate itself to the new fashion, and thus the curved femur of Galen, evolved into the straight one of Vesalius. Now everybody was happy.

In speaking so flippantly of Vesalius, the man who has been called the father of modern anatomy, and the most commanding figure in medicine after Galen and before Harvey, no irreverence is intended. The story is a good one and comes on good authority. Although his biography is well known, it would be in order, while on the subject, to give a thumbnail sketch of his stormy, romantic, and sad life.

Taking the kinks out of the femur was only one of many of Vesalius' stunts. New and startling anatomical discoveries followed his careful dissections in rapid succession. The Galenists tried to discredit him by every possible means, and met each discovery with solid opposition. The culmination of his work was the publication of the magnificent *DE FABRICA HUMANI CORPORIS* in 1543. Vesalius wrote a number of other books, but his *FABRICA* is his outstanding achievement. Of this book a history says: "This monumental work made anat-



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INTRODUCES  
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Skilled, experienced attendants, immaculately uniformed—many new built-in features for added comfort and luxury—all available for your service at those times when these details mean so much to yourself or to your loved one.

***Day or Night Service—Phone 6-5102***

**THE FRED B. KING CO.**  
**120 East Rayen Avenue**  
**YOUNGSTOWN, OHIO**

(Continued from Page 3)

omy what it is today, a living, working science based on actual dissections." The pack was loosed now. Every one, including his own teacher Sylvius, and his favorite pupils Fallopio and Columbus, turned against him. Vesalius was not the man to take slaps without retaliation. Examine his portrait, he is a pretty tough looking egg. He struck back blow for blow. But finally, "Andy was regusted", and in a fit of indignation he burned his manuscripts and gave up his anatomical labors to accept the position of court physician to Charles V. Whatever peace and happiness he may have enjoyed in this exalted position was not destined to be for long. His many enemies soon renewed their attack. They began to circulate rumors to the effect that he was dissecting human bodies before life was extinct. This was, and still would be, a grave charge. It began to look as if the Holy Inquisition was about to take a hand in this argument and make things hot for Vesalius. He, therefore, decided that a change of climate would be good for his health, and, accordingly, started on a journey to Jerusalem. On the return voyage he was shipwrecked and perished at the age of fifty.

What you have read so far, gentle reader, is merely local color for another "Andy", who is the real hero of this paper. I must beg forgiveness for taking a circuitous route, but the detour was necessary for the sake of orientation. "Andy" No. 2, Andrea Laurentius was also a 16th century anatomist. Not nearly as illustrious as his namesake, he was, still, one of the minor links in the golden chain of anatomists of that era. Let us mention just a few of the outstanding names: Sylvius and Vesalius, teacher and pupil. Columbus (not Christopher) and Fallopio, two of Vesalius' pupils. You know Fallopio. He is the guy who put the gynecologists in business. Eustachius, Joubert, Fabricius and, last but not least, his pupil Harvey. There are a good many other greater or lesser lights all in the same century. What a formidable list!

Laurentius is not given much space in histories of medicine. Briefly his life is as follows: he was born at Arles, studied at Montpellier, where he received his medical degree in 1583. Three years later he succeeded Joubert to the chair

## The Doctor's Pharmacist

- does not substitute
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BUT DOES fill only prescriptions and fills them right.

Doctor, we deliver to any part of the city.

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**JOS. SPIEVAK**

310 West Federal Street

Youngstown, Ohio  
Phone 42782

*Lady Attendant*

(Continued from Page 5)

of anatomy. In 1600 he was called to Paris where he became physician in ordinary to Henry IV. In 1603 he was elected chancellor of the University of Montpellier, which position he held until his death in 1609. Garrison dismisses him with but two lines, so he cannot be a very important figure. Yet, to me, his name means a good deal. He is MY "ANDY", for I have spent a number of pleasant hours in his company while looking over his HISTORIA ANATOMICA. An encyclopaedia tells me that it is merely a rehash of Vesalian anatomy, and that it is not historically important. What of it? Confidentially speaking, my rudiments of Latin are inadequate for judging the book on its merits, but I like it nevertheless. Its value is more sentimental than intrinsic, for it brings me closer to those awe inspiring giants of anatomy of the 16th century. Here is the book before me, a squat vellum bound volume, which bears the publication date 1595. As I turn the crisp age mellowed, yellow pages I note the underscorings, rubrications, and marginal notes in a neat contemporary hand. The book has apparently seen use, possibly by medical students. There is a personal touch in two notes on the inside cover. One, dated 1600, is in the same hand as the marginal notes in the text, another in a different hand is dated 1599. Both notes refer to some unusual findings in the course of dissection. I am reasonably sure that the anonymous writer of the text notes, requiescat in pace, was a medical student, and that he began his anatomy course, even as you and I, with osteology. How do I come to this conclusion? Look at the marginal notes, they are most profuse and meticulous near the beginning of this section. As we progress they taper off gradually and become more scanty. This is exactly what happened to my anatomy notes, and yours too. Human nature has not changed much, and the medieval wielder of the quill was apparently subject to the same weaknesses as we are. He winks at me understandingly across the intervening centuries and both of us have a chuckle at the expense of our anatomy profs.

Preceding the text proper is a short dedicatory preface by the author followed by a number of epigrammatic poems written in his honor by brother professors. These burst forth into extravagant panegyrics on the author's erudi-

(Continued on Page 8)

SIX	GOOD	DRUG	STORES
<p>—where Bismuth is indicated</p> <p>Rx BISMUTH SUBSALICYLATE COMP. gm. 100 Sig. One level teaspoonful half hour after eating.</p> <p>Sodium Bicarbonate Magnesium Carbonate Magnesium Oxide Bismuth Subsalicylate Powd. Ext. Belladonna Aromatics</p>		<p>—where Iron is indicated</p> <p>Rx LIQUOR FERRI et AMMONII ACETATIS oz viii (BASHAM'S MIXTURE) Sig. Two teaspoonfuls in water t. i. d. after meals.</p> <p>Tinct. Ferric Chloride Lig. Ammonium Acetate Dilute Acetic Acid Glycerine Aromatic Elixir</p>	
<p>NOTE:—The Subsalicylate of Bismuth exercises a distinctly antiseptic as well as a protective effect.</p>		<p>NOTE:—An excellent reconstructive, pleasant to take, that should be prescribed as a general tonic or where iron is needed.</p>	
<h1>WHITE'S DRUG STORES</h1>			
PRIMARILY		PRESCRIPTION	
DRUGGISTS			





(Continued from Page 6)

tion and achievements. In those days the publication of a medical textbook was still an event of sufficient importance to cause the author's colleagues to break into song. (In A. D., 1931 these same professors would probably save their muse for yeast testimonials.) The book does not strictly confine itself to anatomy but is an omnium gatherum of anatomy, physiology, embryology, chemistry and what have you. The systems are taken up one by one and the general plan is as follows: The author first states the known and accepted anatomical facts of the part under consideration, then follows a long winded discussion of controversial points. Authorities, pro and con, are cited in profusion. We must bear in mind that at the time of the publication of the book, there were still a great many unsolved problems in anatomy, even on points which now seem self-evident. Where facts were lacking, speculation was resorted to, and imagination was given full play. For instance, ten chapters are devoted to the eye, which are chiefly concerned with such questions as: whether vision is caused by emission or reception, whether anything can be seen within the eye, why eyes are of different colors, etc. About 200 pages are given to the mechanism, embryology and physiology of procreation, and the interesting subject entitled "de faecum foetore" is also treated at length. I do not intend to make light of the book. Taken as a whole it is a sound work, written by a competent scholar. If we find, side by side, remarkable evidences of erudition with equally remarkable signs of credulity and naivete, we must not forget that the book is over 300 years old, and that much has been learned and forgotten since the days of our two "Andys". So, with a "for he is a jolly good fellow" for each one we will close these ramblings.

What about Amos? Well, he really does not come into the story, but if you are a stickler for detail, you may rechristen either Andy and complete the team.

L. S. Deitchman, M. D.

We are now showing  
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# The Mahoning County Medical Society BULLETIN

Published Monthly at Youngstown, Ohio, by the Editorial Committee

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Publishing Office . . . . . 228 North Phelps Street

Advertising Office . . . . . 243 Lincoln Avenue

Subscription Rates—\$2.00 per year, 25 cents per copy.

## JOHN CHALMERS DA COSTA

Not having attended Jefferson Medical College, it is with a great deal of trepidation that we have undertaken to use Dr. Da Costa the subject of this editorial. The "Selections From the Papers and Speeches of John Chalmers Da Costa" contains so much of the memoirs of this unusual teacher, his philosophy, and his character, that we believe this classic must not go by without mention. One immediately gets the impression that here is not only a medical personality, but the references are so general that one realizes the extensive and liberal education behind these papers.

The first paper "Medical Paris During the Reign of Louis Phillippe" gives a most intimate picture of Paris of that day. Dupuytren, Lisfranc, Recamier, Boyer, Velpeau, are all reviewed, and compared. The lifelong bitterness which existed between the first two is illustrated by incidents which occurred in their clinics. The life of the medical student is also considered, Paris being the center of the medical education of the world at the time.

"The Trials and Triumphs of the Surgeon" deals with the experience and the homely philosophy which has been developed during a lifetime of active surgical teaching. There are pithy sentences such as "A surgeon is like a postage stamp. He is useless when stuck on himself." Further along he states fifty-four maxims that are the result of this experience, and are in themselves a complete standard of ethics. One of these refers to the physician in politics as follows: "Sometimes when a doctor gets too lazy to work, he becomes a politician."

The other papers are as meaty as the two mentioned above, but space will not permit us to review in more detail. We consider this book a real classic in the field of American medical literature, ranking with the works of Oliver Wendell Holmes. One is impressed by the honesty, fearlessness, integrity of both. Years of experience have made not for disillusionment, but for greater tolerance. This book should be a part of every physicians library. M. D.

We are now entering the season of the greatest frequency of Anterior Poliomyelitis. A reminder to be on the lookout might not be amiss at the present time.

**In Memoriam**  
**John Osborne Holak**  
**1870-1931**

The editorial staff urges more members of the County Society to co-operate by submitting literary material for the pages of this Journal. Material on local medical history is particularly invited.

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PRESCRIPTIONS

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S. Q. Laypius Observes:

Another example of a baby being "marked" by the mother has been reported. Seems that a farmer's wife was badly frightened by some pigs shortly before she was delivered. And, sure enough, the baby had a "sty" on its eye.

\* \* \*

I've heard the term "higher education" used for years, but it seems to me that the only institutions really qualified to use it are aviation schools.

\* \* \*

I understand that production was considerably slowed down in a factory making midget automobiles recently. Seems as if one of their incubators broke down.

\* \* \*

If "picking their seats" is a diagnostic point in cases of oxyuris, then the disease should be very prevalent among ushers.

\* \* \*

Heard that a mother was arrested the other day. Someone found out that her baby weighed two ounces less than the government pamphlet said it should weigh.

\* \* \*

Sometimes it seems as if the only really "permanent wave" is the crime wave.

\* \* \*

A sign says "ATLAS TIRES". Nothing strange about that. Carrying the weight of the world on his shoulders, 'specially the last two years, the wonder is that he has not tired long ago.

\* \* \*

Just take one look at a "flag-pole sitter" and then deny that Darwin was right.

## The President's Corner

In a recent article, reference was made to the "health education" which is being disseminated to the reading public. More and more, we must be impressed with the fact that commercial advertising, with its impressive descriptions and, sometimes, illustrations, is definitely misleading the persons to whose attention it comes.

There has been legislation passed, I understand, which precludes the use of the word "cure" in the claims of these companies, but certainly the advertising is so worded that the same idea is conveyed. In the past few years, these advertisements have carried photographs of alleged famous professors from foreign clinics, with signed endorsements by these personages, lauding the product advertised. The claims are not modest and they are comprehensive indeed. I have been very surprised to see that some of what we have considered our better periodicals are giving prominent space to this sort of advertising.

It is easy to understand that a gullible, non-medical reader should be receptive to the oily persuasiveness of such literature. Very few persons are blest with an analytical mind. Remember that the Brooklyn Bridge has been repeatedly sold to eager buyers. And so many persons recover from minor ills during the time they are taking these remedies that the remedy gets the credit for the cure. This is, no doubt, true of certain medicines also. And these people cannot be dissuaded from the permanent belief that they were cured by whatever they were taking at the time.

I pick up a current and otherwise valuable weekly, of previously high standards. In one column I see that a certain foreign medico (of whom I have never heard) is quoted as prescribing the article advertised for what is called "intestinal fatigue". I read that "poisons from clogged intestines lead to headaches, indigestion, etc., and that this product is claimed to keep the intestines clean. Added weight is given to the advertisement by a crude representation of a radiograph of the stomach and intestines. This substance is said to be valuable in that "run-down condition". There is, accompanying the article, a photograph of a citizen dressed as an aviator, and he is quoted as testifying that he was "run-down", but that after using the remedy he is well again. I can see where pedestrians may become "run-down", but it is an unusual occurrence for an aviator, I am sure. \* \* \* Then, turning the page, I see a small space naming a popular ointment and suggesting its use "for all skin troubles of childhood". \* \* \* Next, and without diligent search, I find that a certain mouth-wash, "expels germs" and is a "tonic to mouth and throat."

Of course this type of advertising conduces to increased sales of these products. Here is a man who feels "run-down",—a vague term indeed! He purchases the advertised product eagerly, tries it for perhaps six to eight weeks, and loses that much valuable time which should have been devoted to the combat of his tuberculosis, or malignancy, or pernicious anemia, or diabetes, or any one of many other serious diseases which, in their early stages produce a "run-down feeling." Or, the mother procures the ointment and faithfully anoints her infant, and again much time is lost in the treatment of the impetigo or syphilis or whatever is the cause of the rash. The mouth-wash cannot have a curative effect upon a diphtheria or an angina nor will it have a tonic effect upon a tuberculous or a malignant throat.

In fairness, however, it should be said that in the same magazine is a full-page legend over the name of a great insurance company, and which is aimed at the eradication of the common drinking-cup. It is a good, logical explanation of the reasons why a common drinking-cup is dangerous, and this article will show results.

But why should high-grade periodicals publish advertising which is often untrue and which too often conveys a wrong impression?

And why should the only authentic bit of health information emanate from any other source than the organized medical profession?

I submit that it is high time we cease shirking our responsibility and that, by the printed word, or from the platform, or over the air waves we offer reliable and up-to-date health information.—A. W. T.

SEPTEMBER MEETING

Dr. John Erdmann

of THE POSTGRADUATE HOSPITAL of New York

Subject:

DIVERTICULITIS vs DIVERTICULOSIS

Love, friendship, respect, do not unite people as much as a common hatred for something.—Tchekov.

I expect that woman will be the last thing civilized by man.—George Meredith.

A man is capable of understanding how the ether vibrates, and what's going on in the sun—but how any other man can blow his nose differently from him, that he is incapable of understanding.—Turgenev.

Snobbery is the pride of those who are not sure of their position.—Berton Braley.

Appearances are deceptive. I knew a man who acquired a reputation for dignity because he had muscular rheumatism in the neck and back—Da Costa.

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Gingerale  
(Old Style)**

**TOM COLLINS, JR.**

**Giering's AMERICAN DRY  
Gingerale**

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Phone 62212 : Youngstown, O.

One half of the diagnosis of Tuberculosis is to know when to suspect it.—  
Sir William Osler.

Every man is an omnibus in which all his ancestors are seated.—Oliver  
Wendell Holmes.

Man shows his character best in trifles.—Schopenhauer.

Many a man is saved from being a thief by finding everything is locked  
up.—E. W. Howe.

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IT IS possible to play over the entire course with a single club and bring in a fair score. But playing with only one club is a handicap. The best scores are made when the player carefully studies each shot, determining in advance how he is going to make it, then selects from his bag the particular club best adapted to execute that shot.

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We believe this a more intelligent and helpful service than to attempt to make one "baby food" to which the baby must be adapted.

Dextri-Maltose No. 1 (with 2% sodium chloride), for normal babies. Dextri-Maltose No. 2 (plain, salt free), for salt modifications by the physician. Dextri-Maltose No. 3 (with 3% potassium bicarbonate), for constipated babies. "Dextri-Maltose With Vitamin B" is now available for its appetite- and -growth-stimulating properties. Mead's Powdered Non-Curdling Lactic Acid Milks, Nos. 1 and 2. Mead's Alacta. Mead's Powdered Whole Milk. Mead's Powdered Protein Milk (Non-Curdling). Mead's Reocolac. Mead's Sobee. Mead's Powdered Brewer's Yeast. Mead's Cereal. Mead's Viosterol in Oil 250 D. Mead's 10 D Cod Liver Oil With Viosterol. Mead's Standardized Cod Liver Oil.

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## Report of Communicable Diseases for July, 1931

DISEASES	Youngstown Cases	Struthers Cases	Campbell Cases	County Cases	Total Cases
Scarlet Fever .....	28	5	2	3	38
Influenza .....					
Chicken Pox .....	2		2		4
Tuberculosis .....	2			3	5
Measles .....	49	1		6	56
Pertussis .....	50				50
Diphtheria .....	4				4
Syphilis .....	5				5
Pneumonia .....				4	4
C. S. Meningitis .....					
Erysipelas .....					
Ophthalmia Neonatorum					
Septic Sore Throat ...	1				1
Poliomyelitis .....					
Typhoid .....					1
Smallpox .....	4				4
Mumps .....					
Tetanus .....			1		1
Whooping Cough .....				2	2
Diarrhea of Infancy ...				1	1

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*Prompt and Full Reports*

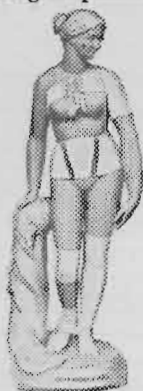
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Youngstown's Medical Supply and  
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●  
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IS TRUE ..

—\*—

WHAT WE DO IS  
LEGITIMATE

—\*—

WHAT WE PROMISE  
WE FULFILL

—\*—

TALK HERE  
IS  
BACKED UP  
BY DEEDS

—\*—

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# The PENALTY of leadership

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In every field of human endeavor, he that is first must perpetually live in the white light of publicity. Whether the leadership be vested in a man or in a manufactured product, emulation and envy are ever at work. In art, in literature, in music, in industry, the reward and the punishment are always the same. The reward is widespread recognition; the punishment, fierce denial and detraction. ★ When a man's work becomes a standard for the whole world, it also becomes a target for the shafts of the envious few. If his work be merely mediocre, he will be left severely alone — if he achieve a masterpiece, it will set a million tongues a-wagging. Jealousy does not protrude its forked tongue at the artist who produces a commonplace painting. ★ Whatsoever you write, or paint, or play, or sing, or build, no one will strive to surpass or to slander you, unless your work be stamped with the seal of genius. Long, long after a great work or a good work has been done, those who are disappointed or envious continue to cry out that it cannot be done. ★ Spiteful little voices in the domain of art were raised against our own Whistler as a mountebank, long after the big world had acclaimed him its greatest artistic genius. ★ Multitudes flocked to Bayreuth to worship at the musical shrine of Wagner, while the little group of those whom he had dethroned and displaced argued angrily that he was no musician at all. ★ The little world continued to protest that Fulton could never build a steamboat, while the big world flocked to the river banks to see his boat steam by. ★ The leader is assailed because he is a leader, and the effort to equal him is merely added proof of that leadership. Failing to equal or to excel, the follower seeks to depreciate and to destroy — but only confirms once more the superiority of that which he strives to supplant. There is nothing new in this. It is as old as the world and as old as the human passions — envy, fear, greed, ambition, and the desire to surpass. And it all avails nothing. ★ If the leader truly leads, he remains — the leader. Master-poet, master-painter, master-workman, each in his turn is assailed, and each holds his laurels through the ages. That which is good or great makes itself known, no matter how loud the clamor of denial. *That which deserves to live — lives.*

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